



NETWORKS MARKETS PEOPLE

Communities, Institutions and Enterprises
towards post-humanism epistemologies
and AI challenges

MAY 22nd-24th, 2024

Reggio Calabria, Italy



Consiglio Internazionale
dei Monumenti e dei Siti
Comitato Nazionale Italiano





NETWORKS,
MARKETS &
PEOPLE

BRIEF INSIGHT

The Networks, Markets & People International Symposium is promoted by the European Cultural Heritage Enhancement Lab – ECHE Lab (former UNESCO Med Lab) and LaborEM, Mediterranea University of Reggio Calabria (Italy), with ASTRI Scientific Association and the National Italian Committee of ICOMOS.

The Symposium is organized in partnership with: CETRAD, Centre for Transdisciplinary Development Studies, University of Trás-os-Montes e Alto Douro, Vila Real (Portugal); NEUROLAB, Mediterranea University of Reggio Calabria (Italy); GRUPO ANTE, University of Santiago de Compostela (Spain).

The Symposium is mainly supported by a qualified network of scientific societies: SIEV – Società Italiana di Estimo e Valutazione; SIIV – Società Italiana Infrastrutture Viarie; AIIT – Associazione Italiana per l'Ingegneria del Traffico e dei Trasporti; SITdA – Società Italiana di Tecnologia dell'Architettura; AISRe – Associazione Italiana di Scienze Regionali; SISTur – Società Italiana di Scienze del Turismo; AGEI – Associazione dei Geografi Italiani.



SYMPOSIUM LANGUAGES:

ENGLISH – ITALIAN



WEB SITE: www.nmp.unirc.it



SCIENTIFIC DIRECTORS:

Francesco Calabrò - ECHE Lab and LaborEM, Mediterranea University, Reggio Calabria, (Italy)

With:

Livia Madureira - CETRAD, University of Trás-os-Montes e Alto Douro, Vila Real (Portugal)

Carlo Francesco Morabito - NEUROLAB, Mediterranea University, Reggio Calabria (Italy)

María José Piñeira Mantifán - GRUPO ANTE, University of Santiago de Compostela (Spain)



ORGANISING BODY:

ASTRI – Scientific Association on Interdisciplinary Research and Regional Studies





RATIONALE

Networks, Markets & People for transitioning settlement systems.

Communities, Institutions and Enterprises towards post-humanism epistemologies and AI challenges

Horizon Europe, the European framework programme for research and innovation for the 2021-27 period, consistent with SDGs, is taken as general framework for the symposium scientific debate. Among the clusters in which Horizon Europe is divided, the most relevant ones for the aims of the symposium are:

- Culture, Creativity and Inclusive Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Sessions embrace cross-cultural, transnational and Euro Mediterranean based issues.

The 2024 edition of International Symposium “Networks, Markets & People” (#NMP2024) aims to promote the scientific debate about the effects that the contemporary environmental, technological, social and economic global challenges produce on settlement systems, especially in Inner Areas and metropolitan cities of the Mediterranean basin.

Contemporary settlements express the distance between the built environment inertia and the “liquid” society flowing underneath. Blurred lines substituted the neat dualities such as culture-nature, urban-rural, central-marginal, affluent-deprived, enacting perpetual changes in between polarities. The progressive increase in population raises new issues connected with resources availability and the ecological footprint of anthropic activities.

The theme of the green transition requires multidisciplinary points of view, touching on very different issues such as infrastructures and mobility systems, green buildings and energy communities, ecosystem services and land consumption.

In this scenario, a post humanist epistemology assumes that humans are dependent on the environment, and part of a larger evolving ecosystem whose agency is distributed through dynamic forces. Climate change challenges reinforced the understanding that human is entangled with its environment, encouraging in defining novel epistemologies, including, but not limited to, several disciplines: architecture, urban studies, economics, cybernetics, ecology, ethology, geography, art, psychoanalysis, sociology, anthropology and quantum physics.

The new frontier of adaptive and flexible production, supported by the ongoing digital revolution, encourages a rethinking of the concepts of proximity and interdependence within human settlements, with a paradigm shift in the center-periphery dualism. In this context, the social reproduction approach is mainly oriented at spatial justice, re-use, regeneration and environmental care.



RATIONALE

Digital technologies and artificial intelligence bring extraordinary potential to institutions, companies and social organisations, but also carry the risk of negative impacts of unmanaged innovation.

The Artificial Intelligence, challenging the labor market, has been seen lately as both the exploitation and the destruction of the human being as known until now. The progressive replacement of human workforce with machines no longer concerns the traditional industries only, affecting intellectual and creative productions. The side effects of this transition need to be studied in order to share benefits and tradeoffs equitably between technology and service developers on the one hand, and individuals and communities on the other. Accessibility rights to services and goods, social inclusion, commoning and sharing economies, as well as informalities and self-organization permeate the incoming social organization associated with the digital transition, towards inclusive concepts of citizenship.

Social innovation practices, collaborative governance models, open innovation frontiers, human non-human entanglements concur in setting the route for the next generation settlements, notably: the built environment, the social system and the complexity and challenges of the everyday life.

These phenomena are even more significant for marginalized areas, which are compelled to face the risk of widening the socio-economic gap with advanced regions, as happens in some territories of Mediterranean bordering countries.

Green and digital transition are the two pillars on which European policies are based for the period 2021-27, above all through the instrument of the Next Generation EU. The substantial investments planned by the EU to support the green and digital transition in the coming years require multidimensional evaluation systems, capable of supporting decision-makers in selecting the interventions most effective in pursuing the objectives, also considering that the financial resources used for the Policy implementation are borrowed from future generations, who will be held accountable for our work.





SYMPOSIUM AIMS AND STRUCTURE

South and marginalized areas: scientific debate, multidisciplinary approach, promotion of young generations, transfer of results

NMP is configured as a container that intends to promote dialogue between the scientific world and society, focusing attention on the topic of inequalities, looking in particular at the South and, more generally, at marginalized areas.

The specific objectives of the symposium, therefore, are:

- encouraging scientific debate;
- promoting interdisciplinary approach;
- supporting the growth of new generations;
- accompanying the transfer of research results to the territory;

Thematic Sessions and Focus Sessions

The scientific debate, in the traditional sense, in NMP takes place within the Thematic Sessions (TS) and Focus Sessions (FS), promoted by individual scholars or gathered in small research groups, aimed at advancing the frontier of knowledge scientific research on the most current issues.

Scientific Societies Days

NMP is the result of the contribution of numerous scientific societies, whose members have the opportunity, during the symposium, to come into contact with disciplinary approaches different from their own but converging on the same research topics.

The Days dedicated to individual Scientific Societies constitute the moment in which these contaminations of knowledge are brought back within the individual disciplinary sectors, promoting their constant renewal.





SYMPOSIUM AIMS AND STRUCTURE

Awards for young people

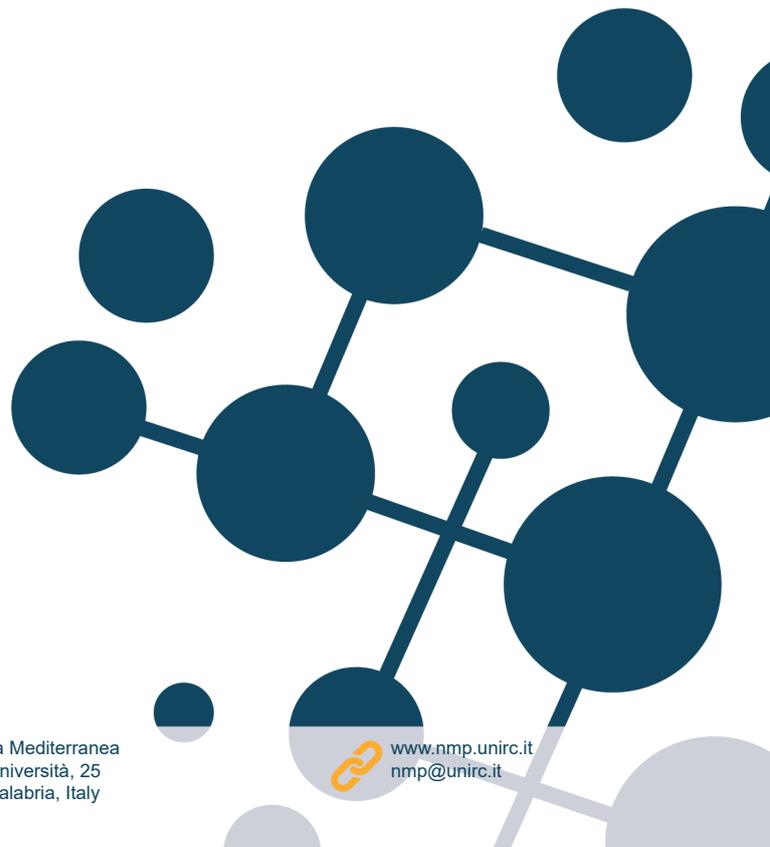
Among NMP's objectives there is also support for the growth of new generations and the promotion of talent. For this reason, two prizes are awarded during the symposium, the "Edoardo Mollica", intended for young researchers, and the "Valeria Morabito" dedicated to young people still in training.

Meetings and Round-Tables

NMP, last but not least, intends to accompany the transfer of the research results to the territory. This objective is pursued through a series of meetings and round-tables involving actors of different nature: in addition to scholars already present in NMP, in fact, these meetings are attended by representatives of public institutions, businesses, associations, citizens, in the belief that these moments of mutual exchange are also fundamental for orienting future research activities to provide answers to the needs most felt by society.

Tribute to Roberto Camagni

All these objectives have been shared, since 2014, with Roberto Camagni, to whom a dutiful tribute goes at the opening of the symposium: not a moment of rhetoric aimed at the past but with an eye towards the future, starting from his teachings and dealing with one of the themes dearest to him: the inequalities.





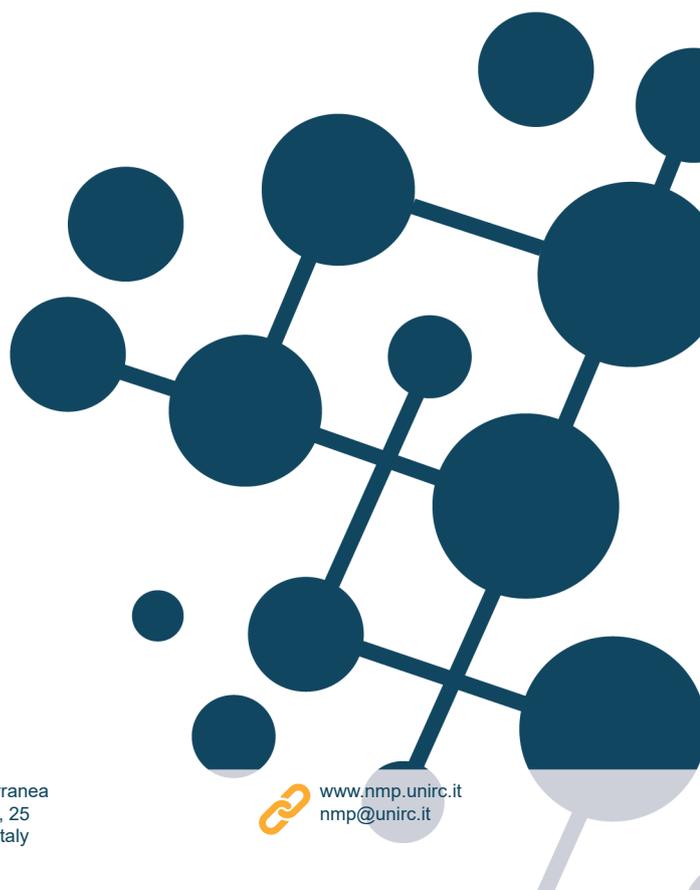
SIEV DAY SE03

In the context of the “Networks Markets & People” International Symposium, the Italian Real Estate Appraisal and Investment Decision Society organizes the **SIEV Day**.

The main objective of the SIEV Day is to host a cultural debate on some of the most current issues in the field of Real Estate Appraisal and Investment Decision applied to the city and the territory.

Sessions target these concepts and focus on the most significant macroareas, according to the Symposium main themes:

- Artificial intelligence
- Ecological Transition
- Market Instability and Uncertainty
- Cultural heritage
- Proximity Economy
- Multidimensional Impact Assessments
- Urban Regeneration
- Sustainable Urban Development
- Sustainable Territorial Development





ICOMOS DAY

In the context of the “Networks Markets & People” International Symposium, the Italian ICOMOS Committee organizes the **ICOMOS Day on “Cultural Tourism”**.

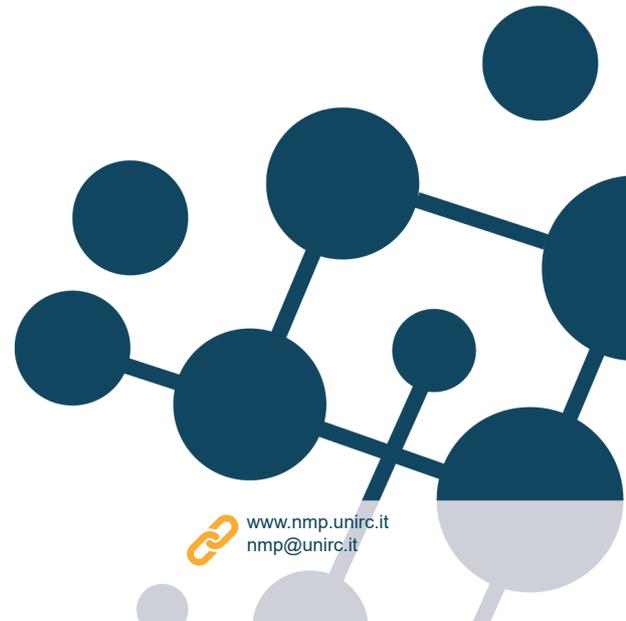
The main objective of the ICOMOS Day is to host a cultural debate and to get useful directions to plan and implement actions able to maximize the contribution of Cultural Heritage as social and economic driver.

The Italian Cultural Heritage with its landscapes, cities and intangible resources is a unique tourist offer and increases competitiveness and attractiveness of our country, as highlighted by MIBACT in 2017 with the Strategic Development Plan of Tourism, and in particular by the National Recovery and Resilience Plan (Piano Nazionale di Ripresa e Resilienza - PNRR) “#Next Generation Italia”.

Sessions target these concepts and focus on the most significant macroareas, according to the Symposium main themes:

- TS01_PRODUCTION LANDSCAPES THROUGH ENERGY TRANSITIONS FROM 18TH TO THE 20TH CENTURY: TANGIBLE AND INTANGIBLE NETWORKS
- TS15_THE ROLE OF TOURISM SECTOR IN ACHIEVING MORE INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE CITIES: APPROACHES, METHODS AND TOOLS
- TS45_CULTURAL TOURISM AND SUSTAINABILITY
- FS-IC-01_THE TOURIST VALORIZATION OF CULTURAL HERITAGE IN THE TERRITORIALIZATION PROCESS OF THE 2030 AGENDA. CULTURAL ITINERARIES AS DRIVERS OF SUSTAINABLE DEVELOPMENT IN THE EURO-MEDITERRANEAN CONTEXT
- FS-IC-02_THE ICOMOS CHARTER FOR CULTURAL TOURISM: STRATEGIC PLANNING AND ENHANCEMENT OF THE HERITAGE BETWEEN THE VENICE CHARTER AND THE PARADIGM OF SUSTAINABILITY

The ICOMOS Day on “Cultural Tourism” will end with an in-depth round table dedicated to the evaluation model being developed for the awarding of the ICOMOS Italia Cultural Tourism Prize.





SITdA DAYS 

In the context of the “Networks Markets & People” International Symposium, the Italian Society of Architectural Technology organizes the **SITdA Days**.

The main objective of the SITdA Days is to host a cultural debate on **Pre-design and energy-environmental design for decarbonisation. Scenarios from applied research.**

Decarbonisation processes require very robust strategic and operational choices. The operational instrumentality entrusted to energy-environmental design, in all its creative and configuration phases, assumes a complex value that requires a declarative capacity with respect to the codes to be adopted in terms of regenerative design, circular design, for zero-impact architecture and the cities of the future.

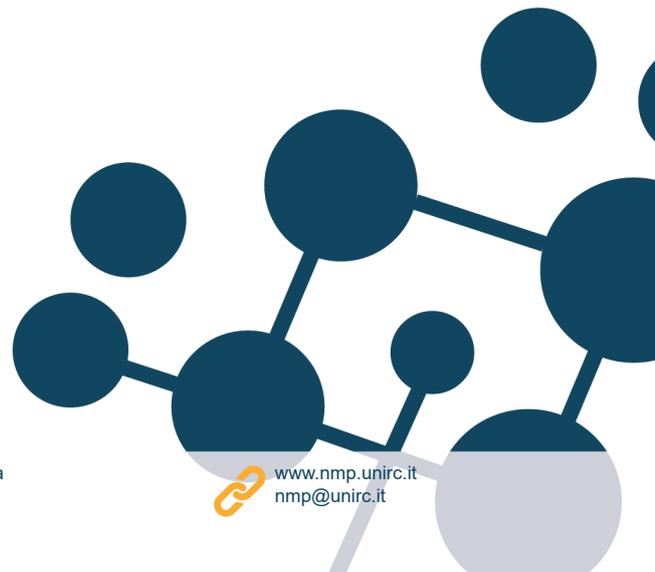
In all transformative processes, the pre-design and design phases, in addition to absorbing data from the context and providing information and meanings for the different arrangements that interpret the spaces of ecological and digital transition, govern and organise a new discourse on the sustainability of transformations for the built environment.

The temporal dimension of the scenario and the new performance metrics need to be applied in experiences carried out at the territorial, urban and cluster scale, of architecture and technological devices.

The experience gained in recent years at national and international level, in which the academic research carried out by SITdA researchers in their working groups and in research laboratories, networks and clusters is fully integrated, has characterised a specific and direct contribution to the themes of "Environmental Design" and "Energy, Climate and Architecture", themes with an increasingly experimental and instrumental character, in which design and evaluation practices have generated advances and innovations in the disciplinary field of the technological culture of environmental design and building production, in the context of the existing and the new, and towards the new expectations of climate and carbon neutrality.

The themes and questions raised by the 4 proposed sessions are intended to continue on this path and to contribute to an increased comparison of experiences and experimental scenarios from applied research:

- Regenerative Design and Impact Assessment for Climate Adaptation
- Circular Design and process efficiency with reduction of waste, material and energy consumption
- From Nearly Zero Energy to Climate Neutral Architecture
- Tech-Driven Architectural Transitions for Future Cities





AGEI DAY SE06

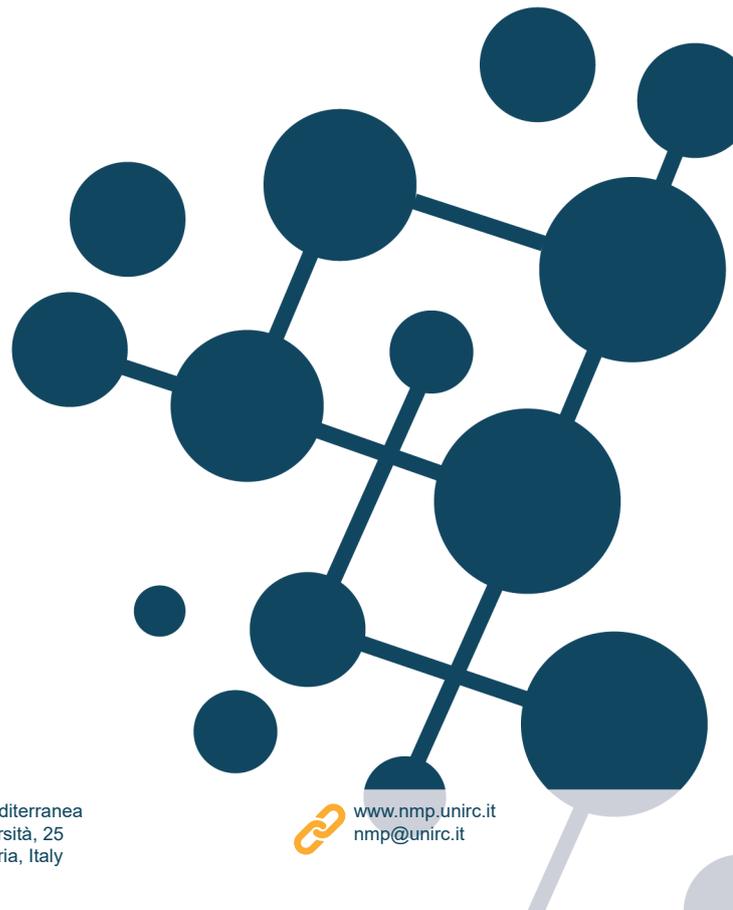
Within the framework of the International Symposium "Networks Markets & People", the Italian Association of Geographers organizes the **AGEI Day**.

The main objective of the AGEI Day is to promote an academic and cultural debate on contemporary geography and its profound implications for the understanding and management of territories, landscapes, and communities, taking into account the perspectives and challenges of applied research. As territories and landscapes evolve, the need for strong strategic and operational methodologies becomes imperative.

The central role assigned to the discipline of geography, with its multiple dimensions and methodologies, underlines its fundamental importance in understanding territorial, landscape, and socio-economic processes. At all stages of territorial change, from analysis and understanding to data collection, interpretation, and proposals for solutions to territorial challenges, geography is at the forefront of a new discourse on the sustainability and resilience of territories and communities.

The spatial and temporal dimensions of geographical scenarios and the new evaluation metrics need to be applied in experiences carried out at local, regional, and global levels, in different territorial scales and different socio-economic and environmental contexts.

The wealth of experience gained over the years, both nationally and internationally, underlines the significant contributions made by Italian geographers through scientific research carried out in university departments, research groups, and laboratories. This research has greatly improved the understanding and management of territories and landscapes, addressing increasingly complex and topical issues such as environmental sustainability, spatial planning and sustainable development.





BYZANTINE STUDY DAYS – *Third Edition*

The Byzantine Cultural Landscape from Calabria to the Mediterranean. Towards the Cultural Route of the Council of Europe

Chairs: Francesco Calabrò, Roberta Alberotanza, Mariangela Monaca, Nino Sulfaro

The third edition of the Byzantine Studies Days, promoted by ECHE Lab and ASTRI Association, is dedicated to the advancement of the Cultural Route project "The Byzantine Cultural Landscape. Villages, defensive systems, monastic settlements, rites and traditions of the Inner Areas of the Mediterranean".

The days include a scientific session, divided into 4 parts, dedicated to in-depth the cultural heritage covered by the Cultural Route, in the different phases of its integrated conservation (knowledge, protection, conservation, enhancement and management), and a round table dedicated to institutional, social and economic partnership of the project.

Focus Session "Byzantine Cultural Landscape"

FS-BCL 01 - Knowledge (Chair: M. Monaca)

FS-BCL 02 - Byzantine Studies in History, Art & Archaeology. Focus session organized by the National Archaeological Museum of Reggio Calabria (Chairs: D. Costanzo, F. Sudano)

FS-BCL 03 - Protection and Conservation (Chairs: N. Sulfaro, M. Stefanidou)

FS-BCL 04 - Enhancement and Management (Chair: F. Calabrò)

SE 08 – Special Event "Byzantine Cultural Landscape"

Round table - The institutional, social and economic partnership of the Cultural Route "The Byzantine Cultural Landscape. Villages, defensive systems, monastic settlements, rites and traditions of the Inner Areas of the Mediterranean" (Chairs R. Alberotanza, E. Giudrinetti)

Tavola rotonda - Il partenariato istituzionale, sociale ed economico dell'itinerario Culturale "Il Paesaggio Culturale Bizantino. Borghi, sistemi difensivi, insediamenti monastici, riti e tradizioni delle Aree Interne del Mediterraneo" (Chairs R. Alberotanza, E. Giudrinetti)



THEMATIC SESSIONS

01

PRODUCTION LANDSCAPES THROUGH ENERGY TRANSITIONS FROM 18TH TO THE 20TH CENTURY: TANGIBLE AND INTANGIBLE NETWORKS

Chairs: Valentina Pintus, Nino Sulfaro, Oana Cristina Tiganea

03

COLLABORATIVE GOVERNANCE, PLANNING POLICIES, AND SOCIO-ECOLOGICAL INNOVATIONS TOWARDS CLIMATE CHANGE MITIGATION AND URBAN BIODIVERSITY

Chairs: Israa H. Mahmoud, Francesco Cappellano, Luca Lazzarini

04

GLOSSA: A „GLOCAL“ KNOWLEDGE SYSTEM FOR THE SUSTAINABILITY ASSESSMENT OF URBAN PROJECTS

Chairs: Francesca Abastante, Francesco Piras, Giuliano Poli

05

DESIGNING ECOLOGICAL TRANSITION IN MEDITERRANEAN CITIES

Chairs: Riccardo Maria Pulselli, Stefano Magaudda

07

DECISION SUPPORT IN THE URBAN CONTEXT IN THE DIGITAL AGE: INTERACTIONS AND UNCERTAINTIES (SUITE)

Chairs: Isabella M. Lami, Elena Todella

08

NATURAL HAZARD: PLANNING, MANAGEMENT AND SUSTAINABLE MITIGATION STRATEGIES IN COASTAL, RIVER AND URBAN AREAS

Chairs: Giandomenico Foti, Francesca Minniti

10

GEOMATIC TECHNIQUES AND METHODOLOGIES FOR ENVIRONMENT AND CULTURAL HERITAGE MANAGEMENT AND FOR URBAN RESILIENCE

Chairs: Vincenzo Barrile, Emanuela Genovese

11

URBAN COMPETITIVENESS AND SUSTAINABLE SOCIO-ECONOMIC AND ECOLOGICAL DEVELOPMENTS

Chairs: Wahdashuker Mahmoud Al-Hinkawi, Ibtisam Abdulelah Mohammed Al Khafaji

12

TERRITORIAL RESILIENCE TO CLIMATE RISKS: ORGANIZATIONS, INSTITUTIONS AND SOCIETY

Chairs: Roberta Troisi, Gaetano Alfano, Elena Miceli

13

POLICIES FOR FAIR-SUSTAINABLE TRANSPORT

Chairs: Domenico Gattuso, Gaetana Claudia Rubino, Domenica Savia Pellicanò

14

HOUSING. LIVING HOME, LIVING SPACE

Chairs: Alberto De Capua, Lidia Errante

15

THE ROLE OF TOURISM SECTOR IN ACHIEVING MORE INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE CITIES: APPROACHES, METHODS AND TOOLS

Chairs: Martina Bosone, Francesca Nocca, Pasquale De Toro, Luigi Fusco Girard

- 16** STRUCTURAL RETROFITTING AND MONITORING BY SUSTAINABLE AND COMPATIBLE METHODS
Chairs: Antonino Fotia, Rocco Buda
- 17** STRUCTURAL RETROFITTING BY SUSTAINABLE AND COMPATIBLE METHODS
Chairs: Raffaele Pucinotti, Marco Tanganelli
- 18** INNOVATIVE STRATEGIES AND SOLUTIONS TO REGENERATE CITIES: ASSESSMENT ISSUES
Chairs: Giovanna Acampa, Fabrizio Battisti
- 19** URBAN AND TERRITORIAL FLOW REBALANCING
Chairs: Giovanna Acampa, Francesco Alberti, Alessio Pino
- 20** BUILT HERITAGE CONSERVATION IN CONTEMPORARY TERRITORIAL SYSTEMS: PLANNING AND EVALUATION CHALLENGES
Chairs: Francesca Torrieri, Annunziata Maria Oteri, Marco Rossitti, Giulia Datola
- 21** URBAN DECISION-MAKING IN THE ERA OF DIGITALISATION AND ARTIFICIAL INTELLIGENCE
Chairs: Isabella M. Lami, Stefano Moroni
- 22** SUPERSESSON INTERCLUSTER SITDA_ PRE-DESIGN AND ENERGY-ENVIRONMENTAL DESIGN FOR DECARBONISATION. SCENARIOS FROM APPLIED RESEARCH
- 22**
PA1 REGENERATIVE DESIGN AND IMPACT ASSESSMENT FOR CLIMATE ADAPTATION
Chairs: Consuelo Nava, Mario Losasso, Fabrizio Tucci, Valeria D'Ambrosio, Giuseppe Mangano
- 22**
PA2 CIRCULAR DESIGN AND PROCESS EFFICIENCY WITH REDUCTION OF WASTE, MATERIAL AND ENERGY CONSUMPTION
Chairs: Francesca Giglio, Ernesto Antonini, Maria Federica Ottone, Domenico Lucanto
- 22**
ECA1 FROM NEARLY ZERO ENERGY TO CLIMATE NEUTRAL ARCHITECTURE
Chairs: Martino Milardi, Pietro Davoli, Paola Gallo, Maria Teresa Mandaglio
- 22**
ECA2 TECH-DRIVEN ARCHITECTURAL TRANSITIONS FOR FUTURE CITIES
Chairs: Corrado Trombetta, Cesare Sposito, Filippo Angelucci, Stefano Cascone
- 23** THE COMPLEX AND INTERCONNECTING RELATIONSHIPS AMONG FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT
Chairs: Vincenzo Provenzano, Maria Rosaria Seminara, Carmelina Bevilacqua

- 24** UNLOCKING THE VALUE OF PROXIMITY: POST-PANDEMIC URBAN POLICIES AND THE PROXIMITY ECONOMY ECOSYSTEMS
Chairs: Francesca Bragaglia, Luca Tricarico, Ezio Micelli
- 27** FROM DESTINATION IMAGE TO STORYTELLING: NEW PARADIGMS OF SMART TOURISM
Chairs: Sonia Malvica, Giovanni Messina, Enrico Nicosia, Carmelo Maria Porto
- 28** DECISION SUPPORT METHODS FOR RESILIENT LAND USE, SAVING SOIL AND SUSTAINABLE URBAN REGENERATION OF PROPERTIES IN DISUSE
Chairs: Pierluigi Morano, Francesco Tajani, Debora Anelli, Carmelo Maria Torre
- 29** INDUSTRIAL POLLUTING SITES AND THE EFFECTS ON THE SURROUNDING CONTEXT: ASSESSMENT OF THE HEALTH, ENVIRONMENTAL AND ECONOMIC IMPACTS THROUGH MULTIDIMENSIONAL TOOLS
Chairs: Pierluigi Morano, Marco Locurcio, Debora Anelli, Felicia Di Liddo
- 30** THE SPACES OF FOOD: PLACES, CHANGES, EXPERIENCES
Chairs: Valentina Cattivelli
- 31** THE EUROPEAN COHESION POLICY AND THE REGIONAL OPERATIONAL PROGRAMMES IN CALABRIA FROM 2000 TO 2020 BETWEEN LEARNING PROCESSES AND STRUCTURAL CONSTRAINTS
Chairs: Chiara Corazzieri, Flavia Martinelli
- 33** SUSTAINABLE ENERGY SOLUTIONS FOR SMART CITIES AND COMMUNITIES
Chairs: Chro Hama Radha, Hozan Latif Rauf, Sardar S. Shareef
- 35** MULTI-SECTORIAL INITIATIVES FOR A MORE SUSTAINABLE FUTURE IN CITIES: NOVEL APPROACHES AND METHODS
Chairs: Maria Rosaria Guarini, Francesco Sica, Francesco Tajani
- 36** COMMUNITY-LED LOCAL DEVELOPMENT OF COASTAL AND RURAL AREAS
Chairs: Claudio Marcianò
- 37** URBAN ROLE OF ECOSYSTEM SERVICES OF PLANT ASSETS. FOR PLANNING, DESIGN AND CORRECT MANAGEMENT OF GREEN ARCHITECTURE IN THE CITY
Chairs: Concetta Fallanca, Antonio Taccone
- 38** PEOPLE-NATURE COHESION FOR SMART URBAN TRANSITION
Conservation, Safety and Progress for a Multidimensional City
Chairs: Giuseppe Bombino, Daniela D'Agostino
- 39** LIFE CYCLE-BASED METHODOLOGIES FOR SUSTAINABILITY ASSESSMENTS IN AGROECOSYSTEMS, CIRCULAR ECONOMY, AND ENERGETIC/ECOLOGICAL TRANSITION PROCESSES
Chairs: Anna Irene De Luca, Marina Mistretta, Giacomo Falcone

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ECOLOGICAL AND DIGITAL TRANSITION IN CITIES: MEASURING ECOSYSTEM SERVICES FOR URBAN PLANNING AND DESIGN

Chairs: Francesca Moraci, Carmelina Bevilacqua, Pasquale Pizzimenti

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ECONOMIC EVALUATIONS, SUSTAINABLE DEVELOPMENT PLANNING AND TERRITORIAL PLANNING

Chairs: Massimiliano Bencardino, Antonio Nesticò, Gabriella Maselli, Vincenzo Esposito

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MOVING LANDSCAPES: SYNERGIES BETWEEN NATURE, SPORTS, AND TOURISM

Chairs: Carmen Bizzarri, Simone Bozzato, Maria Grazia Cinti, Anna Maria Pioletti

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VALUATIONS SUPPORT GLOBAL ECOLOGICAL TRANSITION TOWARD GREEN WORLD AND POST CARBON CITY

Chairs: Domenico Enrico Massimo, Pierfrancesco De Paola, Mariangela Musolino, Alessandro Malerba, Roberta Errigo

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BETWEEN THE ALPS AND THE APENNINES: THE MOUNTAIN IN MOTION. CULTURAL, IDENTITARY, AND ECONOMIC CONNECTIONS IN ITALY

Chairs: Mauro Pascolini, Pierluigi Magistri

45

CULTURAL TOURISM AND SUSTAINABILITY

Chairs: Fabrizio Antolini, Sandro Cruciani, Patrizia Battilani

IC-01

THE TOURIST VALORIZATION OF CULTURAL HERITAGE IN THE TERRITORIALIZATION PROCESS OF THE 2030 AGENDA. CULTURAL ITINERARIES AS DRIVERS OF SUSTAINABLE DEVELOPMENT IN THE EURO-MEDITERRANEAN

Chairs: Natalina Carrà, Gabriella Pultrone, Anna Trono

IC-02

THE ICOMOS CHARTER FOR CULTURAL TOURISM: STRATEGIC PLANNING AND ENHANCEMENT OF THE HERITAGE BETWEEN THE VENICE CHARTER AND THE PARADIGM OF SUSTAINABILITY

Chairs: Massimiliano Bencardino, Maddalena Chimisso, Laura Genovese, Stefania Landi

BCL

THE BYZANTINE CULTURAL LANDSCAPE. CONSERVATION, FRUITION, SUSTAINABLE DEVELOPMENT

Chairs: Francesco Calabrò, Roberta Alberotanza, Mariangela Monaca, Nino Sulfaro

BCL
01

KNOWLEDGE

Chairs: M. Monaca

BCL
02

BIZANTINE STUDIES IN HISTORY, ART & ARCHAEOLOGY. FOCUS SESSION ORGANIZED BY THE NATIONAL ARCHAEOLOGICAL MUSEUM OF REGGIO CALABRIA

Chairs: D. Costanzo, F.Sudano

BCL
03

PROTECTION AND CONSERVATION

Chairs: N.Sulfaro, M. Stefanidou

BCL
04

ENHANCEMENT AND MANAGEMENT

Chairs: F. Calabrò

SPECIAL EVENT

01, 02, 03, 04, 05, 06, 07, 08, 09, 12

GENERAL TIMETABLE

WEDNESDAY 22/05/2024										
ROOM	A2	A3	A4	A6	A7	A8	A11	A12	AT	AM
9.00 - 13.00	OPENING SE 02 - SE 07									
	lunch break									
14.30 - 16.30	TS-03	FS-BCL	TS-38	TS-31	SE 02	SE-05*		TS-17	TS-40	
17.00 - 19.00	TS-03	FS-BCL	TS-38	SE 12	TS-22	TS-22	TS-22	TS-22	TS-39	TS-23

THURSDAY 23/05/2024										
ROOM	A2	A3	A4	A6	A7	A8	A11	A12	AT	AM
8.30 - 10.30	SE-03 SE-01	FS-BCL	SE 06 TS-42	TS-31	TS-22	TS-22	TS-22	TS-22	TS-14	TS-20
11.00 - 13.00	TS-24	SE 08	TS-44	TS-07	SE-05*			TS-41	TS-20	
	lunch break									
14.30 - 16.30	TS-04	TS-43	TS-30	TS-21	TS-18	TS-27	TS-28	TS-35	TS-11	TS-01
17.00 - 19.00	TS-04	SE-14	TS-30	TS-21	TS-19	TS-12	TS-29	TS-33	TS-11	SE 09
	GALA DINNER									

FRIDAY 24/05/2024										
ROOM	A2	A3	A4	A6	A7	A8	A11	A12	AT	AM
8.30 - 10.30			TS-45	TS-15	FS-IC 02	TS-13	TS-36	FS-IC 01	TS-10	
11.00 - 13.00			TS-37	TS-15	SE 04	TS-08	TS-16	TS-05	TS-10	

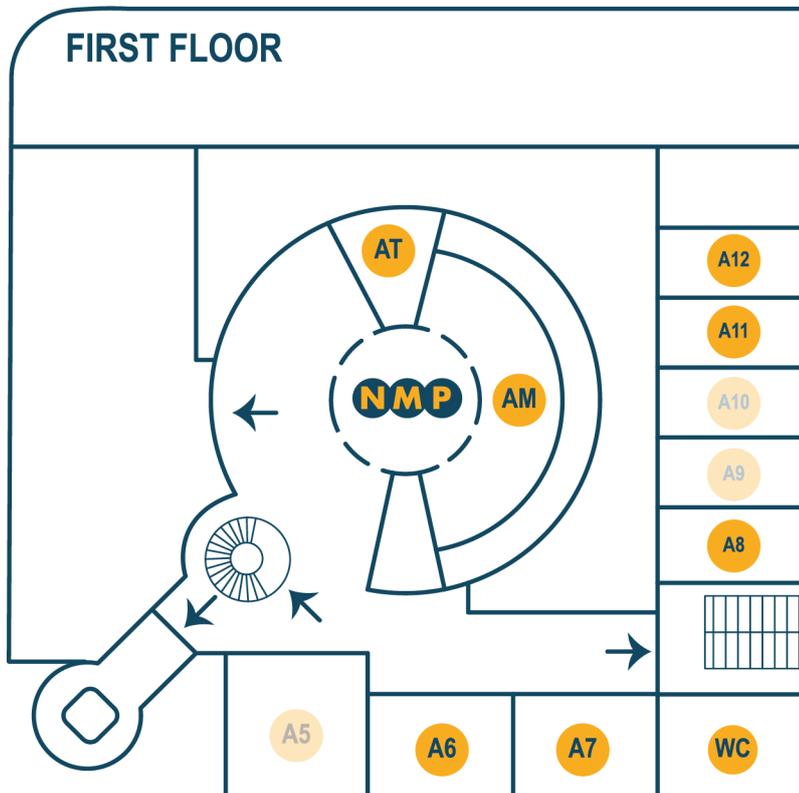
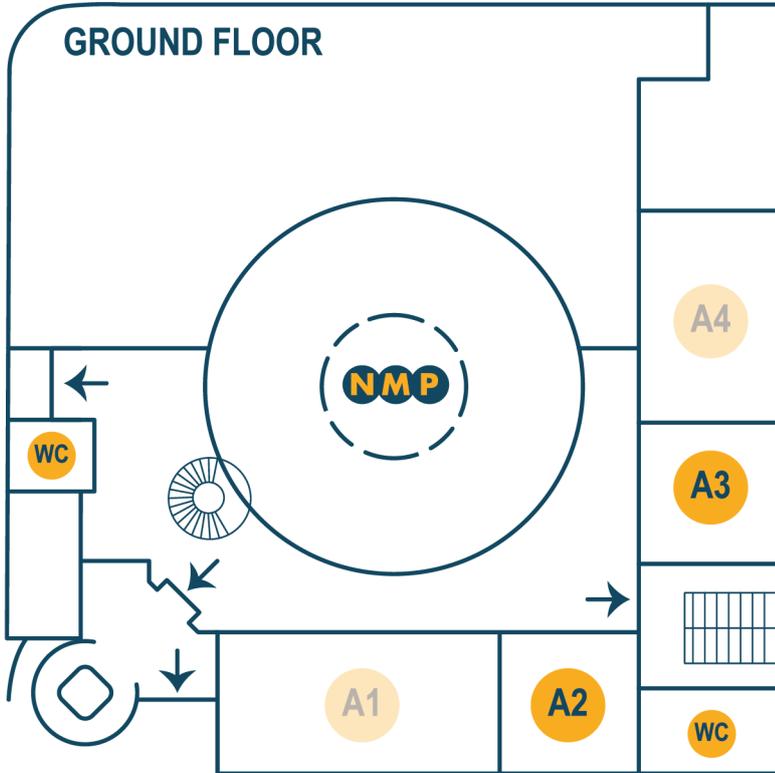
TS - Thematic Session
 FS - Focus Session
 SE - Special Event

* White Room DArte

SPECIAL EVENTS

SE 01	Mollica Award	SE 07	Tribute to Roberto Camagni
SE 02	Morabito Award	SE 09	PLanETs Meeting
SE 03	SIEV Day	SE 08	Byzantine Cultural Landscape
SE 04	ICOMOS Day	SE 12	Regional policy in Calabria
SE 05	SITdA Days	SE 14	Rotary Meeting
SE 06	AGEI Day		

MEETINGROOM



OPENING PLENARY SESSION



ARCHITECTURE SCHOOL LECTURE HALL "LUDOVICO QUARONI"

09:15 am
12:45 am

3.30 hours

OPENING

08.30 PARTICIPANTS' REGISTRATION

09.15 WELCOME MESSAGES

Giuseppe Zimbalatti, Rector of Mediterranea University of Reggio Calabria

Tommaso Manfredi, Dean of PAU, Mediterranea University of Reggio Calabria

Consuelo Nava, Deputy Dean of DArTe, Mediterranea University of Reggio Calabria

Giovanni Leonardi, Dean of DICEAM, Mediterranea University of Reggio Calabria

Francesco Carlo Morabito, on behalf of the Editors of Networks, Markets & People Symposium

Domenico Enrico Massimo, Senior Member of Real Estate Appraisal, ArTe Department

Immacolata Lorè, Member of ASTRI Association

Introduces

Francesco Calabrò, Scientific Director of Networks, Markets & People International Symposium

10.15: A TRIBUTE TO ROBERTO CAMAGNI. THE LEGACY OF A GREAT MIND FOR REGIONAL AND URBAN SCIENCE

SE07

Roberta Capello, Polytechnic of Milan

Ezio Micelli, Università Iuav di Venezia

10.35 KEYNOTE SPEECHES

Chair: Alessandra Oppio, President of SIEV

POLICIES FOR CITIES AND REGIONS OF THE SOUTH EUROPEAN COUNTRIES: HOW TO DESIGN AND TO EVALUATE THEM?

Maria Jose Piñeira Mantiñan, University of Santiago de Compostela (Spain)

- *The geographical factor in the urban dynamics of the 21st century*

Gianfranco Viesti, "Aldo Moro" University of Bari

- *The expected impacts of the Next Generation EU program: towards a new Italian geography?*

Domenico Scalera, AISRe – Italian Association of Regional Sciences, Sannio University of Benevento

- *The Italian "differentiated autonomy": objectives and risk*

Gabriella Esposito De Vita, CNR - Institute for Research on Innovation and Services for Development

- *Policies and planning for territorial cohesion: shared futures and challenges in Southern regions*

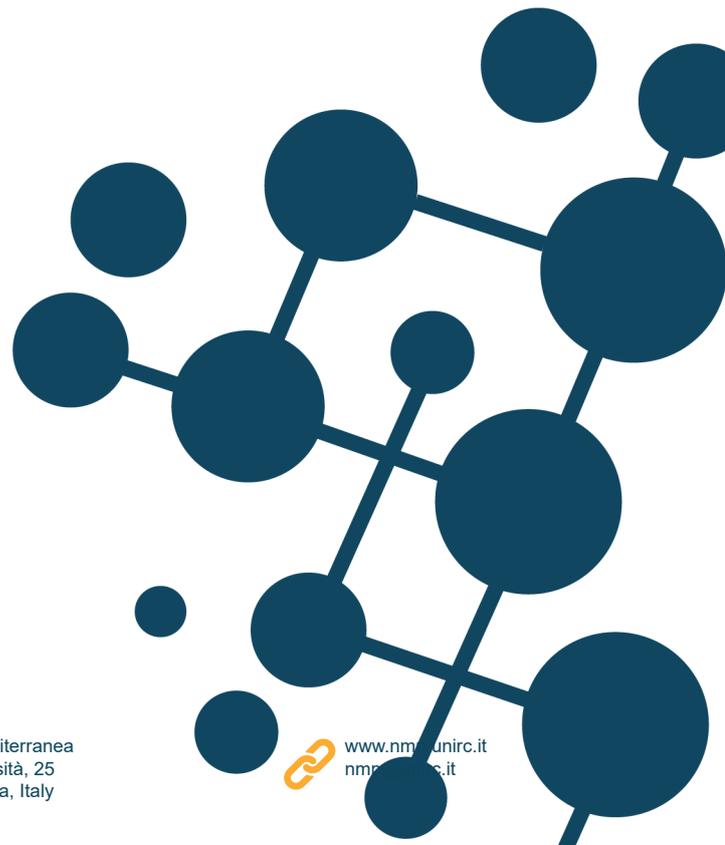
Livia Madureira, University of Trás-os-Montes and Alto Douro, CETRAD, Vila Real (Portugal)

- *Perspectives for policies for rural development*

12.15 OPENING OF THE "NURTURE YOUR TALENT - VALERIA MORABITO AWARD" EXHIBITION



THEMATIC SESSIONS



Production landscapes through energy transitions from 18th to the 20th century: tangible and intangible networks



Thursday 23rd May 14.30 - 16.30

UNIRC - Architecture School - Room: AM

On-line

1. The Petrological Imprint: A Comprehensive Study of Spindletop's Role in the Morphogenesis of the Golden Triangle of Texas

Asma Mehan, Zachary S. Casey

2. Sustainable Transition in Iran's Oil Towns: A Focus on Masjed Soleyman

Seyed Alireza Seyed, Asma Mehan

3. Neo-Rural Architecture: integrating land renaturation through a circular economy process

Alessio Battistella, Marta Dell'Ovo, Francesco Gugliotta

4. Reading mining energy landscapes, over time

Chiara Geroldi, Gloria Pessina

5. . The Difficult Path from Knowledge to Patrimonial Acknowledgment of Olona Valley Post-Industrial Network (Valle Olona, Lombardy)

Rossana Gabaglio, Oana Cristina Tiganea

6. Sericulture in Calabria in the 19th Century: Landscape, Architecture, Energy Transition

Nino Sulfaro

7. Towards carbone bianco: The hydroelectric revolution of the Silan plateau, in Calabria, from the unification of Italy to the 1930s

Martina La Mela

8. Energy transition and production landscape in the early 20th century. The case of Sardinia

Valentina Pintus, Oana Cristina Tiganea

9. The Italian industrial heritage of arms factories. Perspectives for sustainable conservation and reuse

Elisa Pilia

10. Production Landscapes in an Energy Transition Perspective. Industrial Heritage Preservation, Socio-political Issues, and Potential Reuse

Valentian Pintus, Nino Sulfaro, Oana Cristina Tiganea

Valentina Pintus - University of Cagliari, Italy. Assistant Professor in Architectural Restoration. Her recent research and didactic activities focus on preservation of historic landscape and reuse of former ancient prisons.

Nino Sulfaro - Mediterranea University of Reggio Calabria, Italy. Associate Professor in Architectural Restoration. His recent research and didactic activities focus on abandoned small towns and pre-industrial and industrial heritage.

Oana Cristina Tiganea - Polytechnic of Milan, Italy. Assistant Professor in Architectural Restoration. Her recent research and didactic activities focus on the 20th-century-built legacy.

Collaborative governance, planning policies, and socio-ecological innovations towards climate change mitigation and urban biodiversity

Francesco Cappellano - WSB University, Poland. Francesco works as an Assistant Professor in Economic Geography at WSB University in Poland. His research interests are focused on the territorial dimension of Societal Challenge-oriented innovation policy with a spatial focus on border regions. As a practitioner, he has been leading multiple applied research projects for the European Commission in the field of R&I.

Israa H. Mahmoud - Laboratorio di Simulazione Urbana 'Fausto Curti', Department of Architecture and Urban Studies, Politecnico di Milano, Italy. Israa is an Assistant professor in urban and regional planning at Urban Simulation laboratory, department of Architecture and Urban Studies of Politecnico di Milano. She is an expert on Nature-based solutions implementation in urban regeneration. She is lately involved in the National Biodiversity Future Center as a researcher on co-creation and co-governance themes related to urban Biodiversity in living labs.

Luca Lazzarini - Department of Architecture and Urban Studies (DASU), Politecnico di Milano, Italy. Luca Lazzarini is an Assistant Professor in Urban and Regional Planning currently working in the National Biodiversity Future Center (NBFC) on the mapping and monitoring of the socio-spatial impacts of biodiversity interventions in urban contexts. He holds a PhD in Urban and Regional Development (2019) at DiST/Politecnico di Torino. Between 2019 and 2023, he was postdoc research fellow in spatial planning at Politecnico di Torino, Politecnico di Milano and University IUAV of Venice working on different topics including urban/rural relationships, territorial governance and cohesion, and social innovation in inner peripheries.

Wednesday 22nd May 14:30 - 16:30

UNIRC - Architecture School - Room: A2

On-line

1. Sensing urban green spaces through portable photonics-based devices: initial findings in the metropolitan area of Cagliari

Francesca Sanfilippo, Lorenza Tuccio, Lucia Cavigli, Francesca Rossi, Giorgio Querzoli, Ivan Blecic, Paolo Matteini

2. Energy transition and knowledge flows in the border region of Silesia

Francesco Cappellano, Joanna Kurowska-Pysz, Kamila Ciszewska

3. Rethinking landscapes in a changing climate: An experiment from Spain

Irene Bianchi, Maria Vitaller del Olmo, Amalia de Götzen, Nicola Morelli, Grazia Concilio

4. Regional Capabilities to tackle climate change: setting a research agenda for big data driven tools

Levani Bzhalava, Teemu Makkonen

5. Effects of Climate Change on the Quality-of-Life Assessment Model in Alexandria, Egypt

Hoda El Safty, Aida Nayer

6. Collaborative governance and planning for urban biodiversity Nexus: An explorative study

Israa H, Mahmoud

7. Biodiversity as a key relational values for cities

Luca Lazzarini

8. Defining a peri-urban agrarian space as a socio-spatial and environmental unit. Lessons from Barcelona's local food system

Antonio Salvador

9. Urban Living Labs for socially inclusive and cohesive cities: the stakeholder engagement practices in Ljubljana and Thessaloniki

Spela Zalokar, Joanna Karas, Alberto Gotti, Eleni Feleki, David Kocman, Davor Kontić, Janja Snoj Tratnik, Rok Novak, Maria Alejandra Rubio Rojas, Dimosthenis Sarigiannis

10. The valorisation of Cultural Ecosystem Services in marginal territories. The case study of Villacidro in Sardinia

Anna Maria Colavitti, Alessio Flori, Sergio Serra

Glossa: a “glocal” knowledge system for the sustainability assessment of urban projects



Thursday 23rd May 14.30 - 19.00
 UNIRC - Architecture School - Room: A2
 On-line

1. A “GLOcal knowledge-System for the Sustainable Assessment of urban projects”

Francesca Abastante, Francesco Piras, Giuliano Poli

2. A participatory approach as a preliminary action for urban projects based on Natura - based solutions

Sara Biancifiori, Sara Torabi Moghadam, Patrizia Lombardi

3. Maps and SDG11: A complex but possible relationship

Isabella Maria Lami, Beatrice Mecca, Elena Todella

4. ITACA Plus: a new methodology to support urban design.

Margherita Penza, Francesca Abastante

5. An overview of tools and methods for the research field of urban sustainable development

Anna Limmatola, Marilisa Botte, Sveva Ventre, Maria Cerreta

6. Heritage Communities Urban Living Lab (HeCo ULL): A Circular Methodological Approach for Co-design through Social Multi-Criteria Evaluatio

Chiara Mazzarella, Ludovica La Rocca,

7. Prediction and Uncertainty in Social Impact Evaluation: A Classification Framework

Piero Zizzania, Eugenio Muccio, Sabrina Sacco, Maria Cerreta

8. A new tool for assessing sustainable mobility at the neighborhood level: methodology and application

Francesco Piras, Valeria Saiu, Ivan Blečić, Italo Meloni

9. A methodological proposal to assess proximity in functional urban areas

Ginevra Balletto, Martina Sinatra, Mara Ladu, Francesco Sechi, Giuseppe Borruso

10. Just Green Transitions: towards a potential framework for indicators

Erblin Berisha, Yahya Shaker, Elena Todella

Francesca Abastante - Politecnico di Torino, Italy. Associate Professor in Project Appraisal. Her research focuses on decision processes in urban planning with reference to SATools, MCDA and SDGs. She is involved/ has collaborated / coordinated a series of European and international research projects in the field. She is member of the societies SIEV, MCDM and EURO.

Francesco Piras - Università degli Studi di Cagliari, Italy. Senior researcher in Transportation Planning. His research focuses on accessibility and sustainable urban mobility planning, travel behavior analysis, and discrete choice modeling. He has collaborated on various national and European projects and is a member of SIDT and IATBR.

Giuliano Poli - Università Federico II di Napoli, Italy. Researcher in Urban Planning and Evaluation. His research focuses on sustainability assessment for planning and urban projects, Decision Support Systems and spatial MCDA. He has been currently collaborating in various national working groups and is an ordinary member of SIEV, CESET, and management board member of “Alberto Calza Bini” research center.



Riccardo Maria Pulselli - Mediterranea University of Reggio Calabria, Italy. Riccardo Maria Pulselli, Architect, PhD in Environmental Sciences, is researcher at the Department Heritage-ArchitectureUrbanism and teacher in the BSc and MSc in Design at UNIRC. He has studied and developed methods and models to investigate sustainability and promote solutions for ecological transition in urban, architectural and product design.

Stefano Magaudda - Roma Tre University, Department of Architecture, Italy. Stefano Magaudda, Architect, PhD in Regional Planning, is researcher at the Department of Architecture and teacher in GIS for urban and environmental planning at UNIROMA3. He conducts research in environmental and climate planning by developing an ecosystem approach to urban design and integrating collaborative governance practices for community engagement.

Friday 24th May 11.00 - 13.00

UNIRC - Architecture School - Room: A12

On- line

1. The Ecological Footprint to measure the environmental sustainability of buildings: A case study

Alice Paola Pomè; Chiara Tagliaro

2. Visualising the heat: A Street-Level approach to urban temperature prediction

Gabriele Stancato

3. Designing decarbonization of Mediterranean cities: a ten steps strategic plan in Reggio Calabria

Riccardo Maria Pulselli, Stefano Magaudda

4. Voluntary Carbon Market and implications for agricultural sector in Europe

Alessandro Scuderi, Giuseppe Timpanaro, Giulio Cascone, Alberto Continella, Mariarita Cammarata

5. (AtomConcept) An Atomic Concept for Automating Urban Design Creativity

Mohammed Mustafa Ahmed Ezzat

6. Appraisal of Quarries Excavation with ArcGIS tools using historical maps

Mariangela Musolino, Domenico Enrico Massimo, Carlo Bernardo, Francesco Calabrò, Roberta Errigo

7. Appraisal of quarry extracted volume

Domenico Enrico Massimo

Decision support in the urban context in the digital age: interactions and uncertainties (SUITE)



Thursday 23rd May 11.00 - 13.00

UNIRC - Architecture School - Room: A6

On-line

1. Decision support in an urban context in the digital age: interactions and uncertainties

Isabella M. Lami, Elena Todella

2. Sociotechnical perspectives for data practices. The impact of data - driven approaches to design theory and action

Francesca Moro

3. DECIDE: An outcome-driven decision support system for urban-regional planning

Diego Altafini, Camilla Pezzica, Clarice Bleil de Souza, Andrei Gagarin, Ges Rosenberg, Sam Gunne, Theo Tryfonas

4. How can Participatory AI implement Problem Structuring Methods for urban sustainability enhancement?

Sabrina Sacco, Giuliano Poli

5. The architectural design practice in the folds of decision-making processes

Elena Todella

6. Polarisation vs Homogeneity: Unveiling the Heterogeneity of Evaluations for Urban Regeneration

Ezio Micelli, Giulia Giliberto

7. Defining new neighborhood sustainable assessment tools through the Problem Structuring Methods

Isabella M. Lami e Francesca Abastante

Isabella M. Lami - Interuniversity Department of Regional & Urban Studies and Planning, Politecnico di Torino, Italy. Isabella M. Lami, Ph.D, is Professor of Urban Planning Evaluation and Project Appraisal. She has extensive experience in Multicriteria Decision Analysis, Problem Structuring Methods and decision-making processes in the context of urban and territorial transformations. She is involved/has collaborated/coordinated a series of European and international research projects in the field.

Elena Todella - Interuniversity Department of Regional & Urban Studies and Planning, Politecnico di Torino, Italy. Elena Todella, Ph.D., is an architect and a post-Doc research fellow at Politecnico di Torino. Her research activities concern Problem Structuring Methods and complex urban and architectural transformations, by focusing on both architectural design and decisionmaking processes. She is also involved in national and international projects related to sustainable evaluation and just green transitions.

Natural hazard: planning, management and sustainable mitigation strategies in coastal, river and urban areas

Giandomenico Foti - DICEAM Department - Mediterranean University of Reggio Calabria, Italy. Giandomenico Foti was born in Reggio Calabria (Italy) on June 16, 1980. He became a Ph.D. in Ocean Engineering at the Mediterranean University of Reggio Calabria. His research activity mainly concerns river and coastal morphodynamics and its interaction, and flood risk assessment and management.

Francesca Minniti - DICEAM Department - Mediterranean University of Reggio Calabria, Italy. Francesca Minniti was born in Reggio Calabria (Italy) on September 11, 1991. She became a Ph.D. in Ocean Engineering at the Mediterranean University of Reggio Calabria. She deals with research topics such as coastal natural hazards (especially tsunamis), risk assessment, management and planning related to coastal and river flooding.

Friday 24th May 11.00 - 13.00

UNIRC - Architecture School - Room: A8

On-line

1. Experimental and Numerical Efficiency Analysis of Absorbing-Type Vertical Breakwater

Emilio Lazzaro, Antonio Francone, Alice Leone, Agostino Lauria, Giuseppe Barbaro, Giuseppe Roberto Tomasicchio

2. Extreme events in a changing climate: the performance of meteorological forecasting models during the Mediane Zorba

Andrea Paglialunga, Letizia Lusito, Elisa Leone, Antonio Francone, Giuseppe Roberto Tomasicchio

3. Landscape Architects' Role in Mitigating Coastal Climate Change

Alessandro Villari, Mostafa Mowafak M. Hamed

4. Coastal Futures Reimagined: Personalizing Scenarios in Agent-Based Resilience Models

Charalampos Nikolaos Roukounis, Vassilios A. Tsihrintzis

5. Planning and management of coastal areas. Case study: Reggio Calabria, Southern Italy

Giandomenico Foti, Francesca Minniti, Giuseppe Mauro, Bruno Doldo, Giuseppe Barbaro

6. Calabria (Italy): an interesting case study of natural hazard risk

Giandomenico Foti, Francesca Minniti, Daniela D'agostino, Francesco Visconi, Giuseppe Barbaro, Giuseppe Bombino

7. Alien and invasive flora in Algarve (Southern Portugal)

Ricardo Quinto Canas, João Neiva, Delisa Xarepel, Ana Cano - Ortix, Mauro Raposo, Carlos Gomes

8. Shoreline Response and Morphological Characteristics Behind Coastal Protection Structures: A Case Study In Southern Italy

Felice D'Alessandro



Geomatic techniques and methodologies for environment and cultural heritage management and for urban resilience

Friday 24th May 8.30 - 13.00

UNIRC - Architecture School - Room: AT

On- line

1. Moving forwards sustainable urban resilience and cultural heritage conservation through modelling environments

Sonia Calluso, Fortunato Bruzzaniti, Francesco Piero Spanò, Francesco Giordano, Graziella Alvaro

2. UAV-Enhanced Geomatics for Real-Time Monitoring and Preservation of Buildings

Giuseppe Maria Meduri, Sonia Calluso, Maurizio Pasquale Manti, Fortunato Bruzzaniti

3. Parcel Delivery with EceFriendly Drone Technologies

Gabriele Barrile, Clemente Maesano, Sonia Calluso, Piero Francesco Spano'

4. Management of biodegradation of cultural heritage by Terrestrial Laser Scanning (TLS). A case study: Roman's aqueduct Constantine, Algeria

Meriem Seghiri, Yasser Benzagouta, Caterina Gattuso, Mohamed Zouidi, Abdelaziz Debbache, Dounia Keddari

5. Geomatics and forecasting systems for monitoring atmospheric pollutants

Stefano Bonfa, Emanuela Genovese, Clemente Maesano, Francesco Cotroneo

6. An XML-based multi-agent system for adaptive management of an employment agency

Piero Francesco Spanò, Giuliana Bilotta, Giuseppe Maria Meduri, Sonia Calluso

7. A Smart Green Strategy and Big Data Analytics for mapping land use changes

Giuliana Bilotta, Stefano Bonfa, Piero Francesco Spanò, Sonia Calluso, Maurizio Pasquale Manti

8. Innovative Approach to Cultural Accessibility: a Study on the Use of an Augmented Reality App for People with Disabilities

Francesco Cotroneo, Luigi Bibbò, Piero Francesco Spanò, Giuliana Bilotta

9. Bridge seismic evaluation through processing techniques and UAV photogrammetric investigation

Eugenio Chioccarelli, Giuseppe Maria Meduri, Vincenzo Barrile

10. Optimal Sites selection for photovoltaic panels: a Review between AI and Geomatics methodologies

Emanuela Genovese, Mario Versaci, Vincenzo Barrile

11. Geomatic aspect of urban resilience in the Kantian philosophy of science

Vincenzo Barrile, Emanuela Genovese, Luigi Mussio

Vincenzo Barrile - Geomatics Laboratory of DICEAM, Depart. Of Civil, Energy, Environmental and Materials Engineering, Mediterranean University of Reggio Calabria, Italy. Professor of Geomatics SSD ICAR/06. Scientific Supervisor and Leader of the Geomatics Laboratory of DICEAM, Depart. Of Civil, Energy, Environmental and Materials Engineering – Mediterranean University of Reggio Calabria. Expert in Remote Sensing, GNSS, Laser Scanner, Georadar, Virtual/Augmented/Mixed Reality, Cultural Heritage, 3D modeling, photogrammetry, Geographical Information Systems.

Emanuela Genovese - Geomatics Laboratory of DICEAM, Depart. Of Civil, Energy, Environmental and Materials Engineering, Mediterranean University of Reggio Calabria, Italy. Technical Supervisor of the Geomatics Laboratory of DICEAM, Depart. Of Civil, Energy, Environmental and Materials Engineering - Mediterranean University of Reggio Calabria. Expert in drones surveings and Geographical Information Systems data management.

Urban competitiveness and & sustainable socio-economic and ecological developments

Wahdashuker Mahmoud Al-Hinkawi - Department Of Architecture, University of Technology, Baghdad, Iraq. Master of science in architectural engineering 1995 , from university of technology - Iraq Ph.D in architecture 1999 from university of technology - Iraq from university of technology - Iraq Supervised more than twenty master and PH.D. thesis .A member of many scientific committees. Reviewer for many of local and international journal. Head of the department of architecture from 2014 to 2016. Editore in chief for the Iraq journal for architectural engineering.

Ibtisam Abdulelah Mohammed Al Khafaji - Department of Architecture - AL-ESRAA University College, Baghdad, Iraq. HEAD OF ARCHITECTURE DEPARTMENT 2023. BSC. degree In architecture Engineering - University of Technology, 1995, Iraq. Master of Science in Architectural Engineering- University of Technology 1999, Iraq. Ph.D. in architecture - Università degli Studi Mediterranea di Reggio Calabria, 2013, Italy

Thursday 23rd May 14.30 - 19.00

UNIRC - Architecture School - Room: AT

On- line

1."Social impact" assessment in the new farm welfare model

Alessandro Scuderi, Luisa Sturiale, Giovanni La Via, Gaetano Chinnici, Carla Zarba

2. Meliorating Interactivity In Urban Landscape By Using Public Art

Al Khafaji Ibtisam Abdulelah Mohammed, Al Basry Ghasan.J.Al Basry

3. Using digital fabrication for enhancing spatial experiences of small inner spaces

Ann Samari Ibrahim

4. Temporary Architecture: A Strategy to Enhance the Light Competitive Image

Mahmood Hussein Al-Musawi, Safaaaldeen Hussein Ali

5. The role of land use Diversity and vitality in the urban systems organization. The case study of Baghdad Al - karkh

Sara Abdul Aalie Rasheed, Wahda Shuker mahmoud

6. The Visual journey through urban streets

Maha Haki Ismael, Zainab Hayder Mohammed Ali, Dania Luay Abdulridha

7. Reintegration of Slums by Employing the Concept of Rhizome

Sudaff Mohammed, Wahda Shuker Al-Hinkawi, Nada Abdulmueen Hasan

8. Designing interactive space by using smart technology in Tahrir Square

Fatima Abdullah Shuhaib, Hajer Bakr alomary

9. The Notion of Urban Imprint and its Manifestations and Transformations in Paris, Dubai, and Baghdad

Abbas Abdulrahman

10. Change Management In Urban Landscape

Neda Khalil Ibrahim Al-Arab, Rawaa Fawzi Naom Abbawi



Urban competitiveness and & sustainable socio-economic and ecological developments

Thursday 23rd May 14.30 - 19.00

UNIRC - Architecture School - Room: AT

On- line

11. City Reputation: A Comparative Analysis of Baghdad and Tokyo

Shireen K. Zedan, Asmaa M. H. Al-moqaram

12. The role of communication strategy in branding the historic city of Baghdad

Shireen K. Zedan, Asmaa M. H. Al-moqaram

13. Urban completeness and the transformation of identity (case study _ investment residential in Baghdad)

Seemon Matte Abbo Bolise, Marwah Jabbar Hamzah Hasan Ibtisam Ab-dulelah Mohammed Al Khafaj

14. The Impact of Safe Pedestrian Environment on the Competitiveness of Contemporary Residential Districts: Case study - Al-Amal Residential Neighborhood in Basra City

Sabaa Mujtaba Abdulwahid, Safaaaldeen Hussein Ali, Mohammed Salih Alquraishi

15. Architecture as a Mirror of Social Relations: An Analytical Study of Community-Architect Relationships and Sustainable Development

Noorah Nasif Jasim, Dr. Basim Hasan Al-Majidi

Wahdashuker Mahmoud Al-Hinkawi - Department Of Architecture, University of Technology, Baghdad, Iraq. Master of science in architectural engineering 1995 , from university of technology - Iraq Ph.D in architecture 1999 from university of technology - Iraq Supervised more than twenty master and PH.D. thesis .A member of many scientific committees. Reviewer for many of local and international journal. Head of the department of architecture from 2014 to 2016. Editore in chief for the Iraq journal for architectural engineering.

Ibtisam Abdulelah Mohammed Al Khafaji - Department of Architecture - AL-ESRAA University College, Baghdad, Iraq. HEAD OF ARCHITECTURE DEPARTMENT 2023. BSC. degree In architecture Engineering - University of Technology, 1995, Iraq. Master of Science in Architectural Engineering- University of Technology 1999, Iraq. Ph.D. in architecture - Università degli Studi Mediterranea di Reggio Calabria, 2013, Italy

Territorial resilience to climate risks: organizations, institutions and society

Roberta Troisi - University of Salerno, Italy. Roberta Troisi is a business organization professor at the University of Salerno. Her main interest deals with organizations and territories. Her work has been published in international journals like Land Use Policy and Small Business Economics. In 2022, her article, "Private Corruption: An Integrated Organizational Model," received the European Management Review's Best Article Award.

Gaetano Alfano - Politecnico di Torino, Italy. Gaetano Alfano is a research fellow at the Politecnico di Torino. His main interest deals with the organizational challenges in territorial ecosystems. His works are published in international journals as Small Business Economics and Local Government Studies.

Elena Miceli - Politecnico di Torino, Italy. Elena Miceli is PhD student in Civil and Environmental Engineering at Politecnico di Torino. She earned her master degree in Structural Engineering in 2020 at Politecnico di Torino. Her studies deal with risk, robustness and safety assessment of structural systems. She is author of some publications in international conferences and journals.

Thursday 23rd May 17.00 - 19.00

UNIRC - Architecture School - Room: A8

On- line

1. A Performativist Take on Resilience in Infrastructure Maintenance

Rasmus Gahrn-Andersen

2. Seismic performance of reinforced concrete moment resisting frames through reliability analysis

Elena Miceli, Gaetano Alfano

3. Organizational Analysis to Improve Safety Planning of Road Networks

Roberta Troisi, Marianela Ripani, Elena Miceli, Paolo Castaldo

4. Safety evaluation of an existing PRC bridge beam: preliminary outcomes of in-situ test

Diego Gino, Luca Giordano, Paolo Castaldo

5. Cost estimation in the implementation of new technologies: the case of green hydrogen

Roberta Troisi Massimiliano De Iulii

6. Environmental Strategies: Insights into Local and NonLocal Business Practices and Innovation

Gaetano Alfano, María Pache Durán, Rocío Blanco Gregory

7. The Italian regionalism grappling with Climate Change: A further turn towards unequal asymmetry

Antonietta D'Elia, Marcello Giuseppe Feola

8. Remote Sensing data and GIS technology to analyze the Land Use and Land Cover Changes: A Case Study in Sicily

Michele Mangiameli, Marcantonio Bentivegna, Giuseppe Mussumeci



Friday 24th May 8.30 - 10.30

UNIRC - Architecture School - Room: A8

On- line

1. Sky's No Limit for Women: Achieving Gender Equity in Aviation

Maria Vittoria Corazza

2. How hull shape reduction can produce energy savings

Davide Caccavaro, Bonaventura Tagliafierro, Corrado Altomare, Alessio Caravella, Gianluca Bilotta, Roberto Gaudio, Agostino Lauria

3. Fair-sustainable mobility and indicators of equity in transport

Domenico Gattuso, Domenica Savia Pellicanò, Gaetana Rubino

4. A modeling approach for estimating the attractive capacity of walking

Domenico Gattuso, Domenica Savia Pellicanò, Gaetana Rubino, Caterina Gattuso

5. Evaluation of a possible model of resilient and environment-friendly transport: mobility on demand in Catania (Italy)

Luisa Sturiale, Vincenza Torrasi, Elena Cocuzza, Matteo Ignaccolo

6. Tuning a crash risk framework for urban bus safety assessment: A case study from Cagliari (Italy)

Roberto Ventura, Giulio Maternini, Benedetto Barabino

Domenico Gattuso - DICEAM Department, Mediterranean University of Reggio Calabria, Italy. Full Professor of Transportation Engineering. Director of the LOGICA Laboratory. Author of more than 300 scientific papers and many dissemination publications. Current research interests are mainly focused on urban transportation planning, advanced public transport systems, ITS applications for smart mobility, inter-modal freight transport and logistics.

Gaetana Claudia Rubino - DICEAM Department, Mediterranean University of Reggio Calabria, Italy. Ph.D. student and Subject Expert at Mediterranean University. Research focuses on sustainable mobility, walkability, and logistics. With two decades of experience at the Crotona Chamber of Commerce, she manages national and international projects. Holds degrees in Engineering, Communication Sciences and certifications as a Project Manager and journalist.

Domenica Savia Pellicanò - DIIES Department, Mediterranean University of Reggio Calabria, Italy. Researcher fellow in Transportation Systems at Mediterranean University. The research activity focused on traffic environmental impacts, on the methods for optimizing mobility on transport networks, on public transport services, on tourist, sustainability and accessibility trips. She is co-author of several papers published in international journals and at international conferences.

14 Housing living home, living space

Alberto De Capua - Department of Architecture and Territory, Mediterranean University of Reggio Calabria, Italy. Associate Professor and PhD in Technology of Architecture. He has been Scientific Responsible for the Innovation Pole for Sustainable Building Green Home for the Mediterranean University. Since 2016 he is Chief Technical Officer and promoter of the academic spin-off M.A.D.E. Concept. Since 2019 he coordinates the applied research unit 'Methods and Techniques for Living'.

Lidia Errante - Department of Heritage-Architecture-Urbanism, Mediterranean University of Reggio Calabria, Italy. PhD in Architecture and Territory, Post-Doctoral Researcher in Sustainable Buildings (2019—2021). Her research activities, mentioned in several scientific papers and books, focusing on the quality of life at urban and domestic scales. She is professor of Visual Design and teacher assistant in Architecture Technology and Design and a member of the research unit META

Thursday 22nd May 8:30 - 10:30

UNIRC - Architecture School - Room: AT

On-line

1. The right to housing

Alberto De Capua

2. Renewal Strategy for Aging Residential Open Spaces: 'Zayouna Residential Neighborhood' in Baghdad as a Case Study

Thanaa Hussein Rudaini, Rana Mazin Mahdi,

3. The fragmentary social-spatial logic and the production of social housing under the Brazilian program "Minha Casa Minha Vida"

Gustavo Nagib, Katia Atsumi Nakayama

4. Challenging contemporary housing: Ralph Erskine's Byker Wall

Lidia Errante, Maria Rossana Caniglia

5. Evaluation of the Economic and Academic Performance Impacts of Institutional and Private University Student Housing Solutions

Maria Macchiaroli, Luigi Dolores, Gianluigi De Mare

6. Urban governance and the housing crisis: a review and research agenda

Francesca Sabatini

7. Demographic shift and housing market: Evidence from Italian Metropolitan Cities

Ezio Micelli, Giulia Giliberto, Eleonora Righetto

8. What has COVID-19 taught us? Student housing in a post-pandemic era

Oscar Eugenio Bellini, Marisa Romagnoli, Marianna Arcieri



The role of tourism sector in achieving more inclusive, safe, resilient and sustainable cities: approaches, methods and tools

Friday 24th May 8.30 - 13.00

UNIRC - Architecture School - Room: A6

On-line

1. BNB-COMMON: parametric architectural project

Silvia Dalzero

2. Modeling the development scenarios for Ukraine in the context of the EU circular economy, using fuzzy set theory

Stepan Vorobets, Viktoriya Voytsekhovska, Viktoriya Voytsekhovska, Lev Zahoretskyi, Denys Butynskyy

3. Towards Sustainable Tourism with Variabile K: Community-based Strategies for Urban Development

Lilia Delle Rose

4. Addressing overtourism by rebranding Santiago de Compostela: deconcentration initiative focused on the City of Culture of Galicia

Jose Ignacio Vila Vázquez, Aránzazu Pérez Indaverea

5. Culture-led regeneration model for built heritage in touristic landscape

Francesca Ciampa, Maria Rita Pinto

6. Climate change and coastal tourism: vulnerabilities, impacts and policies in the Euro-Mediterranean context. Sustainable planning perspectives in Italy and France

Maria Fabrizia Clemente, Maria Fabrizia Clemente, Ivan Pistone

7. Sustainable planning and overtourism in the island of Capri

Antonio Aciermo, Ivan Pistone

Martina Bosone - University of Naples Federico II, Italy. Researcher in Evaluation at the Department of Architecture of the University of Naples Federico II. Her research was developed in National and European Horizon 2020 projects, focusing on innovative methods and tools for assessing multidimensional impacts of cultural heritage regeneration in the circular economy perspective. Member of Ce.S.E.T., ISCEC - ICOMOS Italia, FRH, AAA.

Francesca Nocca - University of Naples Federico II, Italy. Researcher in Environmental Economics and Evaluation at the Department of Architecture (DiARC) of the University of Naples Federico II. From 2018 to 2020 she was a post-doc researcher at DiARC. In 2017 she obtained the PhD in Architecture (specific curriculum in urban planning and evaluation). She is member of SIEV, ICOMOS, ISCEC, Ce.S.E.T.

Pasquale De Toro - University of Naples Federico II, Italy. Professor of Evaluation Methods for Urban Planning at the University of Naples Federico II. From 2016 to 2022 Director of the Interdepartmental Center for Research in Urban Planning "Alberto Calza Bini". President of the National Institute of Urban Planning - Campania Section; member of Ce.S.E.T., SIEV and of National Association of Environmental Analysts.

Luigi Fusco Girard - University of Naples Federico II, Pegaso Online University, Italy. Emeritus Professor of Environmental Economics and Evaluation at the University of Naples Federico II. Associate Professor at CNR-IRISS. Scientific Coordinator of European Horizon 2020 project "CLIC"; Director of Laboratory of Research on Creative and Sustainable City, Lead Partner World Urban Campaign; Co-President of "Global Urban Development Program Committee on Celebrating Our Urban Heritage



15

The role of tourism sector in achieving more inclusive, safe, resilient and sustainable cities: approaches, methods and tools

Martina Bosone - University of Naples Federico II, Italy. Researcher in Evaluation at the Department of Architecture of the University of Naples Federico II. Her research was developed in National and European Horizon 2020 projects, focusing on innovative methods and tools for assessing multidimensional impacts of cultural heritage regeneration in the circular economy perspective. Member of Ce.S.E.T., ISCEC –ICOMOS Italia, FRH, AAA.

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Pasquale De Toro - University of Naples Federico II, Italy. Professor of Evaluation Methods for Urban Planning at the University of Naples Federico II. From 2016 to 2022 Director of the Interdepartmental Center for Research in Urban Planning "Alberto Calza Bini". President of the National Institute of Urban Planning - Campania Section; member of Ce.S.E.T., SIEV and of National Association of Environmental Analysts.

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Friday 24th May 8.30 - 13.00

UNIRC - Architecture School - Room: A6

On- line

8. Adaptive Reuse of Industrial Heritage and Circular Tourism: an Impact Evaluation Framework

Francesca Nocca, Martina Bosone, Francesca Buglione, Pasquale De Toro

9. Muslim-Friendly tourism as Sustainable Tourism: multidimensional evaluation framework for tourists and destinations

Martina Bosone, Francesca Nocca, Barbara Pirelli

10. Analysis on the distribution of short-term rentals in the Quartieri Spagnoli: considerations about the regulation of the phenomenon in the city of Naples

Manuel Orabona, Walter Molinaro

11. Making Visible the Invisible: Valorising Maltese Underground Flour Mills in a Sustainable Tourism Perspective

Valeria Catanese, Giuseppe Pace

12. Sustainable Strategies for Mitigating Tourism Pressures: Regeneration criteria for Ortygia Island, Sicily

Stefania De Medici

Structural retrofitting and monitoring by sustainable and compatible methods



Friday 24th May 11.00 - 13.00

UNIRC - Architecture School - Room: A11

On- line

1. A Soft Computing Approach for Sensory Analysis with Thermographic Techniques for Structural Monitoring of Bronze Statues

Danilo Praticò, Salvatore Calcagno, Fabio Gattuso, Filippo Laganà, Giuseppe Oliva, Salvatore A. Pullano, Fabio La Foresta

2. Innovative techniques for analysis, monitoring and priorities infrastructure interventions through the application of GIS systems

Alessia Comi, Salvatore Mazzaferro, Antonino Fotia

3. From UAVs to as-built BIM models: automation in infrastructure management and monitoring processes

Salvatore Mazzaferro, Alessia Comi, Antonino Fotia

4. The Menta Dam: Design Criteria, Inspections, and UAV Monitoring

Giuseppe Bova, Giuseppe Ielo, Fabio Triglia

5. Monitoring and Piled Design Solutions for Mitigating Landslide Movements on an Interurban Road

Giuseppe Ielo, Fabio Triglia, Giuseppe Bova

6. Monitoring and Revitalization: Enhancing Masonry Structures in a Hospitality Complex

Fabio Triglia, Giuseppe Bova, Giuseppe Ielo

Antonino Fotia - Mediterranean University of Reggio Calabria, Italy. University researcher in ICAR/09, specializing in the structural analysis of buildings and infrastructure using drone image analysis. Dedicated to advancing knowledge in the field through innovative research methods.

Rocco Buda - Mediterranean University of Reggio Calabria, Italy. PhD Icar/09 researcher focused on structural retrofitting through sustainable and compatible methods. Committed to advancing knowledge in the field of structural engineering with a focus on environmentally friendly and effective solutions.



Raffaele Pucinotti - Mediterranea University of Reggio Calabria, Italy. Associate Professor in Structural Engineering. His research mainly focuses on seismic vulnerability of reinforced concrete structures and on Seismic performance of composite beam-to-column joints. He has published more than 100 peer-reviewed journal/conference papers within the above-mentioned topics. He is a member of editorial boards of some international journals.

Marco Tanganelli - Department of Architecture, University Of Florence, Italy. His research focuses on the evaluation of seismic performance of civil structures. In detail: 1. Evaluation of seismic performance of irregular structures. 2. Non-linear analysis of reinforced concrete structures. 3. Methods and procedures for mechanical characterization of concrete sample of civil structures. 4. Seismic vulnerability of historic buildings and monuments.

Wednesday 22nd May 14.30 - 16.30

UNIRC - Architecture School - Room: AT

On - line

1. Innovative and sustainable composite material for the seismic and energetic retrofit of masonry infill walls

Buda Rocco, Concettina, Antonino Nucara, Matilde Pietrafesa, Raffaele Pucinotti

2. Seismic performance assessment of a strengthened masonry public building in Tuscany

Maria Teresa Cristofaro, Angelo D'Ambrisi

3. Double-skin façades as vibration absorbers in the presence of imprecise seismic excitation

Federica Genovese, Alba Sofi

4. Confinement of brick masonry columns with compatible composite systems

Valerio Alecci, Mario De Stefano, Stefano Galassi, Gianfranco Stipo

5. Seismic and energetic study of infill-wall prototype: energetic aspects

Buda Rocco, Roberta Errigo, Domenico Enrico Massimo, Raffaele Pucinotti

6. Integrated approach to the functional, structural, and energy assessment of a school building

Marco Tanganelli, Mattia Cappello, Luca Marzi

7. Seismic and energetic study on infill wall prototype:

Seismic aspect

Buda Rocco, Roberta Errigo, Domenico Enrico Massimo, Raffaele Pucinotti

Innovative strategies and solutions to regenerate cities: assessment issues



Thursday 23rd May 14.30 - 16.30

UNIRC - Architecture School - Room: A7

On-line

1. Preliminary Evaluation Approaches in the Urban Regeneration of Corviale in Rome

Fabrizio Finucci, Antonella G. Masanotti, Daniele Mazzoni

2. Targeted Model of Social Housing: an Operational Declination of the Break-Even Analysis for Determining Rents

Fabrizio Battisti

3. Applicability of Methodological Approaches and Tools for Detecting Preferences in Housing Choice

Fabrizio Battisti, Vittoria Ventura

4. Thermal Insulation Material for Building Envelope: an Affordability Evaluation

Giovanna Acampa, Fabrizio Finucci, Mariolina Grasso

5. The URGET VADEMECUM 2030-2050 project: applying Threshold Theory to sustainable urban mobility

Giovanna Acampa, Alessio Pino, Francesco Alberti, Giacomo Rossi

6. Applicability of Methodological Approaches and Tools for Detecting Preferences in Housing Choice

Fabrizio Battisti, Orazio Campo, Fabiana Forte

Giovanna Acampa - University Kore of Enna - Department of Architecture (DIDA), University of Florence, Italy. Giovanna Acampa, Associate Professor at the Faculty of Engineering and Architecture of the University of Enna Kore and at the Department of Architecture DIDA of the University of Florence Scientific disciplinary sector ICAR22. She carries out research on the topics of valuation, environmental sustainability and cost optimisation in building's management.

Fabrizio Battisti - Department of Architecture (DIDA), University of Florence, Italy. Fabrizio Battisti (Ph.D.), Senior Researcher at Department of Architecture of University of Florence Scientific disciplinary sector ICAR22. He carries out research on various issues relating to Estimation and Evaluation, in particular in support of settlement transformation processes, urban regeneration and strategic planning of territorial infrastructures.



Giovanna Acampa - University Kore of Enna - Department of Architecture (DIDA), University of Florence, Italy. Giovanna Acampa, Associate Professor at the Faculty of Engineering and Architecture of the University of Enna Kore and at the Department of Architecture DIDA of the University of Florence Scientific disciplinary sector ICAR22. She carries out research on the topics of valuation, environmental sustainability and cost optimisation in building's management.

Francesco Alberti - Department of Architecture (DIDA), University of Florence, Italy. Prof. Eng. Francesco Alberti graduated in Building Engineering from the University of Florence in 1995. He obtained a Ph.D. in Urban, Regional, and Environmental planning in 2004. Since 2017, he has been an Associate Professor in Urban and Landscape Planning at the University of Florence.

Alessio Pino - Faculty of Engineering and Architecture, University of Enna "Kore", Italy. M° Eng. Alessio Pino graduated in Building Engineering from the University of Naples "Federico II" in 2019. In 2022, he entered the Ph.D. course in "Smart Systems for Engineering" at the University of Enna "Kore". His research interests are focused on Estimation and Evaluation and Urban Analysis and Regeneration.

Thursday 23rd May 17.00 - 19.00

UNIRC - Architecture School - Room: A7

On - line

1. The Ancient Modernity of "The Line"

Cristiano Luchetti

2. Village repopulation: analysis of extra-economic indicators to evaluate and valorise social generativity in ecovillage

Giovanna Acampa

3. Metropolis of the Second Modernity in the Ecological Age: Crafting a Sustainable Future

Antonella Contin

4. Green spaces accessibility in Historic Urban Centres The potential role of courtyards in the case of Milan

Maria Stella Lux, Carlo Andrea Biraghi

5. Assessing Territorial Capabilities to support decision-making: A multi-sectoral and cross-scalar governance tool

Ivan Blečić, Arnaldo Cecchini, Valeria Saiu, Andrea Giuseppe Trunfio

6. Centre versus periphery. Territorial imbalance from perspectives of the multiple capital dimensions

Maria Rosa Trovato, Ludovica Nasca, Salvatore Giuffrida, Vittoria Ventura

7. Concepts and tools for the emergence of the axiological subject in the prospect of territorial rebalancing

Salvatore Giuffrida, Maria Rosa Trovato, Vittoria Ventura, Cheren Cappello, Ludovica Nasca

Built heritage conservation in contemporary territorial systems: planning and evaluation challenges



Thursday 23rd May 8.30 - 13.00
UNIRC - Architecture School - Room: AM

1. A new assessment model for the restoration project of listed buildings and the planning of interventions, between resilience and sustainability

Marina Rossini, Sergio Pratali Maffei, Sergio Copiello

2. Heritage preservation and Next Generation EU Program: possible convergences?

Caterina Valiante, Annunziata Maria Oteri

3. What future for small historical centres in inner areas? The case study of Guardia Sanframondi in the Campania Region

Giada Limongi, Anna Napolitano, Adriana Galderisi

4. Assessing the market value of heritage properties: theoretical and methodological issues

Marco Rossitti, Giulia Datola, Alessandra Oppio, Francesca Torrieri

5. Dismissed historic buildings and new reuse strategies: the case of edifici mondo in the city of Salerno (Italy)

Antonia Gravagnuolo, Mariarosaria Angrisano, Luigi Fusco Girard

6. The system of Sicilian archaeological parks as a governance model for the enhancement of inner and metropolitan areas

Fabrizio Giuffrè, Clelia La Mantia, Renata Prescia

7. Addressing decisions about courthouse's siting: a multidimensional approach

Marta Dell'Ovo, Alessandra Oppio, Emilia Corradi, Davide Del Curto, Laura Pogliani, Iaria Valente

8. A framework research: investigating different methods and solutions to map built heritage at risk through participatory and crowd actions

Giulia Datola, Marco Rossitti, Elisabetta Colucci, Jessica Comino

9. The value of Common Cultural Goods (CCGs): a realist evaluation framework to assess the impact of re-use interventions on commons-like cultural heritage

Danny Casprini, Alessandra Oppio

Giulia Datola - Department of Architecture and Urban Studies (DASTU), Politecnico di Milano, Italy. Architect, PhD in Urban and Regional Development. She is a junior researcher in real estate appraisal at Politecnico di Milano. Her research interests are related to implementing integrated and multidimensional evaluation frameworks for assessing projects and plan sustainability, supporting complex decisional processes, and evaluating the multidimensional value of Nature-Based Solutions (NBS) implementation.

Annunziata Maria Oteri - Department of Architecture and Urban Studies (DASTU), Politecnico di Milano, Italy. Full professor in Architectural Restoration, Member of the PhD board in Preservation of Architectural Heritage, and Director of the Post-Graduate School in Architectural and Landscape Heritage at Politecnico di Milano. Her recent studies have addressed depopulation processes in small towns and the strategies for abandoned heritage conservation.

Marco Rossitti - Department of Architecture, Built Environment and Construction Engineering (DABC), Politecnico di Milano, Italy. Building engineer and PhD in Preservation of Architectural Heritage. He is a Junior Assistant Professor (RTDA) in Real Estate Appraisal at Politecnico di Milano. His research interests focus on defining and implementing evaluation methodologies to support heritage conservation and enhancement and territorial transformations from a public and private perspective.

Francesca Torrieri - Department of Architecture, Built Environment and Construction Engineering (DABC), Politecnico di Milano, Italy. PhD, Associate Professor in Real Estate Appraisal at Politecnico di Milano. She is the author of published works on various topics, including real estate appraisal, investments in cultural and environmental assets, regeneration projects on degraded areas, and enhancing disused buildings.

Urban decision-making in the era of digitalisation and artificial intelligence

Isabella M. Lami - Interuniversity Department of Regional & Urban Studies and Planning, Politecnico di Torino, Italy. Isabella M. Lami, Ph.D, is Professor of Urban Planning Evaluation and Project Appraisal. She has extensive experience in Multicriteria Decision Analysis, Problem Structuring Methods and decision-making processes in the context of urban and territorial transformations. She is involved/has collaborated/coordinated a series of European and international research projects in the field.

Stefano Moroni - Department of Architecture and Urban Studies, Polytechnic of Milan, Italy. Stefano Moroni is professor of Planning at Milan Polytechnic University. He is a member of the Department of Architecture and Urban Studies. He teaches "Institutional design" and "Planning ethics". He is a member of the editorial board of the international journal "Planning theory". His main research interests are planning theory, applied ethics and philosophy of law.

Thursday 23rd May 14.30 - 19.00

UNIRC - Architecture School - Room: A6

On- line

1. The Italian way of urban regeneration: where digitalisation is not a valid and fruitful 'option'

Beatrice Maria Bellè

2. Discretion, justification, and legitimation in contemporary urban decision making. A reflection on the role (and risks) of Urban AI

Ruggero Signoroni

3. (Urban) Decisions and AI

Isabella Lami, Stefano Moroni

4. AI-based tools to enhance visioning and urban decision making in future deliberative processes within the web-platform Decidim

Pietro Bova

5. Varieties of Social Impact Investing. A Philosophical View

Daniele Chiffi, Luca Zanetti, Malvina Ongaro, Lorenza Petrini

6. Can AI build a city?

Anita De Franco

7. Decision-Making in Complex Infrastructure Work: Data-Driven Intuition?

Maria Stefania Festila, Davide Secchi, Rasmus Gahrn-Andersen

8. Contingent and structural limitations of digital twins. Investigating the nature of cities and urban neighbourhoods

Stefano Moroni

9. An epistemological-political meta-account of Digital Urban Twins

Tommaso Listo

10. Machine learning in urban decision-making: potential, challenges, and experiences

Nastaran Esmaeilpour Zanjani, Caterina Pietra, Roberto De Lotto

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research



22nd May

Opening Supersession SITdA_

14.30 Auletta Bianca dArTe Cittadella Universitaria

Welcomes

Massimo Lauria, Prorettore alla Ricerca Unirc e M.Teresa Lucarelli, Prof.ssa Ordinario ssd icar 12

Opening Supersession SITdA

Mario Losasso, Presidente SITdA;

Elena Mussinelli, Editor in Chief TECHNE

Introduction to Intercluster Progettazione Ambientale + Energia, Clima e Architettura

Consuelo Nava, referente di sede cluster PA;

Martino Milardi, referente di sede cluster ECA

23rd May

Closing Supersession SITdA

12.00 Auletta Bianca dArTe

Thank's

Francesco Calabrò, Carlo Morabito_Coordinatori Scientifici NMP2024

Consuelo Nava Martino Milardi, referenti di sede cluster PA, ECA

Work Chairs/Thematic Session Progettazione Ambientale + Energia, Clima e Architettura

cluster PA_ F.Tucci, V.D'Ambrosio; F. Ottone, E.Antonini, F.Giglio

cluster ECA_ P.M.Davoli, P.Gallo, C. Sposito, F.Angelucci, C.Trombetta

Overview Supersession SITdA

Andrea Tartaglia, POLIMI;

Elena Mussinelli, Editor in Chief TECHNE;

Mario Losasso, Presidente SITdA



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Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research

Consuelo Nava - Mediterranea University of Reggio Calabria, Italy. Consuelo Nava, architect, Full Professor and PhD in Technological and Environmental Design in Architecture at the Department of Architecture and Territory of the Mediterranean University of Reggio Calabria; she is coordinator of the Master's of degree in Architecture and Deputy Director of the Department. Coordinator of the local Cluster "Environmental Design" and member of Italian Society of Architectural Technology (SITdA). She is PI and lead team, also evaluator of national and international tenders and leads teams in highly innovative research paths. She is the director of the master class 'Regenerative Digital Design for Climate Change', a high level training programme at national level.

Mario Losasso - University of Naples Federico II, Italy. Mario Losasso, architect, Full time Professor of Architectural Technology, Head of the Department of Architecture, University of Naples Federico II from 2013 until 2018. From 2021, is Rector's Delegate for Building, maintenance and new settlements, University of Naples Federico II; from 2022 is coordinator of the Spoke "Urban and metropolitan settlements" of PNRR PE3 "Progetto "Multi-Risk sciEnce for resilientT commUnities undeR a changiNg climate (RE-TURN)"; from 2020, is Delegate for External Relations of Scuola Politecnica e delle Scienze di Base, University of Naples Federico II; Erasmus Coordinator, Faculty of Architecture of the University of Naples Federico II and Hochschule für Technik Berlin - University of Applied Sciences.

Fabrizio Tucci - Sapienza University of Rome, Italy. Full Professor in Technology of Architecture and Environmental Design, PDTA Dept., Faculty of Architecture, "Sapienza" University of Rome (structured since 2001), where he is: Director of the Department Planning, Design, Technology of Architecture (since 2021); Director of the II level Master in Environmental Technological Design (since 2020); Coordinator of the Curr. Environmental Technological Design of the PDTA PhD Program (since 2020); Scientific Supervisor for Doctorate International Exchanges with the Ecole Nationale Supérieure d'Architecture (ENSA) of Grenoble, Toulouse, Nancy and Paris-Malaquais, and with the Politecnica University of Tirana (since 2019); Scientific Director and Conference Coordinator of 50 International Conferences (since 2001).

Wednesday 22nd May 16.00 - 19.00;
UNIRC - Architecture School - Room: A11
On- line

TS22 - PA1 - REGENERATIVE DESIGN AND IMPACT ASSESSMENT FOR CLIMATE ADAPTATION

1. A computational design approach for climate change adaptation and UHI mitigation

Katia Perini, Francesca Mosca,

2. A distributed approach to Flood Risk Management through participation: results from a literature review

Francesca Vanelli, Monica Lavagna, Paul Minifie

3. Heat waves response strategies through technological approach for adaptation and mitigation in urban areas

Fabrizio Tucci, Domenico D'Olimpio, Marco Cimillo, Valeria Cecafosso, Marco Giampaolletti, Federica Nava

4. Application of Computer Simulation Tools in Collaborative Efforts Among Scientists, Architects, and Officials

Malgorzata Kozak, Consuelo Nava

5. A new workflow for Human and Atmospheric Well-being through Urban Regeneration Actions. The study of the PNACC and the experimentation of climate simulations for the definition of Adaptive Technologies in the pre-design phase

Daniela Laganà, Federico Filice

6. WorkerBEE: a 3D Modelling Tool for Climate Resilient Urban Development

Giovanni Nocerino, Mattia Federico Leone

Discussion_30' + Conclusions Work_Chairs 30'

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research



Thursday 23rd May 8:30 - 12:00
UNIRC - Architecture School - Room: A11
On- line

TS22 - PA1 - REGENERATIVE DESIGN AND IMPACT ASSESSMENT FOR CLIMATE ADAPTATION

Opening V.D'Ambrosio
Speakers_ 20'paper:

1. A new workflow for achieving climate neutrality in circular energy clusters. Simulations of regenerative design combining Nature Based Solutions and Solar Energy Technologies in urban environment

Giuseppe Mangano, Daniela Laganà

2. Stand-Alone DC-MSs & TS Fuzzy Systems for Regenerative Urban Design

Mario Versaci, Fabio La Foresta, Filippo Laganà, Francesco Carlo Morabito

3. From self-reliant to sufficiency design: predictive and forecasting features of technology approach

Antonella Violano, Monica Cannaviello, Rossella Franchino, Caterina Frettoloso, Francesca Muzzillo

4. Territorial collaboration for the land take reduction and land use optimisation. The case of the Territorial Coordination Plan of the Province of Lodi (Italy)

Elena Mussinelli, Andrea Tartaglia, Giovanni Castaldo, Davide Cerati, Raffaella Riva

5. Human-centred AI in the post-optimisation regenerative process for climate scenarios

Consuelo Nava

Discussion_30' + Conclusions Work_Chairs 30'

Valeria D'Ambrosio - University of Naples Federico II, Italy. Valeria D'Ambrosio, Associate Professor at the Department of Architecture of the University of Naples Federico II, carries out studies on environmental design and technological retrofit at the building and urban scale with a focus on strategies and design solutions for the climate adaptation and mitigation in urban areas. Her expertise is on Innovation Technology applied to Building Sustainability and of Environment. She has developed knowledge on Building Technological Retrofit, with special focus on energy efficiency upgrading; on Sustainable Technology, and Modelling and Simulation Processes.

Giuseppe Mangano - Mediterranea University of Reggio Calabria, Italy. Architect PhD, currently early career Researcher at the Department of Architecture and Territory of the Mediterranean University of Reggio Calabria. He has developed a qualified profile on the management of competitive projects in the field of EU policies and co-design on the field of environmental design, with a focus on the topics of innovation and sustainable development in urban and inland areas. He has expertise on the issues of project Sustainability Assessment with recognised protocols such as Minimum Environmental Criteria and principles DNSH, Agenda2030 and WELL and the application of decarbonisation and water resource management devices (NBS and SUDS).

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research

Francesca Giglio - Mediterranea University of Reggio Calabria, Italy. Francesca Giglio, Associate Professor in Architectural Technology. From 2008 to 2022 she was Assistant Professor, since 2002 PhD, since 1998 Graduated in Architecture. Currently Member of the Administrative Board of the Mediterranea University of Reggio Calabria. Since 2009 she is Member of the PhD's Professor Board of the same University. Since 2004, she is lecturer of mandatory courses in the ICAR 12 sector, transferring her scientific experience, through laboratory and experimental activities also in Degree and PhD theses and for the purposes of Technology Transfer and Third Mission activities. She is Member of the Executive Board of the Italian Society of Architectural Technology (SITdA).

Ernesto Antonini - University of Bologna, Italy. Graduated with honors in Architecture (IUAV 1984) and PhD in Architectural Technologies (Rome 1991), he is Full Professor at the University of Bologna, where he is Coordinator of the international LM „Architecture and creative practices for the city and landscape“ and Member of the teaching board of the PhD in Architecture. From 1994 to 2001 he was Head of the Research & Development service of QUA.S.CO. Bologna, from 1997 to 2005 contract professor at the Faculty of Architecture of the IUAV of Venice; from 2005 to 2015 associate professor of Architectural Technology at the University of Bologna.

Wednesday 22nd May 16.00 - 19.00

UNIRC - Architecture School - Room: A7

On- line

TS22 - PA2 CIRCULAR DESIGN AND PROCESS EFFICIENCY WITH REDUCTION OF WASTE, MATERIAL AND ENERGY CONSUMPTION

Opening_ D.Lucanto

Speakers_ 20'paper:

1. Adaptive circular model for residual biomass valorisation at the neighbourhood scale. A key stream for climate neutrality

Fabrizio Tucci, Serena Baiani, Paola Altamura, Gaia Turchetti, Violetta Tullelli

2. Design strategies for Climate emergency. Circular technologies as driver of socio-cultural change in regenerative processes

Francesca Giglio, Francesco Armocida

3. Digital and circular innovation for Made in Italy wood supply chain: the FoWARD research project

Marina Rigillo, Giuliano Galluccio, Katia Fabbicatti, Marina Block, Sergio Russo Ermolli, Massimo Perriccioli

4. From self-reliant to sufficiency design: predictive and forecasting features of technology approach

Antonella Violano, Monica Cannaviello, Rossella Franchino, Caterina Frettoloso, Francesca Muzzillo

Discussion_30' + Conclusions Work_Chairs 30'

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research



Thursday 23rd May 8.30 - 12.00;
UNIRC - Architecture School - Room: A7
On- line

TS22 - PA2 CIRCULAR DESIGN AND PROCESS EFFICIENCY WITH REDUCTION OF WASTE, MATERIAL AND ENERGY CONSUMPTION

Opening_ F.Ottone
Speakers_ 20'paper:

5. The contribution of biogenic and bio-based materials for the climate neutrality target. A workflow to address net zero carbon transition.

Domenico Lucanto, Eliana Catalano

6. Integrated Local Strategies for Global Resource Management: a Circular Urban Hub Prototype

Federica Paragliola, Erminia Attaianesi, Gabriella Esposito De Vita Marina Rigillo

7. Promoting Circularity and Energy Transition in the Urban Built Environment through Building Reuse, Innovative Technologies, and Nature-based Solutions

Maria Beatrice Andreucci

Discussion_30' + Conclusions Work_Chairs 30'

Maria Federica Ottone - University of Camerino, Italy. Full Professor in Environmental Design at School of Architecture and Design "Eduardo Vittoria" of the University of Camerino, Ascoli Piceno. She has written numerous essays and articles on the topic of urban open spaces and on the relationship between the different dimensions of the project in urban regeneration and transformation, with particular attention to climate and environmental issues. She has written numerous essays and articles on urban open spaces in regeneration and transformation, with a particular focus on climate and environmental issues. From 2021 to 2023 she has directed the Master of Unicam School of Architecture and Design „CIRCUL_AR - Circular Architecture“.

Domenico Lucanto - Mediterranean University of Reggio Calabria, Italy. Domenico Lucanto, architect, holds a PhD in Technological and Environmental Design of Architecture and is a team member of the Prototyping Section of the University Laboratory ABITAlab at the Department of Architecture and Territory of the Mediterranean University of Reggio Calabria. His studies have always focused on the in-depth study of the theoretical and applied aspects of circular design, upcycling and the use of digital technologies for eco-design and additive manufacturing, robotics and machine learning. During his Ph.D. he carried out applied research at the manufacturing laboratories of NYIT_ New York Institute of Technology and as a post-doctoral fellow he continued his research on prototypes and demonstrators with biogenic materials and printed components at the University of Basilicata.

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research

Martino Milardi - Mediterranea University of Reggio Calabria, Italy. Martino Milardi, Architect and PhD, is an Associate Professor at the Department of Architecture and Territory, Mediterranean University of Reggio Calabria. He carries out research and teaching activities in the field of Architectural Technology disciplines. He is the Scientific Director of "TCLab Envelope Testing", an operative section of the Building Future Lab, a Research Laboratory that develops its activities through advanced Testing on envelopes, operating in the field of experimentation and certification of performance standards concerning in particular climatic stresses and extreme events on components and façades

Pietro Davoli - University of Ferrara, Italy. Full Professor and Ph.D. in Architectural Technology at University of Ferrara (Unife), Department of Architecture (DA). Coordinator of the Master's degree in Architecture, DA, and of the International Double Master Degree Program (Unife/PUCPR, Brazil, 2013-2019). Director of the "Architettura>Energia" Research Centre, DA. Coordinator of the national Cluster "Energy Climate Architecture", Italian Society of Architectural Technology (SITdA). Member of: SITdA Governing Council (2017-2023); national and international scientific editorial boards (e.g. TECHNE Journal-SITdA); Academic Board of international Ph.D. Programs (e.g. „Environmental Sustainability and Wellbeing“), Unife and others Universities.

Wednesday 22nd May 16.00 - 19.00;
UNIRC - Architecture School - Room: A12
On - line

TS22 - ECA1 FROM NEARLY ZERO ENERGY TO CLIMATE NEUTRAL ARCHITECTURE

Opening_ M.T.Mandaglio
Speakers_ 20'paper:

- 1. Smart insulation for nearly Zero Energy Buildings**
Rosa Romano, Paola Gallo, Alessandra Donato, Eleonora Di Monte
- 2. The climate neutral architecture of in-between spaces. A methodology for CO2 emission tracking in urban area**
Fabrizio Tucci, Paola Altamura, Valeria Cecafosso, Marco Giampaolletti, Maria Michaela Pani
- 3. Simulation of the renewable energy production potential of Building Integrated Photovoltaics on residential buildings in Naples**
Valeria D'Ambrosio, Carolina Girardi, Enza Tersigni
- 4. The role of innovative PV-green integrated system for energy-food production: the Nexus approach towards energy transition**
Federica Marandino, Giuseppina Santomartino
- 5. The Resilience of Unfinished Architecture: A Life Cycle and Netzero Approach to Adaptive Heritage Reuse**
Serena Baiani, Gaia Turchetti, Giada Romano

Discussion_30' + Conclusions Work_Chairs 30'

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research

Thursday 23rd May 8:30 - 12:00
 UNIRC - Architecture School - Room: A12
 On - line

TS22 - ECA1 FROM NEARLY ZERO ENERGY TO CLIMATE NEUTRAL ARCHITECTURE

Opening_ P.Gallo
Speakers_ 20'paper:

1. Assessment of the main obstacles to the spread of timber building systems towards the carbon and climate neutrality
Marta Calzolari, Pietromaria Davoli, Jacopo Sazzini
2. Strategies and Techniques for a “new” energy efficiency based on envelope performance
Martino Milardi, Mariateresa Mandaglio
3. The Race to Zero Carbon: Assessing Infrastructure’s Carbon Footprint
Federica Gallina, Roberto Giordano, Benedetta Quaglio, Margherita Santamicone
4. A Review of Sustainable Pathways to Climate-Neutral Buildings: Technological Synergy of Advanced Cladding Systems and Building Integrated Photovoltaics
Zinat Javanmard, Giuseppe Mangano

Discussion_30' + Conclusions Work_Chairs 30'

Paola Gallo - University of Florence, Italy. Paola Gallo has been Associate Professor in Architectural Technology at the University of Florence since 2005 in service at the Department of Architecture DIDA, of the Faculty of Architecture of Florence where she carries out teaching and research activities. Since 2018, she has obtained national qualification as Full Professor. Scientific Secretary since 2007 of the Interuniversity Research Centre in Bio-ecological Architecture and Technological Innovation for the Environment is Coordinator of the ABITA Master at the University of Florence.

Maria Teresa Mandaglio - Mediterranea University of Reggio Calabria, Italy. Mariateresa Mandaglio, architect and PhD at the Department of Architecture and Territory, 'Mediterranean' University of Reggio Calabria. She carries out scientific activities in the field of Architecture Technology disciplines. Her research activities are mainly aimed at the innovation of materials and the building envelope through the analysis of the evolution of the performance of the architectural envelope from passive to active, investigating the technological processes of innovation that have allowed to develop the etymological and performance transition from the concept of closure to that of facade and finally to that of dynamic and intelligent envelope.



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Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research

Corrado Trombetta - Mediterranea University of Reggio Calabria, Italy. Between 1989 and 2000, he carried out activities in the DASTEC of the Mediterranean University in the SSD ICAR/12. Since 2013 he has been working in the dArTe and has participated in research with companies admitted to financing on a competitive basis, securing several of them. Important is his activity as Scientific Director of the BUILDING FUTURE Lab., funded for €8.6 million, which allows him to access research such as the HORIZON2020 project "METABUILDINGSLab.", still in progress, or the CHINAITALY InnovationWeek. Since 2023 he has been on the TEAM of Experts for the Evaluation of MiUR/PON Research Infrastructures. In 2021, he is a member of the SCIENTIFIC COMMITTEE for the COBEE22Conference in Canada.

Cesare Sposito - Palermo University, Italy. Cesare Sposito, Architect and PhD, is an Associate Professor of Architectural Technology at the Department of Architecture, University of Palermo (IT). He is the Scientific Director of AGATHÓN | International Journal of Architecture, Art and Design, and of the publishing series Project | Essays and Researches (Palermo University Press); he is a founding member of DEMETRA Ce.Ri. Med. (Euro-Mediterranean Centre for Documentation and Research), and SITdA (Italian Society of Architectural Technology).

Wednesday 22nd May 16.00 - 19.00;
UNIRC - Architecture School - Room: A8
On - line

TS22 - ECA2 TECH-DRIVEN ARCHITECTURAL TRANSITIONS FOR FUTURE CITIES

Opening_ S.Cascone
Speakers_ 20'paper:

1. **From Blueprint to reality: a design - built analysis of Kigall's urban sustainability and carbon neutrality**
Thomas Spiegelhalter
3. **Construction site risk assessment through digital twins for safety optimization**
Antonio Salzano, Enrico Pasquale Zitiello, Maurizio Nicolella
4. **The role of Digital Twin in Structural Engineering**
Domenico Asprone, Chiara Gragnaniello, Antonio Salzano, Maurizio Nicolella
5. **Adaptation of public and private buildings and spaces through different historical and socio-political circumstances – case study Mostar**
Senaida Halilović-Terzić, Maja Roso Popovac, Valerija Kopilaš
6. **Knowledge based approach for the digitalization of historic built Heritage. Information integration and semantic interoperability**
Massimo Lauria, , Angela Quattrocchi, Serena Buglisi

Discussion_30' + Conclusions Work_Chairs 30'

Supersession Intercluster SITdA_Pre-design and energy-environmental design for decarbonisation. scenarios from applied research



Thursday 23rd May 8:30 - 12:00

UNIRC - Architecture School - Room: A12

On - line

TS22 - ECA2 TECH-DRIVEN ARCHITECTURAL TRANSITIONS FOR FUTURE CITIES

Opening_ F.Angelucci

Speakers_ 20'paper:

1. Innovations in urban sustainability: Comparative analysis of green roof technologies in a Mediterranean climate

Stefano Cascone, Serena Vitaliano, Corrado Trombetta

2. Evolving cities – towards healthy future Case study Sarajevo

Senaida Halilović-Terzić, Mladen Burazo, Nasiha Pozder

3. Digital Twin's effort for the decarbonization process in the built environment

Maria Azzalin

4. Fuzzy emotion detection method to identify heatwave hot and cold spots in urban settlements

Barbara Cardone, Ferdinando Di Martino, Vittorio Miraglia

Discussion_30' + Conclusions Work_Chairs 30'

Corrado Trombetta - Mediterranea University of Reggio Calabria, Italy. Between 1989 and 2000, he carried out activities in the DASTEC of the Mediterranean University in the SSD ICAR/12. Since 2013 he has been working in the dArTe and has participated in research with companies admitted to financing on a competitive basis, securing several of them. Important is his activity as Scientific Director of the BUILDING FUTURE Lab., funded for €8.6 million, which allows him to access research such as the HORIZON2020 project "METABUILDINGSLab.", still in progress, or the CHINAITALY InnovationWeek. Since 2023 he has been on the TEAM of Experts for the Evaluation of MiUR/PON Research Infrastructures. In 2021. he is a member of the SCIENTIFIC COMMITTEE for the COBEE22Conference in Canada.

Cesare Sposito - Palermo University, Italy. Cesare Sposito, Architect and PhD, is an Associate Professor of Architectural Technology at the Department of Architecture, University of Palermo (IT). He is the Scientific Director of AGATHÓN | International Journal of Architecture, Art and Design, and of the publishing series Project | Essays and Researches (Palermo University Press); he is a founding member of DEMETRA Ce.Ri. Med. (Euro-Mediterranean Centre for Documentation and Research), and SITdA (Italian Society of Architectural Technology).

Filippo Angelucci - 'Gabriele d'Annunzio' University, Italy. Filippo Angelucci, Architect, PhD on Environmental Design, is Associate Professor of Architectural Technology at the Department of Architecture of the "G. D'Annunzio" University of Chieti-Pescara. He is member of SITdA – Società Italiana della Tecnologia dell'Architettura/Italian Society of Architectural Technology in which, from 2020, is member of the Directive Council and delegate of the Commission "Techne Journal and Publications". Before his academic activities, he has carried out professional works as a consultant and team-component in the field of environmental design and planning.

Stefano Cascone - Mediterranea University of Reggio Calabria, Italy. Stefano Cascone is a fixed-term researcher pursuant to Article 24, paragraph 3, letter a) of Law 240/2010 at the Department of Architecture and Territory of the Mediterranean University of Reggio Calabria. In 2016, he undertook a research collaboration at Werner Sobek AG in Stuttgart, Germany, for a period of six months. In December 2019, he obtained his PhD in „Evaluation and Mitigation of Urban and Territorial Risks“ from the University of Catania, presenting a thesis entitled „Innovative Solutions and Performance Assessment of Green Roofs“ in the context of the Competitive Sector 08/C1. For the academic year 2023/2024, he is the lecturer of the university course „BIM and Management of the Built Environment“. He is part of several research groups characterized by national-level collaborations.

The complex and interconnecting relationships among food, bioeconomy, natural resources, agriculture and environment

Vincenzo Provenzano - Department of Economics, Business and Statistics, Palermo University, Italy. Vincenzo Provenzano is an Associate Professor of Applied Economics at the Department of Economics, Business and Statistics, and Center for Sustainability and Ecological Transition, University of Palermo. His current research areas include regional development, sustainability, and SDGs.

Maria Rosaria Seminara - Department of Economics, Business and Statistics, Palermo University, Italy. Maria Rosaria Seminara is a Research Fellow at the University of Palermo and PhD in Economics, Territory, and Development. Her research interests focus on regional ecosystems, local development, innovation, and growth processes. Carmelina Bevilacqua - Department of Planning, Design, Technology of Architecture, Sapienza University of Rome, Italy.

Carmelina Bevilacqua is Assistant Professor of Urban Planning. She investigates the complex dynamics of urban and territorial transformations. Grounded in a multidisciplinary approach in combining urban-regional science with research innovation dynamics, her recent areas of interest range in tackling how innovation policy and urban planning are complementary for transformative sustainability, coupling urban-local transition with resilience. regional

Wednesday 22nd May 17.00 - 19.00

UNIRC - Architecture School - Room: AM

On- line

1. Bergamot food products: consumers preferences

Valentina Rosa Laganà, Agata Nicolosi

2. The participatory process of young people in environmental sustainability: some proposals

Massimo Castellano

3. The Nexus Between Circular Economy and Sustainable Development Goals

Vincenzo Provenzano, Maria Rosaria Seminara

4. Mediterranean Diet, food, health, lifestyles & regional regeneration

Ferdinando Trapani, Giuseppe Disclafani

5. How ENEA is facilitating the transition to a circular economy in Italy through industrial symbiosis

Laura Cutaia, Marco La Monica, Erika Mancuso, Tiziana Beltrani, Silvia Scaffoni

6. Circular Economy, Bioeconomy and Ecosystem Services: The Craftsmanship Activities in Sicily

Vincenzo Provenzano, Ugo Lombardo

7. The relationship between social innovation and sustainable development: the Italian case of the innovation fund

Massio Arnone, Aurelio Lupo, Marco de Giorgi

Unlocking the value of proximity: post-pandemic urban policies and the proximity economy ecosystems



Thursday 23rd May 11.00 - 13.00
 UNIRC - Architecture School - Room: A2
 On-line

1. Cultural creative enterprises for local sustainable development

Gaia Daldanise

2. Proximity and social innovation: what is the link? Insights from the case of Community Foundations in the Turin context

Francesca Bragaglia

3. Living Apart Together: networks of practices as Infrastructure of Care in a post-pandemic South African informal settlement

Sara Altamore

4. Proximity, productivity, and territorial justice: how urban planning can contribute to the development of an inclusive proximity economy

Francesca Squillante, Nessa Gorman, Pierre Hausemer, Luca Tricarico

5. Empowering people to envision possible social innovations in the proximity: the case of the School of the Neighbourhoods in Milan

Daniela Selloni, Marta Corubolo, Anna Meroni

6. Community welfare and collaborative administration. A pathway to active citizenship

Marco Marucci; Maria Cammilla Fraudatario

Vincenzo Provenzano - Department of Economics, Business and Statistics, Palermo University, Italy. Vincenzo Provenzano is an Associate Professor of Applied Economics at the Department of Economics, Business and Statistics, and Center for Sustainability and Ecological Transition, University of Palermo. His current research areas include regional development, sustainability, and SDGs.

Maria Rosaria Seminara - Department of Economics, Business and Statistics, Palermo University, Italy. Maria Rosaria Seminara is a Research Fellow at the University of Palermo and PhD in Economics, Territory, and Development. Her research interests focus on regional ecosystems, local development, innovation, and growth processes.

Carmelina Bevilacqua - Department of Planning, Design, Technology of Architecture, Sapienza University of Rome, Italy. Carmelina Bevilacqua is Assistant Professor of Urban Planning. She investigates the complex dynamics of urban and territorial transformations. Grounded in a multidisciplinary approach in combining urban-regional science with research innovation dynamics, her recent areas of interest range in tackling how innovation policy and urban planning are complementary for transformative sustainability, coupling urban-local transition with resilience. regiona

From destination image to storytelling: new paradigms of smart tourism

Sonia Malvica - Department of Humanities and Social Sciences, University of Sassari, Italy. She is a Researcher in Economic and Political Geography engaged in a project on innovation/digital transition of SMEs operating in the tourism and cultural heritage sector in Sardinia, Italy. Her research is focused on tourism, with an interdisciplinary approach to the destination image, smart tourism, mapping and landscape research.

Giovanni Messina - Department of Ancient and Modern Civilizations, University of Messina, Italy. He is a Researcher in Geography. His main research interests are in landscape studies and local development.

Enrico Nicosia - Department of Cognitive Science, Psychology, Education and Cultural Studies, University of Messina, Italy. He is a Full Professor of Geography and Coordinator of the Interdepartmental Degree Course in Tourism, Culture and Business Sciences. His main and recent research focused on movie-induced tourism as territorial promotion and valorization; sustainable tourism, parks and MPAs; cultural itineraries and urban redevelopment related to the organization of international events.

Carmelo Maria Porto - Department of Cognitive Science, Psychology, Education and Cultural Studies, University of Messina, Italy. He is a Full Professor of Economic-Political Geography, Director and Former Vice-Coordinator of the PhD in Cognitive Science at COSPECS Department (University of Messina). His scientific production is documented by numerous publications concerning various fields of geography, with particular reference to urban, economic and tourism geography

Thursday 23rd May 14.30 - 16.30

UNIRC - Architecture School - Room: A8

On-line

1. Public street art as an expression of multiple heritages: the case of Leicester

Beniamino Polimeni, Anisha Meggi

2. Improved Kurdish Dialect Classification Using Data Augmentation, and ANOVA-Based Feature Selection

Karzan J. Ghafoor, Sarkhel H. Taher Karim, Karwan M. Hama Rawf 1 and Ayub O. Abdulrahman

3. Evaluation of the “Silvestri craters on Etna” living lab for knowledge value transfer

Alessandro Scuderi, Giuseppe Timpanaro, Luisa Sturiale, Mariarita Cammarata, Giulio Cascone

4. Visual Pollution and its Impact on the Built Environment Resilient City

Luis Fernando Zapata Montalvo, Douglas Aghimien

5. Phygital engagement at the service of cultural heritage. An ongoing research on the Archeological Park of Naxos (Italy)

Sonia Malvica, Giovanni Messina, Enrico Nicosia, Carmelo Maria Porto

6. Calabria’s territory through the Magna Grecia Park: New Paradigms of Smart Tourism

Sonia Gambino, Giovanni Messina, Mattia Spanò

Decision support methods for resilient land use, saving soil and sustainable urban regeneration of properties in disuse



Thursday 23rd May 14.30 - 16.30
 UNIRC - Architecture School - Room: A11
 On-line

1. Critical Success Factors for Public-Private Partnerships in Urban Regeneration Projects

Paula Vale de Paula, Rui Cunha Marques, Jorge Manuel Gonçalves

2. The redevelopment of school building assets: the application of an evaluation model for the optimal allocation of available financial resources

Francesco Tajani, Pierluigi Morano, Felicia Di Liddo, Pierfrancesco De Paola

3. The verification of the financial feasibility of a former school reuse intervention in a small town in South Italy

Pierluigi Morano, Felicia Di Liddo, Francesco Tajani, Debora Anelli

4. Discussion on success factors for SEZs in Campania. An AHP approach study with the pole growth theory

Irina Di Ruocco

5. Valuation of landscape quality. Identifying landscape units and elements in the euro-mediterranean area

Mariangela Musolino, Domenico Enrico Massimo, Francesco Calabrò, Roberta Errigo

6. An analysis of the Life Cycle Cost in the asset management

Endriol Doko

7. Home Sweet Home or Homebound: Unraveling COVID-19's Impact on Real Estate Markets

Benedetto Manganelli, Francesco Paolo Del Giudice

Pierluigi Morano - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Pierluigi Morano is currently Full Professor in Real Estate Appraisal. He is author and coauthor of published works on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of real estate prices.

Francesco Tajani - Department of Architecture and Design, Sapienza University of Rome, Italy. Francesco Tajani is Associate Professor in Real Estate Appraisal. He is author and coauthor of almost two-hundred published research on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of property prices.

Debora Anelli - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Debora Anelli is currently fixed-time Researcher in Real Estate Appraisal. She is author and coauthor of numerous published works regarding the study of the real estate market dynamics and the definition of decision support models for sustainable urban planning.

Carmelo Maria Torre - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Carmelo Maria Torre is currently Associate Professor in Real Estate Appraisal. He is author and coauthor of research works focused on the real estate market and the strategical environmental evaluations for urban planning processes.



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Industrial polluting sites and the effects on the surrounding context: assessment of the health, environmental and economic impacts through multidimensional tools

Pierluigi Morano - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Pierluigi Morano is currently Full Professor in Real Estate Appraisal. He is author and co-author of published works on various topics, including the study of innovative algorithms as support to real estate appraisal and the econometric analysis of the dynamics of real estate prices.

Marco Locurcio - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Marco Locurcio is currently Associate Professor in Real Estate Appraisal. He is author and co-author of journal papers and conference papers on various topics, including the themes of evaluation of investments on cultural and environmental assets, the analysis of the real estate market and the public-private negotiation.

Debora Anelli - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Debora Anelli is currently fixed-time Researcher in Real Estate Appraisal. She is author and coauthor of numerous published works regarding the study of the real estate market dynamics and the definition of decision support models for sustainable urban planning.

Felicia Di Liddo - Department of Civil, Environmental, Land, Building Engineering and Chemistry, Polytechnic University of Bari, Italy. Felicia Di Liddo is currently Assistant Professor in Real Estate Appraisal. She is author and coauthor of research works published on different topics, among which the definition of assessment models for urban regeneration projects and decision support systems for public-private partnerships.

Thursday 23rd May 17.00 - 19.00

UNIRC - Architecture School - Room: A11

On- line

1. Using a spatial econometric approach to detect main de-terminants and spillover effects of residential property prices in Spezia (Italy)

Laura Giuffrida, Giuseppe Cucuzza, Daniela Tavano, Francesca Salvo and Maria De Salvo

2. The role of Financial and Economic Analyses to support Healthcare Interventions

Marco Locurcio, Pierluigi Morano, Tiziana Acquafredda, Carmelo Maria Torre

3. A methodological approach for the analysis of the effects of polluting industrial sites on the real estate market

Morano P., Anelli D., Di Liddo F., Sabatelli E.

4. A methodological approach for the structuring of a questionnaire to investigate the perceptions of the community in polluted urban areas

Morano P., Di Liddo F., Anelli D., Locurcio M., Roma A

5. A comparison of the carbon footprint related to healthcare real estate stock in the European context

Tiziana Acquafredda, Antonella Roma, Emma Sabatelli

6. Developing a Multidimensional Benchmarking Framework for Assessing Success in Mobility as a Service (MaaS) Systems

Davide De Vita, Nunzia Carbonara, Michele Ottomanelli, Antonio Messeni Petruzzelli

7. Beyond Abandonment: Renewing Postindustrial Cities through Heritage, Health, and Landscape Synergies

Marco Spada, Giuseppe Campanile, Antonio Panico, Ilaria Bortone



Thursday 23rd May 14.30 - 19.00

UNIRC - Architecture School - Room: A5

On- line

1. The space of food. The agriculture of large motorway infrastructures: the case of the Brenner motorway

Catherine Dezio, Silvia Marchesini

2. Green Urban Planning for a Sustainable Food System: The Case of Dahuangpu Town in China

Helin ZHANG, Junru ZHOU

3. The Challenge of Controlled Environment Agriculture: Technological Innovation and Consumer Demand for Natural

Lucy M. McGowan, Erin L. Percival Carter, Jason S. Entsminger

4. Assessment of Mechanical Damage to Tropea Red Onion PGI during Processing

Bruno Bernardi, Gaetano Messina, Iolanda Cilea, Alessandro Neri, Matteo Sbaglia, Lorenzo M. Abenavoli, Giuseppe Zimbalatti

5. Socially responsible food e-consumption: An exploratory investigation about the role of socially oriented online purchasing choices in sustaining the social/civil agrifood economy in Italy

Stefano Spillare

6. Understanding how the food retail environment influences household food purchasing practices: A cross sectional survey

Jalila El Hati, Dalia Mattioni, Fatma Bouallegui, and Stefanie Vandevijvere

7. Peri-urban agriculture and food platformisation between challenges and opportunities

Valentina Cattivelli

8. Sardinian Agriculture in the 7th Census of agriculture: Characteristics, Structures and Dynamics of Generational Renewal

Francesco Piras

Valentina Cattivelli, PhD is a Research and Teaching Technician (RTT) in Applied Economics at UniPegaso, and Adjunct Professor at SCUDO – Phd School of Polytechnic of Turin. She studies the development of rural areas and their relationships with neighbouring urban areas, examining their economic transformations and territorial disparities. She also delves into topics such as food charity, social and urban agriculture, and circular agriculture. She particularly enjoys researching the transformation of strategic and territorial planning, with a focus on the urban-rural divide and medium-sized cities. Being expert in drafting project proposals for funding from European (Interreg, ESPON, Horizon, Creative Europe), national (PNRR), and regional sources, she successfully secured research funding totalling around 1,9 million Euros. Thanks to her dedication to both scientific research and volunteering, she has been recognized as one of the 1,000 women who are changing Italy. [Link: <https://startupidalia.eu>]

The spaces of food: places, changes, experiences

Valentina Cattivelli - International Telematic University UNINETTUNO, Italy. I am a researcher, university lecturer and project manager experienced in European funds. My research interests concern regional economics and policies for local and rural development, territorial and social inequalities, urban-rural transformations, as well as green and circular economy, social and urban agriculture. I have studied these topics collaborating with Wageningen University (Netherlands), Eurac Research, Ersaf and ISMEA (IT). I am also an expert in drafting project proposals to be submitted for funding by European (Interreg, ESPON, Horizon, Creative Europe), national (various Ministries) and regional funds. In the last three years, I have won research projects for about 1.7 million Euros.

Thursday 23rd May 14.30 - 19.00

UNIRC - Architecture School - Room: A5

On-line

9. Systematic Literature Review on Rural Well-being Measurement

Vanda Veréb, Carla Marques, Livia Madureira, Carlos Marques, Tigran Kervan, Rui Silva

10. “Oltrepò BioDiverso” project: Rural Network Development Supporting Local Apennine Economy

Cristina Ganimede, Maria Cristina Reguzzi, Raffaella Piazzardi, Elena Buscaglia, Paola Fugagnoli, Alberto Vercesi

11. New crops for the high hills. Experience of scientific research and dialogue with farmers in the Northern Italian Apennines

Maria Cristina Reguzzi, Alberto Vercesi, Cristina Ganimede, Rinaldo Nicolli Aldini, Emanuele Mazzoni

12. Not Just Bread Alone: The Evolution of Food Assistance Services in Caritas of Emilia Romagna Post COVID-19 Pandemic

Andrea Gollini

13. Feeding the Blocks: A Methodological Rethink of Neighbourhood Food Aid in Rome

Laura Prota, Francesca Curcio, Francesca Benedetta Felici, Davide Marino

14. Empowering Vulnerable Communities: Exploring new food spaces and values in agriculture through exemplary practices

Donatella Privitera, Irene Selvaggio, Zarbà Carla, Gaetano Chinnici, Alessandro Scuderi

15. The Apostolic Exhortation “Laudate Deum”: a technocratic vs. ecological-integral approach for a solidarity-based and sustainable economy

Luisa Sturiale, Gaetano Chinnici, Matilde Reitano, Carla Zarbà, Alessandro Scuderi



The European cohesion policy and the Regional Operational Programmes in Calabria from 2000 to 2020 between learning processes and structural constraints

Wednesday 22nd May 14.30 - 16.30

UNIRC - Architecture School - Room: A6

On- line

1. The European Cohesion Policy as an «agent of change». The institutional impact of the Regional Operational Programmes in Calabria (2000-2020)

Flavia Martinelli

2. Assessments and reflections on Integrated Territorial Planning in Calabria in the 2000-2020 programming period. From the experimental phase to the consolidated method of cooperation between territories

Maria Grazia Buffon

3. Gioia Tauro: from transshipment to intermodal logistics hub. The role of local action

Giuseppe Fera

4. Institutions, social capital and distributive dynamics in development policies in Calabria

Antonio Russo

Thursday 23rd May 8.30 - 10.30

UNIRC - Architecture School - Room: A6

On- line

1. Tourism policies in the Regional Operational Programmes in Calabria from 2000 to 2020

Chiara Corazziere

2. The integrated design approach for cultural heritage and landscape in the territories of Southern Italy: significant experiences for possible applications in Calabria

Chiara Corazziere e Vincenzo Giofrè

3. Socio-territorial inequalities and integrated programming: 20 years of cohesion policy in Basilicata

Emanuela Chiodo

Chiara Corazziere - Department of Architecture and Territory, Mediterranean University of Reggio Calabria, Italy. Chiara Corazziere has a Ph.D. in Architecture and carries out research in the context of the Project or Relevant National Interest 'Regional policies, institutions and cohesion in the South of Italy'. She is the author of several publications on the relationship between the promotion of cultural heritage and urban regeneration processes.

Flavia Martinelli - Department of Architecture and Territory, Mediterranean University of Reggio Calabria, Italy. Flavia Martinelli, Full Professor of Policies and strategies for territorial cohesion, works on regional disparities and development policies, with particular attention to the South of Italy. She is currently a Member of the Board of Directors of the SVIMEZ and Principal Investigator of the Project of Relevant National Interest 'Regional policies, institutions and cohesion in the South of Italy'.



Chro Hama Radha - Technical College of Engineering - City Planning Department, Sulaimani Polytechnic University, Sulaymaniyah, Iraq. Chro Ali Hama Radha has a Ph.D. in Architecture Eng. Lecturer, Scientific Committee Member, and academic coordinator of postgraduate studies at the Technical College of Engineering, Sulaimani Polytechnic University in Iraq. She is also a member of the Editorial Board of the International Journal entitled "Pollack Periodica". She has 28 years of experience in both academic and non-academic fields in and out of Iraq. She is the head of NGO Organization in Kurdistan. Hozan Latif Rauf - Kurdistan Technical Institute (KTI), Sulaimania, As Sulaymaniyah, Iraq.

Hozan Latif Rauf, has Ph.D. in Architecture, she is currently academic advisor, head of Ranking Committee, and Lecturer at Interior Design Department, KTI. Member of Pedagogical Training Course at Qaiwan International University. She is editorial board member at an international Journal: Journal of Studies in Science and Engineering.

Sardar S. Shareef - Tishk International University (TIU), Erbil Branch, Iraq. Sardar Sulaiman Shareef, has Ph.D. in Architecture. He is currently head of Interior Design Department at TIU. He is lecturer at both Architecture and Interior Design Departments in the same university. He is the Editor in Chief of an international journal: Journal of Studies in Science and Engineering

Thursday 23rd May 17.00 - 19.00

UNIRC - Architecture School - Room: A12

On- line

1. Strategy for the energy transition of the regions and the integration of mobility focused on guaranteeing the use of and access to safe and sustainable energy sources in Colombia

Francisco Javier Ortega

2. Interactive Architecture for Enhancing Energy Efficiency and Thermal Comfort in the Office Buildings

Chro Hama Radha, Sabah Shawkat

3. The Role of Sustainability in Providing a Small Living Space

Sabah Shawkat, Matej Pospisil, Chro Hama Radha

4. Adaptive Architecture: Designing for Changing Energy Needs in Smart Cities

Hozan Latif Rauf, Sardar S. Shareef

5. Opportunities and Challenges of Implementing Smart Villages in the Kurdistan Region of Iraq

Mohammed Latif Mahmood

6. Sustainability and Energy Efficiency: Comparing Traditional and Modern Residential designs in Kurdistan Region

Zhikal Kamil Hassan, Hezhan Kamil Faeq

Multi-sectorial initiatives for a more sustainable future in cities: novel approaches and methods



Thursday 23rd May 14.30 - 16.30
 UNIRC - Architecture School - Room: A12
 On-line

1. Eco-Social Work: Theoretical Foundations and Implications for Sustainable Inclusion

Emanuela Fato

2. Neighbourhood markets as driving force of suburbs' urban regeneration: the case of the city of Rome (Italy)

Francesco Tajani, Francesco Sica, Pierluigi Morano, Maria Rosaria Guarini, Giuseppe Cerullo

3. From Eco-Industrial Park to Eco-Agricultural Park in the Peri-Urban context: a proposal

Maria Rosaria Sessa, Ornella Malandrino, Maria Giovanna Sessa

4. Sustainability in corporate governance and banking

Nicola Sica

5. Rebuilding the metropolitan cities' suburbs via co-creative sustainable initiatives: supporting framework for efficient public-resources policies

Maria Rosaria Guarini, Francesco Sica, Francesco Tajani, Debora Anelli, Emma Sabatelli

6. AI Algorithms in Real Estate: A Roadmap to Precision Housing Price Predictions

Miguel Linera Alperi, Alejandro Segura de la Cal, Antonio Martínez Raya

7. An Artificial Neural Network based model for urban residential property price forecasting

Gabriella Maselli, Vincenzo Esposito, Massimiliano Bencardino, Laura Gabrielli, Antonio Nesticò

Maria Rosaria Guarini - Department of Architecture and Design, Sapienza University of Rome, Italy. Associate Professor in Real Estate Appraisal. Author and co-author of published works on: real estate market analysis; economic evaluation of: urban transformations, public-private negotiation in urban planning, economic-social-environmental sustainability. Formerly member of the Unit of Evaluation and Verification of Public Investments of the Italian Ministry of Cultural Heritage and Cultural Activities.

Francesco Sica - Department of Architecture and Design, Sapienza University of Rome, Italy. Assistant professor in economic evaluation and project appraisal. I do research in the fields of economic-financial concerns and sustainable science. In addition, I do research on the use of multi-criteria decision-making techniques and econometric models to assist public-private stakeholders' decisions about sustainable urban planning. Formerly intern at the Forestry Policy and Division of the Food and Agricultural Organization (FAO), visiting scholar at SUNY College in Syracuse (USA).

Francesco Tajani - Department of Architecture and Design, Sapienza University of Rome, Italy. Francesco Tajani holds a PhD degree in Economic Evaluation of Investments, and a Master in Urban Planning and Real Estate Market. He is author and co-author of works focusing mainly on innovative algorithms as support to real estate appraisal, the evaluation of investments on cultural and environmental assets. He has currently Associate Professor in Appraisal and Economic valuations of Projects at the Department of Architecture and Design, Sapienza University of Rome, Italy



Claudio Marcianò - Agraria Department, Mediterranea University of Reggio Calabria, Italy. Claudio Marcianò, MSc, PhD, is Associate Professor of Agricultural Economics at the Agriculture Department of the Mediterranean University of Reggio Calabria, Italy. He conducts mainly action research focused on community-led development, local governance and cultural and creative enterprises, using quali-quantitative methodologies and decision support systems

Friday 24th May 8.30 - 13.00

UNIRC - Architecture School - Room: A11

On- line

1. Endogenous development and female empowerment in the offer of fishing tourism in Galicia (Spain)

Carlos Alberto Patiño Romarís, Breixo Martins Rodal

2. Landscape Resilience and the Autopoiesis of the Landscape: Differences and Affinities

Angioletta Voghera, Fabrizio Aimar

3. Blockchain technology applied to food chains to avoid counterfeiting. The case of the Consortium Etna DOC

Gaetano Chinnici

4. Building Stable Territorial Areas for Rural Development Policies in Galicia (Spain)

Rubén Boga González, José Ignacio Vila Vázquez, Alejandro Otero Varela

5. Food Districts in the Metropolitan area of Reggio Calabria, Italy

Vincenzo Carè, Monica Stinà, Giuseppa Romeo, Claudio Marcianò

6. An experience of cooperation in the Mediterranean basin

Rossella Trausi, Raffaella Fragale, Nicola Mayerà, Claudio Marcianò

Urban role of ecosystem services of plant assets. for planning, design and correct management of green architecture in the city



Friday 24th May 8.30 - 10.30

UNIRC - Architecture School - Room: A5

On- line

1. Design and Proper Management of Vegetal and Territorial Heritage for a New Anthropogenic Civilization in Remote Place

Concetta Fallanca, Valentina Monteleone

2. Urban nature for the planning of healthy spaces in contemporary living

Concetta Fallanca, Elvira Stagno

3. Metropolitan green: new strategies for urban regeneration and social well-being

Antonio Taccone, Maria Teresa Rizzo

4. A shared laboratory for greenery design in the Metropolitan City

Antonio Taccone

5. Towards Affordable Urban Greenery: Strategies for Cost-Effective Implementation of Living Wall Systems

Fasano Carlotta, Gasparotto Jacopo, Giordano Roberto, Montacchini Elena, Tedesco Silvia

6. The ESG Approach for Planning, Design and Correct Management of Green Area

Massimo Zupi, Pierfrancesco Celani

Concetta Fallanca - PAU Department, Mediterranea University of Reggio Calabria, Italy. Concetta Fallanca is Full Professor of Urban Planning, Mediterranean University of Reggio Calabria (January 2005), she belongs to the Department of Heritage-Architecture- Urbanism (PAU). Architect, PhD in Urban planning and environmental design, she carries out research in urban, territorial and environmental design and planning. Coordinator of researches and author of scientific publications.

Antonio Taccone - PAU Department, Mediterranea University of Reggio Calabria, Italy. Antonio Taccone is Associate Professor of Urban Planning, Mediterranean University of Reggio Calabria (January 2005), PAU Department. Architect, University researcher (since 2021) he is doctor of research (PhD) in Territorial planning" (2000). He is the technical director of the Research Laboratory LASTRE



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People-nature cohesion for smart urban transition – Conservation, Safety and Progress for a Multidimensional City

Giuseppe Bombino - Mediterranea University of Reggio Calabria, Italy. PhD in Environmental Hydraulics; Associate Professor of Hydraulics and Land Conservation; President of the Degree Course in Forestry and Environmental Sciences. Lecturer or professor of forest hydraulics and hydrology, soil and water conservation. Referee of international journals. Author of 150 publications in conference proceedings and Scopus-indexed journals.

Daniela D'Agostino - Mediterranea University of Reggio Calabria, Italy. Hydraulic Engineer, PhD in Forestry and Environmental Science, post-doc researcher on Soil conservation and Hydrogeological risk mitigation. Subject matter expert in elements of physics, hydraulics and hydrology, agricultural hydraulics, irrigation systems. Author of several publications in conference proceedings or Scopus-indexed journals.

Wednesday 22nd May 14.30 - 19.00

UNIRC - Architecture School - Room: A5

On-line

1. Methodology for research and learning about mediterranean pasture

Ana Cano Ortiz, Catarina I. Rodrigues Meireles, Mauro Raposo, Ricardo Quinto Canas, José Carlos Piñar Fuentes, Eusebio Cano

2. Vegetation regrowth analysis after wildfire events. Preliminary results in the Aspromonte National Park (Calabria, Italy)

Salvatore Praticò, Giandomenico De Luca, Francesco Solano, Giuseppe Modica

3. Use of xeromorphic succulents in green spaces in the south of Portugal (Algarve), in a scenario of water scarcity

Delisa Xarepe, Ricardo Quinto Canas

4. Effects of cutting and logging processes on tree resprouting and mortality in chestnut coppices in Southern Italy

Maria F. Cataldo, Fabio Lombardi, Salvatore F. Papandrea, Michele Mercuri, Andrea R. Proto, Pasquale A. Marziliano

5. Wood quality of silver fir affected by Heterobasidion spp. in pure and mixed forest stands in Mediterranean Mountain Forests

Michele Mercuri, Pasquale A. Marziliano, Maria F. Cataldo, Salvatore F. Papandrea, Andrea R. Proto, Fabio Lombardi

6. A methodological approach to the study of geomorphological dynamics and functional connectivity in Mediterranean mountain areas

Álvaro Gómez-Gutiérrez, Francisco Lavado-Contador, Susanne Schnabel, José Juan de Sanjosé-Blasco, Rosa Pérez-Utrero, Pablo Durán-Barraso, Dolores López-González, Carmelo Conesa-García, Pedro Pérez-Cutillas, Juan Francisco Martínez-Murillo, Francisco José Segura-Méndez

7. Conservation and Valorization of two endemic Calabrian species used as food within the Graecanic area (Southern-Italy) through domestication trials

Miriam Patti

8. The peat bogs of Aspromonte National Park (Southern Italy): flora and vegetation

Valentina Lucia Astrid Laface, Carmelo Maria Musarella, Domenico Noto, Antonino Siclari, Sergio Tralongo, Giovanni Spampinato

People-nature cohesion for smart urban transition – Conservation, Safety and Progress for a Multidimensional City



Wednesday 22nd May 14.30 - 19.00

UNIRC - Architecture School - Room: A5

On-line

9. Floristic update on the SAC “Pentidattilo” (Calabria, Southern Italy)

Lucia Rita Mauro, Carmelo Maria Musarella, Valentina Lucia Astrid Laface, Antonio Morabito, Miriam Patti, Serafino Cannavò, Giovanni Spampinato

10. Social resilience through the use of ecological bioindicators and eco - education: its application for territorial management in mediterranean territories

Ana Cano Ortiz, José Carlos Piñar Fuentes, Catarina I. Rodrigues Meireles

11. Landscape assessment through Carta Natura habitats

Antonio Morabito

12. Historical analysis of shoreline dynamics and evolution at the mouth of Calabrian torrents stabilized with check dams

Daniela D’Agostino, Giuseppe Barbaro, Pietro Denisi, Giandomenico Foti, Santo M. Zimbone, Giuseppe Bombino

Giuseppe Bombino - Mediterranea University of Reggio Calabria, Italy. PhD in Environmental Hydraulics; Associate Professor of Hydraulics and Land Conservation; President of the Degree Course in Forestry and Environmental Sciences. Lecturer or professor of forest hydraulics and hydrology, soil and water conservation. Referee of international journals. Author of 150 publications in conference proceedings and Scopus-indexed journals.

Daniela D’Agostino - Mediterranea University of Reggio Calabria, Italy. Hydraulic Engineer, PhD in Forestry and Environmental Science, post-doc researcher on Soil conservation and Hydrogeological risk mitigation. Subject matter expert in elements of physics, hydraulics and hydrology, agricultural hydraulics, irrigation systems. Author of several publications in conference proceedings or Scopus-indexed journals.

Life cycle-based methodologies for sustainability assessments in agroecosystems, circular economy, and energetic/ecological transition processes

Anna Irene De Luca - Department of Agriculture, Mediterranean University of Reggio Calabria, Italy. Associate Professor in Agricultural Economics and Rural Appraisal (DSS AGR/01). Current research interests include the sustainability assessment of agri-food production processes, life cycle methodologies (LCA, LCC and Social LCA), multicriteria analysis, monetary evaluation of ecosystem services, and circular economy.

Marina Mistretta - Department of Information Engineering, Infrastructure and Sustainable Energy, Mediterranean University of Reggio Calabria, Italy. Full professor in Environmental Technical Physics (DSS IND/11). The research activities focus on sustainability, energy and environment, life cycle-based methodologies, energy efficiency in buildings, technologies powered by renewable energy, energy generation and storage systems and strategies for decarbonization of systems and processes.

Giacomo Falcone - Department of Agriculture, Mediterranean University of Reggio Calabria, Italy. Researcher in Agricultural Economics and Rural Appraisal (DSS AGR/01). Current research interests include the methodological study and application of Life Cycle Assessment tools to agribusiness and agro-industrial supply chains, as well as circular economy, and multicriteria analysis.

Wednesday 22nd May 17.00 - 19.00

UNIRC - Architecture School - Room: AT

On-line

1. Life cycle greenhouse gas emissions and relevant impacts of concentrating solar technologies

Maurizio Cellura, Le Quyen Luu, Francesco Guarino, Marina Mistretta, Sonia Longo

2. Integrating Ecosystem Services into Life Cycle

Methods: An Analytical Assessment of Frameworks and Challenges

Cristian Soldati, Nathalie Iofrida, Giovanni Gulisano

3. Social Life Cycle Assessment of Italian olive growing: comparison between conventional and agroecological practices

Nathalie Iofrida, Giacomo Falcone, Emanuele Spada, Anna Irene De Luca

4. Olive oil production and circularity pathways in South Italy: a Life Cycle Costing (LCC) view into economic performance and benefits

Emanuele Spada, Giacomo Falcone, Domenico Carlucci, Luigi Cembalo, Gaetano Chinnici, Mario D'Amico, Giacomo Giannoccaro, Anna Irene De Luca

5. Multi-temporal environmental impacts of energy consumption in Net Zero Energy Buildings

Marina Mistretta, Alberto Brunetti, Maurizio Cellura, Francesco Guarino, Sonia Longo

6. Measuring environmental and socio-economic impacts of agricultural innovations with Life Cycle Sustainability metrics

Giacomo Falcone, Nathalie Iofrida, Emanuele Spada, Anna Irene De Luca

Ecological and digital transition in cities: measuring ecosystem services for urban planning and design



Wednesday 22nd May 14.30 - 16.30
 UNIRC - Architecture School - Room: AM
 On- line

1. Ecosystem services innovation and integration of knowledge for the contemporary city

Natalina Carrà

2. New gentrification patterns in the context of urban transition. The unequal spatial distribution of green-certified buildings in the city of Boston

Carmelina Bevilacqua, Armando Cepeda Guedea, Ugo Lombardo

3. Measuring the Value of Ecosystem Services

Raffaella Campanella

4. A reformulation of the plan process in light of SES: the Eu-ropean Blue and Green City Project

Alessandra barresi

5. Adaptive urban planning for sustainable urban transformations: a data-driven framework for cities ecosystem services-based quantification

Francesca Moraci, Carmelina Bevilacqua, Pasquale Pizzimenti

6. Data-driven planning approaches for measuring urban ecosystem services: the potential of big data and urban informatics for planning the transition of cities

Francesca Moraci, Carmelina Bevilacqua, Pasquale Pizzimenti, Vincenzo Barrile, Emanuela Genovese

7. Implementing The Ecological Transition: Green Infrastructures & Ecosystem Services as Key Factors for Urban Planning Innovative Paradigms

Gabriella Pultrone

8. The development of the city through the green strategy. The use of sustainability indicators

Domenico Passarelli

Francesca Moraci - DArTe Department, Mediterranea University of Reggio Calabria, Italy. Full Professor in Urban Planning she has coordinated several international and national researches funded by public and private bodies on regional and urban planning and urban design. Authors of several cities and municipalities Comprehensive plans and more than 200 scientific publications she is currently Scientific Coordinator for the Goal 4.6 and the Pilot Project 4.6.1 of the NRRP-funded Innovation Ecosystem Tech4You project.

Carmelina Bevilacqua - PDTA Department, Sapienza University of Rome, Italy. Associated Professor in Urban Planning she has coordinated several EU (7FP-H2020) and National research projects (PRIN) addressing urban complexity from the data-driven planning for cities' transition and the sustainability of urban transformation. Author of more than 100 scientific publications and editor of several research-related international conferences, she is currently Principal Investigator for the NRRP-PRIN funded ECO-SET research project.

Pasquale Pizzimenti - DArTe Department, Mediterranea University of Reggio Calabria, Italy. Researcher in Urban Planning his main research interests focus on urban regeneration and the planning of cities transition by exploring data-driven planning approaches for investigating urban complexity. Author of several publications on the topic, and former Marie Curie Fellow for the ZES Project (H2020), he

Economic evaluations, sustainable development planning and territorial planning

Massimiliano Bencardino - Department of Political Sciences and Communication - PoliCom, University of Salerno, Italy. Full professor in Economic-political Geography. He teaches, Geopolitics“ for the 1st-LD in Political Science and International Relations, Territorial organisation and spatial planning“ for the 2nd-LD in Territorial Policies and International Cooperation and Turism geography“ for the 2nd-LD in Management of Tourism systems for Sustainable Development. He is the author of more than 90 printed books, articles and proceedings.

Antonio Nesticò - Department of Civil Engineering, University of Salerno, Italy. PhD and civil engineer, Associate Professor in Property Appraisal and Economic Evaluation of Projects. Vice-President of the Italian Society of Appraisal and Evaluation, member of Teaching Board of PhD Course, Editorial Board of international journals, research groups. Author of more than 120 scientific publications, he received scientific awards and presented contributions at international workshops and conferences..

Gabriella Maselli - Department of Civil Engineering, University of Salerno, Italy. PhD and building engineer, Research Fellow in Property Appraisal and Economic Evaluation of Projects at the University of Salerno. She has carried out research periods abroad at the University of Shanghai (China) and at the Regather Cooperative in Sheffield (UK). Her research activities concern Cost-Benefit Analysis, intergenerational discounting, multi-criteria evaluations, models for property price forecasting.

Vincenzo Esposito - Department of Political Sciences and Communication - PoliCom, University of Salerno, Italy. PhD student at the Department of Political Sciences and Communication (DiSPC) of the University of Salerno. Advisor of the Observatory for Sustainable Development Planning and Territorial Planning” and member of the board of the “Observatory for Territorial Development”. Since 2023 he has been an expert in courses relating to the SSD M-G-GR/02.

Thursday 23rd May 11.00 - 13.00

UNIRC - Architecture School - Room: AT

On- line

1. Blockchain technologies for Supply Chain Logistics management. The risk of creating a false myth with negative consequences for local development.

Emiliano Di Marco

2. Spatial analysis of tourism pressure on coastal and marine Ecosystem Services

Vincenzo Esposito, Gabriella Maselli, Antonio Nesticò, Massimiliano Bencardino

3. Smart tourism development in the peripheral areas: the opportunity of startups

Vincenzo Esposito, Nadia Matarazzo

4. A GIS-based AVM for the land market value appraisal according to the market-oriented approach

Daniela Tavano, Francesca Salvo, Maria De Salvo, Laura Giuffrida

5. Ethical Public-Private Partnerships: A Forward-Thinking Approach to Enhancing Public Assets

Laura Gabrielli, Chiara Manente, Marco Milan, Aurora Greta Ruggeri

6. Life Cycle Costing and BIM: an integrated approach for a sustainable construction sector

Federica Russo, Gabriella Maselli, Antonio Nesticò

7. Green infrastructures, pollutant absorption and economic values

Antonio Nesticò, Carmen Scirocco, Federica Russo, Gabriella Maselli

Moving landscapes: synergies between nature, sports, and tourism



Thursday 23rd May 8.30 - 13.00

UNIRC - Architecture School - Room: A5

On-line

1. Tourism and mega events for local development: the Ryder Cup case study in Rome

Carmen Bizzarri

2. Territorial communities and new reticular technologies: comparing experiences in the tourism sector

Simone Bozzato

3. Sailing sports: a crossroads between tourism education, geography, and sustainability

Rosario De Iulio, Emanuele Isidori

4. Slow tourism in Bassa Valle d'Aosta: proposals for enhancing natural and cultural heritage

Anna Maria Pioletti, Marta Favro

5. The B-side of sporting mega-events

Raquel Prieto Parrilla, Roberto Diez Pisonero

6. Danube From River to Route: An Analysis on Slow and Cultural Tourism Development of the German Danube Cycling Path

Nicola Petaccia, Rossella Moscarelli

7. Enhancing the Anglona Coros territory: a tourist itinerary design and evaluation process

Cristina Coscia, Diana Rolando, Alice Barreca, Giorgia Malavasi, Francesca Pasquino

8. The rural landscape is the backdrop for the promotion of outdoor sports. A case study

Antonietta Ivona

9. World Equestrian Games 2022: Castelli Romani between regenerative opportunities and territorial challenges

Maria Grazia Cinti

Carmen Bizzarri an associate professor of geography at the European University of Rome in economic geography and former coordinator of the Master's program in Management of Tourist Organizations. She is a member of the management committee in the research center "Generative Welfare, Sustainability, and Rights" at the European University of Rome, as well as a member of the scientific committee of the International Forum of Gran Sasso, BTO, and ITEG (enogastronomic tourism). She serves as the treasurer of Sistur and is the national vice president of Confassociazioni Turismo, with a focus on sustainable tourism.

Simone Bozzato - University of Rome Tor Vergata, Italy. Simone Bozzato is an associate professor of geography at the University of Rome Tor Vergata. He currently serves as the coordinator of the professionalizing degree program TUREG (enogastronomic tourism) and the curriculum "Landscape and Territory" of the Ph.D. program in Cultural Heritage, Training, and Territory. Additionally, he is the director of the series "Tourism and Territories of Hospitality" at Armando Editore and is involved in the editorial board of the scientific journal Documenti Geografici and President of the Centre of Excellence of the Lazio Cultural Heritage and Activities Technological District.

Maria Grazia Cinti is Ph.D. candidate in the program "Cultural Heritage, Training, and Territory" curriculum "Landscape and Territory". Her research interests include cultural tourism, sustainable tourism, participatory local development, and themes related to sport geography and mega-events. She has over twenty years of professional experience as a technical director, business development manager and marketing manager in various Italian and foreign tour operators.

Anna Maria Pioletti - University of Valle d'Aosta, Italy. Anna Maria Pioletti is an associate professor of Economic and Political Geography at the University of Valle d'Aosta, Université de la Vallée d'Aoste, where she teaches Sociocultural Geography and is the orientation advisor for Primary Education Sciences. She serves as the president of the Valdostan section of the Italian Association of Geography Teachers and is the national coordinator of the research group "Geography and Sport" within the Italian Association of Geographers (A.Ge.I.).

Domenico Enrico Massimo Professor of Sustainability Valuation, Sustainability Design, Project Valuation, Civil Appraisal at Mediterranea University, Reggio Calabria, Italy. Permanent 91 Spurs Fellow and 2008-2011 Research Affiliate at Massachusetts Institute of Technology (MIT, Cambridge, Usa), researching urban and building Sustainability to overcome climate change and global warming. At Mediterranea University: 3-terms Vice Director of Patrimony Architecture Urbanism (PAU) Department; co-director of GEomatic VALuation University Laboratory (GeVaUL), and of Innovation and Technology Transfer University Laboratory (ITT) .

Mariangela Musolino, Professor of Strategic Assessment of Cultural Heritage, and Urban, Real Estate, Agricultural, Cadastral Appraisal at Mediterranean University, Reggio Calabria. Scientific co-director of the Geomatic Valuation University Laboratory (GeVaUL). Member of Scientific Council of the UNESCO Med Lab INTERNATIONAL University Laboratory. Prof. Musolino's area of expertise covers all aspects of the appraisal, recovery and enhancement of the building and cultural heritage.

Roberta Errigo, Ph.D. student in Architecture, curriculum in Urban Regeneration, at "Mediterranean" University of Reggio Calabria, PAU Department. Valuation subject expert and teaching assistant. SSD: ICAR/22. Component of Geomatic Valuation University Laboratory (GeVaUL). Arch. Errigo's area of expertise covers all aspects of the integrated valuation, ecological and economics, of the ecological transition

Alessandro Malerba Adjunct Professor of Design, Feasibility of the productive process at Mediterranea University, Reggio Calabria. At Mediterranea: Post PhD Research Fellow; Manager of GEomatic VALuation University Laboratory (GeVaUL). Suitable: Cnr for Gis of managing, enhancing cultural heritage; Enea for Gis development experience aimed at seismic vulnerability issues Consulor: Invitalia for the programme Development Policies Dep. Ministry of Economy: Resolutions CIPE #89.02, #130.02

Pierfrancesco De Paola associate Professor of Property, Industrial and Corporate Valuations at University of Naples "Federico II". Building engineer and PhD in Conservation of Architectural and Environmental Heritage achieved at the "Mediterranean" University of Reggio Calabria. Member of Italian Society of Property Evaluation and Investment Decision (SIEV). Component of Geomatic Valuation University Laboratory (GeVaUL). Prof. De Paola's area of expertise covers all aspects of property, industrial and corporate valuations

Thursday 23rd May 14.30 - 16.30

UNIRC - Architecture School - Room: A3

On-line

1. Valuation of comparative basemap for quarry appraisal

Domenico Enrico Massimo

2. Valuation of quarry based upon diachronic basemap for appraisal

Domenico Enrico Massimo

3. Reimagining Industrial Legacy: Strategic Urban Adaptation for Climate Resilience in an Era of Radical Environmental Change

Dr. Asma Mehan

4. Urban planning: standard for Quality of life

Paola Panuccio

5. Quarry census in a regional area for future valuation

Mariangela Musolino, Roberta Errigo

6. Standardized quarry 3D representation toward future appraisal

Mariangela Musolino, Roberta Errigo

7. Appraisal of quarry consolidation and renaturation Costs

Francesco Calabrò, Alessandro Malerba

8. Analyzing the Effectiveness of the Landscape and Ecology Approaches in Establishing a Sustainable Human- Environment Relationship in Adaptive Reuse

Morteza Hemmati, Azarnush Amiri, Mohammad ZarraNezhad

9. A clustering analysis to support the definition of effective ESG impact assessment practices

Francesco Tajani, Francesco Sica, Pierluigi Morano, Maria Rosaria Guarini, Antonella Roma

10. Composite indicators for fast-track evaluations in ESG sustainable finance

Francesco Sica, Francesco Tajani, Pierluigi Morano, Marco Locurcio, Emma Sabatelli

Thursday 23rd May 8.30 - 13.00

UNIRC - Architecture School - Room: A5

On- line

1. The discovery of the Apennine mountains: reproduced landscapes and aesthetic models by Edward Lear

Antonio Ciaschi, Mario Morrica

2. Mobility and tourism geography in mountain areas. The role of LAGs in territory development

Dario Bertocchi, Marta Tasso

3. Is life better, greener, and happier in the mountains? Genesis of a qualitative research among the inhabitants of the Friulian mountains in the context of the Prin MIND

Agata Gridel

4. Sustainable attractiveness in the Italian Apennines. A review and advancement proposal

Monica Meini, Diana Ciliberti

5. . Retro-innovation? Mountain agriculture bucking the trend in Italian Eastern Alps

Viviana Ferrario

6. From historical cartography to deep mapping. For a participatory map of the heritage of the Verrino Valley

Marco Petrella

Mauro Pascolini - University of Udine, Italy. Full Professor of Geography at the University of Udine, he mainly focuses on landscape, mountainous and marginal territories, local development, and territorial enhancement. He is a member of the Scientific Committee of Dolomiti Unesco and has served as the president of Rete Montagna. He is the national coordinator of PRIN MIND (Mountains inside the mountain), a project that brings together seven universities from the Alps and the Apennines with the aim of studying and analyzing the environmental economic and socio-cultural dynamics of the Italian mountains.

Pierluigi Magistri - Tor Vergata University of Rome, Italy. Associate Professor of Geography at the University of Rome Tor Vergata, specializes in Processes of new territorialization resulting from immigration dynamics, with specific consideration of the Italian geographical space and the components of cultural religious matrix. He also focuses on territorialization processes resulting from emigration dynamics, specifically examining the Italian geographical space, especially in inner and mountainous areas. He researches the territorial organization of the Abruzzi geographical space, investigated from both current and geo-historical perspectives.

Fabrizio Antolini, is Associate Professor of Economic Statistics, at the University of Teramo. He is the President of the Italian Society of Tourism Sciences (SISTUR), and is the Editor-in-Chief of the Journal of Tourism, Italian Journal of Tourism. He is one of the coordinators of the first part of the Italian Tourism Report. He is an external expert for Istat and a member of the National Observatory on Tourism, established at the Ministry of Tourism.

Patrizia Battilani is Full Professor in Economic History at the University of Bologna, where from 2018 to 2021 she was the head of the Center for Advanced Studies in Tourism. She was a visiting scholar at the University of Sydney (2013) and the University of Glasgow (2018 and 2019). Her research and publications focus on business history, tourism history, and cultural heritage. She has participated in many European projects, such as Recolor, RurAllure and FabRoutes.

Sandro Cruciani, currently Director of the Directorate for Environmental and Spatial Statistics. He has been working at Istat since 2000 and has always been in charge of socio-economic statistics oriented to the study of the territory. In particular, he has been involved in the ex-ante measurement of the effects of territorial cohesion policies and has carried out the new mapping of local labor systems, using open-source procedures and tools. More recently he has been involved in the organization of the general census of agriculture, statistics on tourism, agriculture, culture and transport and geo-referencing systems and statistical units. He is the Italian representative at "Directors of sectoral and environmental statistics and accounts (DIMESA)" established at Eurostat and of the "Working Party on Territorial Indicators" established at the OECD.

Friday 24th May 8.30 - 10.30

UNIRC - Architecture School - Room: A5

On- line

1. Estimation of the economic and social impact of a museum activity, a case study: the Tavolara Pavillon in Sassari

Giorgio Garau, Andrea Karim El Meligi, Giuliana Altea, Antonella Camarda and Luca Poddighe

2. Cultural tourism in Italy: a proposal for definitions, analysis indicators and data integration

Maria Teresa Santoro, Lorenzo Cavallo, Silvia Di Sante and Francesca Petrei

3. The role of the Italian museum system on economic growth: a latent transition analysis proposal

Carla Galluccio, Francesca Giambona, Laura Grassini

4. The hybrid organization for the difficult heritage of the holiday camp buildings: the challenges for sustainable cultural tourism

Lucia Varra

5. Addressing over and under tourism along cultural routes. Lessons learned from the H2020 project RurAllure

Davide Bagnaresi, Patrizia Battilani, Maria Laura Gasparini, Alessia Mariotti

6. Measuring culture for well-being and sustainability: the new frontier of tourism development

Fabrizio Antolini, Ivan Terraglia, Samuele Cesarini

7. Collaborations among cultural heritage sites: A network analysis perspective

Benedetta Valeria Cannizzaro, Marcantonio Ruisi



The tourist valorization of cultural heritage in the territorialization process of the 2030 agenda. cultural itineraries as drivers of sustainable development in the euro-mediterranean context

Friday 24th May 8.30 - 10.30

UNIRC - Architecture School - Room: A12

On- line

1. The relational nature of cultural heritage. Cultural routes and territorial identity

Natalina Carrà

2. The management and productive use of cultural and religious routes

Anna Trono

3. Transition Pathways and Cultural Itineraries for Sustainable, Resilient and Inclusive Tourism

Gabriella Pultrone

4. Widespread receptivity as a tool for the regeneration of small towns. The case of Cirò in Calabria

Andrea Iacomoni

5. Free time and culture: statistical analyzes to describe territorial differences in Italy

Domenico Marino, Domenico Tebala

6. Living maps and cultural biographies. Ancient maps for a deep mapping of the territorial heritage of the Verrino Valley

Marco Petrella

Natalina Carrà - DArTe Department , Mediterranea University of Reggio Calabria, Italy. Associate professor of Urban Planning, PhD in Territorial and Urban Planning. Both in teaching and research activities, and in the applicative ones, carried out at dArTe Department, she mainly deals with the issues of environmental planning and of urban and territorial regeneration, and is the author of numerous scientific publications.

Gabriella Pultrone - DArTe Department , Mediterranea University of Reggio Calabria, Italy. Associate Professor in Urban Planning, PhD in Planning and Design of the Mediterranean City. Author of more than 100 scientific publications focused on the following main research topics: Cultural Heritage and sustainable tourism; Urban planning for the implementation of the 2030 Agenda; Human Smart Cities; Resilience and urban regeneration; Ecological and digital transition.

Anna Trono - University of Salento, Italy. Professor of Political Economic Geography, experienced researcher in environmental problems and urban planning, in the last twenty years has focused her research on environmental and cultural tourism. She has published numerous essays and books on these themes, many of which in connection with large-scale projects involving international universities.

IC-02

The ICOMOS Charter for Cultural Tourism: strategic planning and enhancement of the heritage between the Venice Charter and the paradigm of sustainability

Massimiliano Bencardino - Department of Political Sciences and Communication - PoliCom, University of Salerno, Italy. Full professor in Economic-political Geography. He teaches, Geopolitics“ for the 1st-LD in Political Science and International Relations, Territorial organisation and spatial planning“ for the 2nd-LD in Territorial Policies and International Cooperation and Tourism geography“ for the 2nd-LD in Management of Tourism systems for Sustainable Development. He is the author of more than 90 printed books, articles and proceedings.

Maddalena Chimisso teaches Industrial Archaeology and History of tourism at the University of Molise (Italy), where she holds a PhD in European history. She is secretary of the of the association RESpro-Network of historians for production landscapes and member of the scientific committee of asso ittee of OS. Opificio della Storia Journal. She is a member of the ICOMOS National Scientific Committee for Cultural Tourism and of the ICOMOS National Scientific Committee for Industrial Heritage. Her research focuses on economic history, production landscapes and industrial heritage with particular reference to the contemporary period, using an interdisciplinary methodology.

Laura Genovese PhD researcher at CNR - Institute of Cultural Heritage Sciences and member of the National Scientific Committee Cultural Tourism - ICOMOS. She is an expert in the enhancement of cultural sites (e.g., museums, archaeological areas, monumental sites, etc.) evaluating methods and tools to improve sustainable uses, promote their integration at various territorial scales (e.g., thematic routes, cultural itineraries, etc.), stimulating heritage-based sustainable growth processes.

Stefania Landi - MD in Building engineering and Architecture and PhD in Architectural Conservation (University of Pisa), she is currently developing teaching and research activities respectively at the University of Pisa and University of Campania “Luigi Vanvitelli”, cultivating various international collaborations. Her research interests concern the documentation and conservation of cultural heritage, with a focus on 20th century architecture and small towns. She is Executive board member of ICOMOS Italy, Secretary General of ICOMOS-ISC20C, Aggregate member of SIRA and CSSAr.

Friday 24th May 8.30 - 10.30

UNIRC - Architecture School - Room: A7

On- line

1. The crowdfunding for the sustainability of real estate investments

Marco Locurcio, Pierluigi Morano, Francesco Tajani, Francesco Sica, Giuseppe Cerullo

2. Mistretta “Sella dei Nebrodi”. Interpretation and conservation of the historic town for triggering and supporting cultural tourism.

Angela Mazzurco, Stefania Landi

3. Documentation and cataloguing of the Colognole Aqueduct in the Leghorn territory: towards a definition of guidelines for conservation, accessibility and landscape regeneration

Stefania Landi

4. Evaluation of tourist intensity in the South Italy and empirical evidence

Massimiliano Bencardino, Vincenzo Esposito

5. Word Heritage List and production landscapes: Open Access (re) sources from UNESCO and ICOMOS digital Archives

Maddalena Chimisso

6. Cooperation solutions for the local sustainable development of heritage communities: role and contributions of the Faro Italia Network

Laura Genovese, Lucia Alberti, Francesca Colosi, Maria Carmela Grano, Sabrina Greco, Carla Sfameni, Maurizio Lazzari

7. ICOMOS Charter for Cultural Tourism: governance, operator skills and evaluation aspects in strategic planning for the rebalancing of flows between overtourism and undertourism

Francesco Calabrò, Mariangela Musolino, Domenico Enrico Massimo, Angela Viglianisi, Lucia Varra

8. The abandonment of mining settlements and the crisis of “cultural” and “communicative” memory

Angela Quattrocchi, Laura Genovese

Wednesday 22nd May 14.30 - 19.00
UNIRC - Architecture School - Room: A3
On- line

FS - BCL - 01 KNOWLEDGE

- 1. An app for the enhancement of the Byzantine cultural heritage**
D. Savoca Macri, A. Vanaria
- 2. Cultural Routes as a place to build Peace. Historical-religious observations on the “Calabria case**
A. Saggiaro
- 3. Monastic settlements in Calabria and Sicily. A database for the Byzantine Cultural Landscape project**
F. Passalacqua
- 4. Byzantine Malaga**
R. Caballero
- 5. Movable cultural heritage: Icons and manuscripts**
A. Rembeci, S. Çunga
- 6. Cultural cohesiveness and sense of belonging: the legacy of Byzantine monasticism in Calabria**
M. Mormino
- 7. At the roots of the Nilian Path: the Longobard and Byzantine Mercurion**
G. Russo

Mariangela Monaca is full professor of History of Religions at the Department of Ancient and Modern Civilizations, University of Messina (Italy). She is secretary of the Italian Society for the History of Religions. She participates in numerous national and international research projects and is head of the Messina unit of the PRIN Old Words for a New World: Translating Christianity to Baltic Pagans. His interests are mainly in the religious history of the Late Antique world and early Christianity (with special attention to the theme of the relationship between polytheisms and Christianity, and the theme of divination, magic and thaumaturgy, interreligious dialogue, the methodological problem in historical-religious research, and the religious history of Calabria.

FS - BCL

Byzantine cultural landscape

Daniela Costanzo

Fabrizio Sudano

Wednesday 22nd May 14.30 - 19.00
UNIRC - Architecture School - Room: A3
On- line

FS - BCL - 02 Byzantine Studies in History, Art & Archaeology

1. Reggio and southern Calabria in the Byzantine era

G. Strano

2. The Byzantine administrative structure in Calabria: the testimony of diplomatic seals

V. Prigent

3. The Byzantines in Calabria: some reflections on an ongoing research project

A. Coscarella

4. The stuccos from the church of Santa Maria di Terreti: knowledge, restoration and enhancement

B. Fazzari

5. From the kastron of Aghia Kiriaki to the Dives opum Geratia, the persistent Byzantine culture in the Norman age

G. Oliva

6. Byzantine Aspromonte. Research and protection activities carried out by SABAP of Reggio Calabria

A. M. Gennaro

7. Icons of Calabria: an identity phenomenon between cult and tradition

S. Paone

8. The medieval rock landscape in Puglia between conservation issues and cultural enhancement: for a multidisciplinary approach to the restoration of the hypogeum of Sant'Antonio Abate in Nardò

M. De Giorgi

Thursday 23rd May 8.30 - 10.30
UNIRC - Architecture School - Room: A3
On-line

FS - BCL - 03 PROTECTION AND CONSERVATION**1. Byzantine Ruins. Conservation Surveys on Early Middle Ages Religious Architectures in the Southern Ionic Area of Calabria**

J. Lanzillotta, A. Libri, N. Sulfaro

2. San Giovanni Theristis: Measure, Form and Matter

F. Prampolini

3. Principles of sustainability in Byzantine mortar construction technology

M. Stefanidou

4. Routes and strong points of the Byzantine Valdemone

F. Todesco

5. The Kastron of Stilo and urban strategies in Byzantine Calabria

F. Cuteri

6. Byzantine reminiscences in the Reggio area: the case of the Sant'Agata Valley, between persistence and changes

V. Varà

Nino Sulfaro - Mediterranea University of Reggio Calabria, Italy. Associate Professor in Architectural Restoration. His recent research and didactic activities focus on abandoned small towns and pre-industrial and industrial heritage.

Maria Stefanidou, She has diploma in Geology (1993), Master in Nanoscience and Nanotechnologies (2011) in Physics Department and PhD in Traditional materials (2000) in School of Civil Engineering from Aristotle University in Thessaloniki. She is the director of Laboratory of Building Materials in School of Civil Engineering AUTH since 2015. She is a member of research group in 94 national and European projects and scientific responsible in 22. She has organized conferences, training schools and seminars to disseminate new technologies in building materials. She is responsible for 7 PhDs and 3 post-docs while she has completed 3 PhDs. She serves as a reviewer for 14 high-IF scientific journals and she is an associate editor in Journal of Building Engineering (Elsevier). She is a member of RILEM TCs and RILEM European Regional Convener in Europe. Her research interests involves upgrading both traditional and cement -based materials using new technologies such as nanoparticles, bio-fibres and industrial by-products. She has published 82 articles in international journals, more than 200 in conferences and 25 chapters in special editions. Her work has received a high number of citations and an h-index of 26(SCOPUS). She is among the 2% of the most influential researchers in the world according to the ranking by Stanford University and Elsevier for the years 2020 and 2022.

FS - BCL

Byzantine cultural landscape

Francesco Calabrò Associate Professor at the Mediterranean University of Reggio Calabria (Italy) since 2023 (SSD ICAR/22). He teaches Real Estate Appraisal and Economic Evaluation of Plans and Projects (ICAR 22 SSD) in the Architecture, Design and Civil Engineering Degree Courses, at the same University, where he is also: head of the II level University Master's Degrees in "Cultural Tourism and Landscape" and in "Evaluation and Strategic Planning of City and Territory". Scientific director of the research laboratories "ECHE Lab - European Cultural Heritage Enhancement Lab" and "LaborEM - Laboratorio di valutazioni economico-estimative per le Aree Interne Edoardo Mollica". Since 2019 he is Coordinator of ICOMOS Italia National Scientific Committee on "Cultural Tourism".

Thursday 23rd May 8.30 - 10.30

UNIRC - Architecture School - Room: A3

On-line

FS - BCL - 04 ENHANCEMENT AND MANAGEMENT

1. Follow the paths of dialogue and rediscovery: starting from schools

M. Monaca, A. Albanese

2. Citizen participation in the enhancement process of the Niliانو Path

C. Bocci

3. A museum to enhance the Byzantine identity of the territory

K. Tamà

4. The project to improve the accessibility of the Bova Marina Archaeological Park: strategy, characteristics and tools for the valorisation of the synagogue

E. Trunfio

Results of research of ECHE Lab

Loré I. e Minniti G



SPECIAL EVENTS



 SE

01 EDOARDO MOLLIKA AWARD CEREMONY

Mariangela Musolino, Mediterranea University of Reggio Calabria

Thursday 23rd May 08.30 - 10.30
UNIRC - Architecture School - Room: A2
On-line

EDOARDO MOLLIKA AWARD

Participation of young researchers in the scientific debate - Successful early career researchers' papers

 SE

02 VALERIA MORABITO AWARD CEREMONY

Riccardo Pulselli, Mediterranea University of Reggio Calabria

Wednesday 22nd May 14.30 - 15.30
UNIRC - Architecture School - Room: AT
On-line

VALERIA MORABITO AWARD

ASTRI Call for Students „Nurture Your Talent“

Speakers:

Francesco Armato, Mediterranea University of Reggio Calabria
Nino Sulfaro, Mediterranea University of Reggio Calabria
Francesco Bagnato, Mediterranea University of Reggio Calabria
Sardar S. Shareef, Tishk International University, Sulaimani (Iraq)
Ibtisam Al Khafaji, Al Esraa University, Baghdad (Iraq)
Ilaria Costantino, Student Council - Mediterranea University of Reggio Calabria

ICOMOS Cultural Tourism Award: towards the evaluation model

04
del



Friday 24th May 11:00 - 13:00
UNIRC - Architecture School - Room: A7
On-line

11.00 welcomes

Maurizio Di Stefano, Presidente ICOMOS Italia

11.15 Introductory report

Francesco Calabrò, Coordinatore Comitato Scientifico Nazionale ICOMOS Italia “Turismo Culturale”

11.30 Planned interventions

Roberta Alberotanza, ICOMOS Italia, CSN “Turismo Culturale”

Luigi Fusco Girard, Università Federico II di Napoli

Pasquale De Toro, Università Federico II di Napoli

Fabrizio Antolini, Presidente SISTUR

Sandro Cruciani, ISTAT

Gaetano Di Tondo, Confindustria Canavese

Patrizia Battilani, Università di Bologna

Massimiliano Bencardino, Università di Salerno

Maddalena Chimisso, Università del Molise

Lucia Varra, Università di Firenze

Paolo Motta, ICOMOS International Committee “Cultural Tourism”

12.45 Conclusions

Celia Martinez Yanez, Secretary of ICOMOS International Committee “Cultural Tourism”



08 Byzantine Cultural Landscape

Thursday 23rd May 11:00 - 13:00
UNIRC - Architecture School - Room: A3
On-line

Tavola rotonda:

Il partenariato istituzionale, sociale ed economico dell'itinerario Culturale "Il Paesaggio Culturale Bizantino. Borghi, sistemi difensivi, insediamenti monastici, riti e tradizioni delle Aree Interne del Mediterraneo"

Chairs:

R. Alberotanza, Responsabile Sezione Itinerari Culturali European Cultural Heritage Enhancement Lab

E. Giudrinetti, Responsabile Itinerari Culturali Borghi più Belli d'Italia



09 PLanETs Meeting

Thursday 23rd May 17.00 - 19.00
UNIRC - Architecture School - Room: AM
On-line

On the occasion of the NMP 2024, the PRIN 2022 project PLanETs' members will gather to discuss their research advancement with members of the Advisory Board composed of Professors Mariacristina Giambruno (DAStU Politecnico di Milano), Annunziata Maria Oteri (DAStU Politecnico di Milano) and Caterina Giannattasio (Dicaar University of Cagliari).

PRIN 2022 Project "PLanETs. Production Landscapes through Energy Transitions: Industrial heritage preservation, socio-political processes and potential reuse in Lombardy, Sardinia, and Calabria"

Research group and participants:

Valentina Pintus (Unical)
Nino Sulfaro (Unirc)
Oana Cristina Tiganea (DAStU Politecnico di Milano)
Gloria Pessina (DAStU Politecnico di Milano)
Chiara Geroldi (DAStU Politecnico di Milano)
Marta Dell'Ovo (DAStU Politecnico di Milano)
Rossana Gabaglio (DAStU Politecnico di Milano)
Francesco Calabrò (Unirc)
Renato Sansa (Unical)
Martina La Mela (Unirc)



Wednesday 22nd May 17.00 - 19.00
UNIRC - Architecture School - Room: A6
On- line

Coordinates:

Flavia Martinelli

Moderates:

Chiara Corazzieri

Speakers:

Maria Mallema, Ministry of Culture

Simona Mauro, formerly Formez

Guido Mignolli, GAL Terre Locridee

Maurizio Nicolai, Regione Calabria

Rosanna Nisticò, formerly ZES Calabria

Giuseppe Smorto, journalist and essayist

Antonino Tramontana, Chamber of commerce RC



**NETWORK,
MARKETS &
PEOPLE**

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Sardar Sulaimani Shareef – Tishk International University - Sulaimani, Kurdistan Region (Iraq)
Stefano Stanghellini – INU – Istituto Nazionale di Urbanistica
Maria Stefanidou – Aristotle University of Thessaloniki (Greece)
Luisa Sturiale – Università di Catania
Francesco Tajani – Sapienza Università di Roma
Roberta Troisi – Università di Salerno
Lucia Varra – Università di Firenze

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Contacts

Official Website
nmp.unirc.it

E-mail
nmp@unirc.it

Web platform
nmp.unirc.it

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Grafica e Impaginazione
Crea Giuseppina
Mammola Lucia

Foto
Pasquale Sbriglio

Logo
Angela Viglianisi