New Metropolitan Perspectives

NMP2020 - PROGRAMME

4TH INTERNATIONAL SYMPOSIUM
26.05.2020-28.05.2020
EDITION 2020
The 4th edition of the „NEW METROPOLITAN PERSPECTIVES“ International Symposium

The 4th edition of the International Symposium “New Metropolitan Perspectives” faces the challenge of local development’s innovation dynamics and its complexity putting humankind at the centre of the scientific debate, towards reclaiming that “man is the measure of all things”.

In partnership with Rhegion United Nations 2020-2030. Territories and cities, material and immaterial heritage, resilience and transformations in the perspective of the 17 Sustainable Development UN Goals.

The symposium is jointly promoted by the LaborEst and the CLUDsLab Laboratories of the PAU Department, Università Mediterranea of Reggio Calabria, Italy, in partnership with a qualified international network of academic institutions and scientific societies. It is part of the TREnD (Transition with Resilience for Evolutionary Economic Development) Research Project funded by the European Union’s Horizon 2020 Research and Innovation Programme under the Marie Skłodowska Curie Actions – RISE 2018.

SYMPOSIUM LANGUAGES: ENGLISH - ITALIAN

WEB SITE: www.nmp.unirc.it

WEB COMMUNITY - TEAMS: NMP2020

SCIENTIFIC COORDINATORS: LaborEst – Francesco Calabró, Lucia Della Spina
CLUSLab – Carmelina Bevilacqua

ORGANISING BODY: ASTRI – Scientific Association on Interdisciplinary Research and Regional Studies
The event is organized with the aim to receive contributions from national and international scientific community on sustainability transitions towards transforming regional and urban sociotechnical systems within new policy agendas of sustainability and cohesion, according to the directions of Horizon Europe and Agenda2030.

This edition faces the challenge of local development’s innovation dynamics and its complexity, putting humankind at the center of the scientific debate, towards reclaiming that “man is the measure of all things”, as stated by Protagoras. The underlying question is: How does the new relationship between man and technology affect human settlement systems and land use? The speed of technological progress in recent years has increased significantly: within a few years, machine learning has developed into deep learning. Recent publications by the global consulting Roland Berger have revealed the incredible progress made by robots, already used to a great extent in various sectors, with a substantial reduction of the working time, important increases in productivity, with benefits for the entire society. Besides, in everyday life, a new way of conceiving time and connections has emerged, dependent on information and communication technology, seen immediately and urgently. Technological innovation and the development of ICT have changed the rules of living physical and human spaces rewriting the parameters of work, social behavior, and territorial/urban governance, with a substantial change of the location patterns. In the field of social science is there the right attention to these issues? What approach has there been over the past few years and what direction should we take in the future? Concurrently, the nature of human cohabitation that had characterized urban agglomerations has changed over time, following a mangled social environment and the dismemberment of the territory. Distinctiveness that we are witnessing today is the depopulation and abandonment of rural areas, connected with the metropolitan „nervous network“ expansion, as underlined by M. Cacciari, devouring the surrounding territory. The metrics of the man-nature dialectic are hardly recognizable in cities and territories, and the gap between rich and poor keep growing. Nevertheless, the awareness of complexity involves a rethinking of meaning-making structures for responses to complex societal issues with a correspondingly radical rethinking of “measure matters”. At European level, the regional strategy of smart specialization is at the center of academics, policy practitioners’ debate in the post-2020 Cohesion policy. Among new statements on a more flexible approach in allocating investment, on a more integrated approach to reach the goal of development, the recall of a more tailored approach to regional development is emphasized. It seems that a shift occurs from a place-based approach to locally-based, which asks a recognizable involvement of the city and citizens. Reaching the change needs transition approach, namely sustainability transitions towards transforming regional and urban sociotechnical systems.

The TREnD project proposes a new perspective on the design process of tailored development policies via the innovation boost. Stemming from the current debates on regional diversification, together with the emerging role of the city in pursuing local innovation ecosystem, the aim is to explore new development policy configuration in which the evolutionary framework prompts the response of different territories to continuous shocks. The relevance lies in bridging Resilience, as an ongoing process of change rather than recovery to a (pre-existing or new) stable equilibrium state. In this perspective, the innovative aspect stems from conceiving Transition Management (TM) as a keen strategical approach to translate the combination (Resilience, Diversification, Evolutionary Theory) into policy design and implementation.
RHEGION UNITED NATIONS 2020-2030

Territories and cities, material and immaterial heritage, resilience and transformations in the perspective of the 17 Sustainable Development UN Goals, 26 May

Rhegion UN 2020-2030 intends to highlight the importance of cultural change that must be made in order to pursue the philosophy of sustainable development specified by the UN in 2015, participating in the construction of „cultured technology” mentioned since 1991 by Romano del Nord. That is to build a new civitas, with roots in history and sustainable for the future, where the Comunitas can live with good quality of life and in harmony with nature, as well highlighted in the Encyclical Letter Laudato Sii of the Holy Father Francis on the Care of Common House focused on integrated ecology. The aspects linked to anthropological questions will not be secondary, but examples of good local, national and international practices will also be relevant.

SCIENTIFIC COORDINATOR: Stefano Aragona, PAU Dept.
### THEMATIC SESSIONS (TS)

**TS01** Valorization of Internal Areas and Eco-System Services: Strategies and Tools for the Requalification of Territories

**TS02** Urban Regeneration and Safety Assessment. Towards Significant Health-Friendly Urban Models

**TS03** Territorial Dynamics and Economic Values

**TS04-T1** Can Knowledge Complexity Generate Inequalities? New Trends for Peripheral Areas

**TS04-T2** Re-Balancing Territorial Inequalities: How Marginalized Areas Can Be Catalysts of Local Development

**TS04-T3** Dynamism and Competitiveness: High-Growth Enterprises, Start-Ups, Gazelles, Scale-Ups, Unicorns, in the Euro-Mediterranean Area

**TS04-T4** Community-Led Local Development of Coastal and Fisheries Areas

**TS05** The Multiple Benefits of Smart Energy Projects, Communities, Districts and Territories. Towards New Modelling, Implementing and Appraisal Approaches

**TS06** Shape, Rules and Values. New Evaluations Methods for Urban Regeneration

**TS07** Towards Sustainable, Safe, Smart and Resilient Infrastructures

**TS08** Urban Representations and Visual Narratives

**TS09** Transforming the Built Environment through Sustainability: Processes and Values

**TS10** Towards an Operational Definition of Social Innovation Practice in Regional Development Policy and Urban Regeneration

**TS11** Innovation Ecosystems

**TS12** Valuations Support Post Carbon City and Green Building Strategies

**TS14** Integrated Techniques and Innovative Methodologies of Geomatics for Local Development’s Innovation Dynamics

**TS15** Decision Support Methods for Urban Planning Policies Concerning the Saving Soil and the Enhancement of Properties in Disuse

**TS17** Partnerships for the Future: Participatory and Multidisciplinary Policies to Sustainable Urban Governance

**TS18** Bridging the Gap Between Ecosystem Services and Landscape Design. The Role of the Evaluation in Supporting the Design Process

**TS19** Innovative and Sustainable Approaches for the Enhancement of Cultural Heritage in Fragile Areas

**TS20** Cultural Heritage Management Strategies and Models for Inner Areas

**TS21** Metropolis Cities: Economic-Territorial Strategies, Financial Constraints and Circular Regeneration

**TS22** Cultural Heritage, Climate Change, Intercultural Dialogue and Strategies for Integrated Conservation

**TS24** Place in Discourse (Towards the Definition of Place)

**TS25** Region United Nations 2020-2030

**TS26** Urban Resilience

**TS28** Spatial Data Infrastructures, Urban Modelling and Geospatial Analyses in Assessing Urban and Rural Landscapes: New Perspectives and Open Challenges

**TS30** Ecodesign and Green Building for Sustainable Development Goals

### EXTRA SESSIONS (ES)

**ES01** Awards - E.M. Edoardo Mollica Award - V.M. Valeria Morabito Award

**ES02** Il Viaggio di Ulisse come Itinerario Culturale Euromediterraneo (ITA)

**ES03** Tavola Rotonda - Le Citta’ al Tempo del 5G (ITA)

**ES04** L’Uomo di Protagora: Misura di Tutte le Cose (ITA)

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**NEW METROPOLITAN PERSPECTIVES 2020**
**NMP2020 PROGRAMME**
The largest part of the NMP2020 programme is the collection of Thematic Parallel Sessions, on a different scientific topics. Each session has a short abbreviation which will be used on the schedule.

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<td>VALORIZATION OF INTERNAL AREAS AND ECO-SYSTEMS SERVICES. STRATEGIES AND TOOLS FOR THE REQUALIFICATION OF TERRITORIES</td>
<td>Rural Development; Territorial Systems Resilience; Integrated and Sustainable Tourism; Therapeutic landscapes.</td>
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<td>URBAN REGENERATION AND SAFETY ASSESSMENT. TOWARDS SIGNIFICANT HEALTH-FRIENDLY URBAN MODELS</td>
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<td>TERRITORIAL DYNAMICS AND ECONOMIC VALUES</td>
<td>Territorial Planning; Real Estate Values; Urban Growth Models; Rural Development; Geographic Information Systems.</td>
<td>Massimiliano Bencardino, Antonio Nesticò, Gabriella Maselli</td>
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<td>TS04</td>
<td>T1 - CAN KNOWLEDGE COMPLEXITY GENERATE INEQUALITIES? NEW TRENDS FOR PERIPHERAL AREAS</td>
<td>Knowledge Complexity; Peripheral Areas; Transition Management; Resilience; Quality of Governance.</td>
<td>Carmelina Bevilacqua, Pierre Alexandre Balland, Christina Kakderi, Vincenzo Provenzano</td>
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<td>TS04</td>
<td>T2 - RE-BALANCING TERRITORIAL INEQUALITIES: HOW MARGINALIZED AREAS CAN BE CATALYSTS OF LOCAL DEVELOPMENT</td>
<td>Marginalization Processes; Inequalities; Cohesion Policy; Local Development; Regeneration.</td>
<td>Gabriella Esposito De Vita, Elena Marchigiani, Camilla Perrone</td>
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<td>TS04</td>
<td>T3 - DYNAMISM AND COMPETITIVENESS: HIGH-GROWTH ENTERPRISES, START-UPS, GAZZELLES, SCALE-UPS, UNICORNS, IN THE EURO-MEDITERRANEAN AREA</td>
<td>Enterprises Competitiveness; High-growth Enterprises; Start-ups; Euro-Mediterranean Ecosystem; Family Business.</td>
<td>Carmelina Bevilacqua, Domenico Nicolò</td>
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<td>TS04</td>
<td>T4 - COMMUNITY-LED LOCAL DEVELOPMENT OF COASTAL AND FISHERIES AREAS</td>
<td>Integrated development; Fisheries Economics; Destination Tourism; Cultural Heritage; ICZM.</td>
<td>Claudio Marcianò</td>
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<td>TS05</td>
<td>THE MULTIPLE BENEFITS OF SMART ENERGY PROJECTS, COMMUNITIES, DISTRICTS AND TERRITORIES. TOWARDS NEW MODELLING, IMPLEMENTING AND APPRAISAL APPROACHES</td>
<td>Multiple Benefits; Smart Energy Transition; Positive Energy Districts; Assessment; Modelling.</td>
<td>Adriano Bisello, Giuliano Marello, Valentina Antoniucci</td>
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<td>TS06</td>
<td>SHAPE, RULES AND VALUES: NEW EVALUATIONS METHODS FOR URBAN REGENERATION</td>
<td>Evaluations; Vacancy; Adaptive Reuse; Real Estate; Values.</td>
<td>Isabella Lami, Stefano Moroni</td>
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<td>TS07</td>
<td>TOWARDS SUSTAINABLE, SAFE, SMART AND RESILIENT INFRASTRUCTURES</td>
<td>Sustainability; Safety; Resilience; Smart; Infrastructure.</td>
<td>Marinella Giunta, Giovanni Leonardi</td>
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NEW METROPOLITAN PERSPECTIVES 2020
THEMATIC SESSIONS - TS

“Papers addressed the main topic through a multidisciplinary perspective, pursuing an integrated approach in order to deal with strategic planning, spatial planning, economic programs and decision support tools”

**TS08**
**URBAN REPRESENTATIONS AND VISUAL NARRATIVES**
*Keywords*: Urban Representation; Urban Visualisation; Visual Narratives; Abstract Illustrations; Urban Drawings.
*Chair*: Beniamino Polimeni

**TS09**
**TRANSFORMING THE BUILT ENVIRONMENT THROUGH SUSTAINABILITY: PROCESSES AND VALUES**
*Keywords*: Sustainability; Built Environment; Externalities; Green Buildings; Indoor Comfort.
*Chairs*: Raul Berto, Federico Dell’Anna, Marta Dell’Ovo, Alessia Mangialardo

**TS10**
**TOWARDS AN OPERATIONAL DEFINITION OF SOCIAL INNOVATION PRACTICE IN REGIONAL DEVELOPMENT POLICY AND URBAN REGENERATION**
*Keywords*: Social Innovation Regional Development; Social Impact; Social Value; Assets Regeneration.
*Chairs*: Luca Tricarico, Alessia Mangialardo

**TS11**
**INNOVATION ECOSYSTEMS**
*Keywords*: Urban Green Design; Sustainable Urban Design; Energy Design; Urban Renewal strategies; Climate Change Mitigation.
*Chair*: Chro Hama Radha

**TS12**
**VALUATIONS SUPPORT POST CARBON CITY AND GREEN BUILDING STRATEGIES**
*Keywords*: Post Carbon City; Post Carbon Building; Green Building Real Estate Market; Multi Dimensional Valuation; Urban Appraisal in Climate Change Mitigation.
*Chair*: Domenico Enrico Massimo

**TS14**
**INTEGRATED TECHNIQUES AND INNOVATIVE METHODOLOGIES OF GEOMATICS FOR LOCAL DEVELOPMENT’S INNOVATION DYNAMICS**
*Keywords*: UAV; GIS; GPS; 3D Model; Monitoring; Cultural Heritage.
*Chairs*: Vincenzo Barrile, Antonino Fotia

**TS15**
**DECISION SUPPORT METHODS FOR URBAN PLANNING POLICIES CONCERNING THE SAVING SOIL AND THE ENHANCEMENT OF PROPERTIES IN DISUSE**
*Keywords*: Public-Private Partnership; Enhancement; Real Estate Market; Saving Soil; Decision Support Models; Degraded Areas; Properties in Disuse.
*Chairs*: Francesco Tajani, Pierluigi Morano, Francesco Sica

**TS17**
**PARTNERSHIPS FOR THE FUTURE: PARTICIPATORY AND MULTIDISCIPLINARY POLICIES TO SUSTAINABLE URBAN GOVERNANCE**
*Keywords*: Sustainability; Public Awareness; Public Engagement; Impact Investing; Governance Capacity.
*Chairs*: Chiara D’Alpaos, Maria Stella Righettini, Paola Valbonesi

**TS18**
**BRIDGING THE GAP BETWEEN ECOSYSTEM SERVICES AND LANDSCAPE DESIGN. THE ROLE OF THE EVALUATION IN SUPPORTING THE DESIGN PROCESS.**
*Keywords*: Ecosystem Services; Landscape Design; Interdisciplinary Methodology; Tangible and Intangible Dimension; Urban and Peri-Urban Open Spaces.
*Chairs*: Antonio Longo, Marta Dell’Ovo, Stefano Corsi, Alessandra Oppio
Contributions come from the national and international scientific community on sustainability transitions towards transforming regional and urban sociotechnical systems within new policy agendas of sustainability and cohesion.

**INNOVATIVE AND SUSTAINABLE APPROACHES FOR THE ENHANCEMENT OF CULTURAL HERITAGE IN FRAGILE AREAS**
Keywords: Fragile; Enhancement; Cultural Heritage; Human Capital; Circular Economy.
Chairs: Alessandra Oppio, Annunziata Maria Oteri, Maria Cristina Giambruno, Francesca Torrieri

**CULTURAL HERITAGE MANAGEMENT STRATEGIES AND MODELS FOR INNER AREAS**
Keywords: Participatory Management Strategies; ICT; Cultural Tourism; Accessibility; Feasibility Study.
Chairs: Giuseppina Cassalia, Lucrezia Lopez

**METROPOLITAN CITIES: ECONOMIC-TERRITORIAL STRATEGIES, FINANCIAL CONSTRAINTS AND CIRCULAR REGENERATION**
Keywords: Italian Metropolitan Cities; Real Estate Development; Urban Regeneration.
Chairs: Roberto Camagni, Ezio Micelli

**CULTURAL HERITAGE, CLIMATE CHANGE, INTERCULTURAL DIALOGUE AND STRATEGIES FOR INTEGRATED CONSERVATION**
Keywords: Cultural Heritage; Integrated Conservation; Heritage Enhancement; Climate Change; Intercultural Dialogue.
Chair: Rosa Anna Genovese

**PLACE IN DISCOURSE (TOWARDS THE DEFINITION OF PLACE)**
Keywords: Spatial Cognition; Spatial Design Creativity; Democratic Design; Cultural and Social Sustainability; Urban Identity; Spatial Aesthetics.
Chair: Mohammed Ezzat

**RHEGION UNITED NATIONS 2020-2030**
Keywords: Territories and Cities; Material and Immaterial Heritage; Resilience and Transformations; Sustainable Development; UN Goals.
Chair: Stefano Aragona

**URBAN RESILIENCE**
Keywords: Resilience; Destructive Cities; Equilibrium; Sustainability; Learning Cities.
Chairs: Ibtisam Abdulelah Mohammed Al Khafaji, Shaymaa Fadhil alkubaisi

**SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES**
Keywords: Urban and Rural Landscapes; Spatial Data Infrastructures (SDIs); Spatial Analyses; Urban Modelling; Multifunctionality; Ecological Connectivity.
Chairs: Giuseppe Modica, Beniamino Murgante, Maurizio Pollino

**ECODESIGN AND GREEN BUILDING FOR SUSTAINABLE DEVELOPMENT GOALS**
Keywords: SDG; Ecodesign; LCA; Green Buildings.
Chairs: Maurizio Cellura, Marina Mistretta
NEW METROPOLITAN PERSPECTIVES 2020

PLENARY SPEAKERS

“We are proud to present the plenary speakers. From their different perspectives, they will all touch upon the symposium theme: Knowledge Dynamics and Innovation-driven Policies Towards Urban and Regional Transition.”

SANTO MARCELLO ZIMBONE
Rector
Mediterranea University of Reggio Calabria

TOMMASO MANFREDI
Director of the PAU Department
Mediterranea University of Reggio Calabria

CARMELINA BEVILACQUA
CLUDsLab Director
TREN D Project Coordinator
Mediterranea University of Reggio Calabria

FRANCESCO CALABRÒ
LaborEst - Scientific Head
Mediterranea University of Reggio Calabria

LUCIA DELLA SPINA
LaborEst - Scientific Head
Mediterranea University of Reggio Calabria

RON BOSCHMA
Professor in Regional Economics
Section Economic Geography, Faculty of Geosciences Utrecht University

SERGIO FABBRI
Professor of Politics and International Relations
and Dean of the Political Science Department
Luiss Guido Carli - Rome

STEFANO ARAGONA
Scientific Coordinator
Rhegion United Nations 2020-2030

VINCENT KITIO
Chief
Urban Energy Unit, UN-HABITAT

MARK PATRIDGE
Chief
Regional Science Association International - RSAI
The Opening Plenary Session will be held at the Web Community NMP2020, from 9.45 am to 1.00 pm.

OPENING EVENT / NMP2020 / Knowledge Dynamics and Innovation-driven Policies Towards Urban and Regional Transition

09.45 10.00 am Opening Web Platform

10.00 - 10.30 am Academic authorities’ messages and keynote Introduction
- Marcello Zimbone, Rector of the Università Mediterranea di Reggio Calabria
- Tommaso Manfredi, Dean of the Patrimonio, Architettura, Urbanistica – PAU Department
- Carmelina Bevilacqua, Francesco Calabrò, Lucia Della Spina, Scientific Coordinators of New Metropolitan Perspectives

10.30 - 11.15 am Keynote panel: Knowledge complexity, inclusiveness and sustainability towards a transition agenda for Cohesion Policy
- Ron Boschma, Professor in Regional Economics. Section Economic Geography, Faculty of Geosciences Utrecht University
- Sergio Fabbrini, Professor of Politics and International Relations and Dean of the Political Science Department at the Luiss Guido Carli in Rome and Visiting Professor at the Harvard Kennedy School of Government

11.15 - 11.45 am Panel Discussion

Breath

12.00 - 13.00 pm Starting Rhegion UN 2020 - 2030
- Francesco Carlo Morabito, Vice Rector Delegate for Internationalization and International Relations
- Stefano Aragona, Scientific Responsible for Rhegion UN 2020 - 2030

Keypnote panel: The great challenge of sustainability in a context that has become even more complex
- Vincent Kitio, Arch, PhD. | Chief, Urban Energy Unit | Urban Basic Services Branch | United Nations Human Settlements Programme, UN-Habitat, Nairobi, Kenya
- Mark Patridge, Ph.D., Chief Regional Science Association International - RSAI, Swank Chair in Rural-Urban Policy/Prof., AED Economics, The Ohio State University, Adjunct - Professor, School of Economics, Jinan Univ. Guangzhou, China, Social Sciences Dept, Gran Sasso Science Institute, L’Aquila, Italy, Coordinating Editor Springer Briefs in Regional Science
Tuesday 26th May - Room 1
2.30 - 4.30 / 5.00 - 7.00 pm

1. Agritourism, Farm Income Differentiation, and Rural Development: the Case of the Region of Montiferru (Italy)
Brunella Arru, Roberto Furesi, Fabio A. Madau, Pietro Pulina

2. Disposal of Bergamot by-Products by Animal Productions
Manuel Scerra, Rosa Rao, Francesco Foi, Pasquale Caparra, Caterina Cilfone, Luigi Chies

3. Does the Establishment of a ‘Forest Therapy Station’ in a Low-Mountain Mixed Hardwood Forest Make Sense?
Maurizio Drol, Gabriele Gervasio Radiva, Luca Iseppi

Rui Alexandre Castanho, José Manuel Naranjo Gómez, José Cabezas, Luis Loures, José Martin Gallardo, Jacinto Garrido Velarde

5. Innovations and Consumer Preferences: Effects of Feeding and Mechanical Milking on the Quality of Traditional Dairy Production in Internal Areas
Valentina Rosa Laganà, Agata Nicolosi, Lorenzo Maria Massimo Abenavoli, Domenico Caruso, Bruno Salinirri, Francesco Foi

6. Sustainable Attitudes of Local People on the Purchase of Local Food. An Empirical Investigation on Italian Products
Agata Nicolosi, Lorenzo Cortese, Mariangela Petullà, Valentina Rosa Laganà, Donatella Di Gregorio, Donatella Privitera

7. Sustainable development in the Alps: the Mountaineering Villages Initiative
Ivana Bassi, Matteo Carzedda, Luca Iseppi, Federico Nassivera

8. The Città Metropolitana as an Opportunity to Promote Integrated Development between Central and Marginal Areas: The Case of Reggio Calabria
Maria Teresa Lombardo, Giuseppe Fera

9. Transhumance Routes in the Perspective of Tourist Use: Case Studies in Calabria, Italy
Donatella Maria Grazia Di Gregorio, Venera Fasone, Alfonso Picone Chio, Donatella Privitera, Vincenzo Romeo, Agata Nicolosi

10. Urban Food Security and Strategic Planning: Involving Millennials in Urban Agriculture
Matteo Carzedda, Federico Nassivera, Francesco Marangon, Stefania Troiano, Luca Iseppi, Ivana Bassi

RESEARCHER. Her research includes the economy of production in quality wine and typical food products sectors. Other research of hers concerns the economic analysis of marginal agricultural areas and that of sectors of the forest-wood supply chain and the economic evaluation of the rural landscape.

ASSOCIATE PROFESSOR. PhD in Economics and Agricultural Policy. Research and publication interests include: rural development; sustainable rural tourism ethical and sustainable agricultural production. She participated in the CASTROCERT Research Project-Gastronomy and Creative Entrepreneurship in Rural Tourism. PRIN 2017 “Driving the Italian Agri-Food System into a Circular Economy Model”.

FULL PROFESSOR. At present, she is teaching economic geography and implications with tourism and regional development. Research and publication interests include tourism geography, sustainable cities; green economy; transport geography.
Tuesday 26th May - Room 2
2.30 - 4.30 / 5.00 - 7.00 pm

1. Cities Towards ... Sustainability. The Critical Issues, the Challenges, the Lines of Action
Francesco Alessandria

2. Health and Urban Planning
Antonio Taccone

Natalina Carrà

4. Health-Oriented Urban Planning for a Renewed Implicit Alliance
Alessandra Barren, Gabriella Pultrone

5. How to Assess Walkability as a Measure of Pedestrian Use: First Step of a Multi-methodological Approach
Francesca Abastante, Marika Gaballo

6. Integral Medicine for Wellness Cities
Carmelo Antonio Caserta

7. Investigating Relationship between Built Environment and Health
Elvira Stagno

8. Local Actions to Tackle Physical, Relational and Sociocultural Isolation of an Internal Area in the Metropolitan City of Reggio Calabria in Italy
Chiara Corazza, Marco Mareggi

Cristiana Mattioli

10. Social Network as Tool for the Evaluation of Sustainable Urban Mobility in Catania (Italy)
Giovanna Acampa, Giorgia Marino, Giorgia Parisi

11. The City of Well-being. The Social responsibility of Urban Planning
Concetta Fallanca

12. Tirana Adaptive City. “Creativity and Spontaneity” in Active-Streets and Living Super-Blocks
Fabio Naselli, Eva Jazaj

13. Towards Healthy Cities – Three Key Issues
Massimo Zupi, Pierfrancesco Celani
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### Massimiliano Bencardino - TS03 Chair
**University of Salerno – Dept. of Political and Communication Sciences**

Associate Professor in Economic-political Geography at the University of Salerno. Enabled to the functions of a Full Professor, with competition organized by DD Ministry of Education n.52/2016. Professor of “Geopolitics” for the 3rd level Degree course in Political Science and International Relations, and of “Territorial organization and spatial planning” and “Territorial marketing and local development” for the second-level Degree course in Territorial Politics and International Cooperation. PhD at Environmental and Geological Sciences Department of University of Salerno, Doctorate in Studies of Sociology and Laboratory of Sciences of the Territory of the Università Cattolica del Sacro Cuore, expanding his work in the areas of national and international collaborations (e.g. Gran Sasso Science Institute, GSSI, School of Advanced Studies, Social Sciences Division; School of Economics, Shanghai University SHU-SOE; ENEA Research Center). Honorary Member of Ce.S.E.D. (Milan), he achieves an acknowledgment for International Workshops, he is the author of more than 70 articles, printed books and proceedings.

### Antonio Nesticò - TS03 Chair
**University of Salerno - Dept. of Civil Engineering**

PhD, is Researcher of Appraisal in the Department of Civil Engineering, DICV and Head of the Economic Evaluation Division of the Project Evaluation Laboratory, PEL, at the University of Salerno. Graduated with honours in Civil Engineering at the University of Naples “Federico II”. He is the Head of the Didactic Board of Political Science, the scientific and ethical disciplinary sector ICAR 22 - Appraisal. Member of the Academic Platform of the Parliamentary Assembly of the Mediterranean, member of the Scientific Committee of the Ph.D in “Risk and sustainability in civil engineering and environmental engineering systems”, he participates in research group activities with national and international collaborations (e.g. Gran Sasso Science Institute, GSSI, School of Advanced Studies, Social Sciences Division; School of Economics, Shanghai University SHU-SOE; ENEA Research Center). Honorary Member of Ce.S.E.D. (Milan), he achieves an acknowledgment of ANCE (Salerno) for the value of the scientific and didactic activity carried out within the initiatives related to the “Antonio Genovese National Prize”, in the academic research on the economic evaluation of investment projects. Member of the editorial board of the journal Valori e Valutazioni and referee for national and international journals, he is author of over 80 publications and has presented papers at numerous international workshops and conferences.

### Gabriella Maselli - TS03 Chair
**University of Salerno - Dept. of Civil Engineering**

Graduated with honours in Building Engineering from the University of Salerno with a thesis on econometric models for the estimation of the social discount rate in the cost-benefit analysis. She is a PhD student in Economic Evaluation of Projects at the Department of Civil Engineering of the University of Salerno, Doctorate Course in “Risk and Sustainability in Civil Building and Environmental Engineering” (XXXIII cycle). At the School of Economics of the University of Salerno, she carried out research on decision-making methods, cash flow analysis, economic sustainability of tourism investments, risk assessment, highest and best use for historical buildings, intergenerational discounting.

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<td><strong>Carlotta Quagliolo, Vanessa Assumma, Marta Bottero, Giulia Datala, Alessandro Pezzoli</strong></td>
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<th>5.</th>
<th>Development of a Land Take Evaluation for a Recreational Park in Northern Italy</th>
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<td><strong>Vanessa Assumma, Marta Bottero, Giulio Mondini, Elisa Zanetta</strong></td>
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<th>6.</th>
<th>Environmental Health Valuation through Real Estate Prices</th>
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<td><strong>Manuela De Ruggiero, Francesca Salvo, Pierluigi Morano, Francesco Tajani</strong></td>
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<th>7.</th>
<th>Exploratory Data Analysis on Private Crimes Related to Illegal Land Take in Italy</th>
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<td><strong>Massimiliano Bencardino, Luigi Valanzano</strong></td>
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<td><strong>Luigi Dolores, Maria Macchiarioli, Gianluigi De Mare</strong></td>
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<th>9.</th>
<th>Firms’ Crimes and Land Use in Italy. An Exploratory Data Analysis</th>
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<td><strong>Gaetano Alfano, Roberta Troisi</strong></td>
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<td><strong>Francesca Salvo, Daniela Tavano, Manuela De Ruggiero</strong></td>
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<th>11.</th>
<th>Historical-architectural Components in the Projects Multicriteria Analysis for the Valorization of Small Towns</th>
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<td><strong>Emmanuela D’Andria, Pierfrancesco Fiore, Antonio Nesticò</strong></td>
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<th>12.</th>
<th>Innovation Systems in the Fourth Industrial Revolution: the Territorial Challenge of the Campania Region</th>
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<td><strong>Monica Maglio</strong></td>
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<th>Irrigated Arable Land Values and Socio-economic Characteristics of the Territory</th>
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<td><strong>Antonio Nesticò, Massimiliano Bencardino, Vincenzo Di Fraia</strong></td>
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<th>14.</th>
<th>Real Estate Values and Ecosystem Services: Correlation Levels</th>
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<td><strong>Antonio Nesticò, Theodore Endrey, Francesco Sica</strong></td>
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<th>15.</th>
<th>Sustainable Planning: the Carrying Capacity Approach</th>
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<td><strong>Alessandro Sgobbo</strong></td>
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<th>16.</th>
<th>The Role of Igers in the Territorial Dynamics of Sustainable Tourism-oriented Destinations</th>
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<td><strong>Pierluigi Vitale, Maria Palazzo, Agostino Vollarro, Alfonso Siano, Pantea Foroudi</strong></td>
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<th>17.</th>
<th>The UNESCO Creative Cities Network: A Case Study of City Branding</th>
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<td><strong>Wilhelm Shoglund, Constanze Gather, Daniel Laven</strong></td>
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<th>18.</th>
<th>Tolerability and Acceptability of the Risk for Projects in the Civil Sector</th>
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<td><strong>Gabriella Maselli, Maria Macchiarioli</strong></td>
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</table>
Carmelina Bevilacqua, Yapeng Ou, Pasquale Pizzimenti, Giada Anversa

2. Identifying Localized Entrepreneurial Projects through Semantic Social Network Analysis
Maria Patrizia Vittoria, Pasquale Napolitano

Athanasios Kalogeris

4. Smart Specialisation 2.0: Driving Public Funds towards Platforms and Ecosystems
Christina Kahlderi, Nicos Komninos, Anastasia Panori, Artemis Psaltoglou

5. Smart Specialisation Priorities of Less Developed Regions. A Critical Evaluation
Petra Szavics, Jozsef Benedek

6. Smart Specialisation Strategy (S3) and Social Network Analysis (SNA): Mapping Capabilities in Calabria
Arnault Morisson, Carmelina Bevilacqua, Mathieu Doussineau

7. Sustainable Development and Transition Management: A New Approach for European Peripheral Areas
Vincenzo Provenzano, Maria Rosaria Seminara, Massimo Amone

8. Territorial Gap and Territorial Distribution of Public Investments in Italy
Guido Signorino, Massimo Amone

Carmelina Bevilacqua - TS04-T1 Chair Mediterranea University of Reggio Calabria
ASSISTANT PROFESSOR of Urban Planning. Her research concerns the effects of development policies, at national and European level, on the transformations of cities and regions. 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 act in a complementary way for supporting knowledge dynamics towards the regeneration of the local economy.

Pierre Alexandre Balland - TS04-T1 Chair Utrecht University
ASSISTANT PROFESSOR of Economic Geography and research fellow at the Center for Complex Systems Studies. He previously held positions at MIT, UCLA, and Lund University. He is an economist by training, and he tries to understand why some parts of the world are rich, other poor, and what it can be done about it. On a more applied side, he works with policymakers and companies to solve real-world problems using network analysis and complex systems thinking.

Christina Kahlderi - TS04-T1 Chair Aristotle University of Thessaloniki
ASSISTANT PROFESSOR of Spatial Development and RTDI Policies in the EU. She is also actively engaged in research for the past thirteen years, as a member of Urban and Regional Innovation Research Unit - URENIO and, previously, of Spatial Development Research Unit. She has been involved in EU and national funded projects related to spatial development and innovation ecosystems. Her research interests focus on systems of innovation and smart innovation environments (national and regional innovation systems, technology policy, innovation networks, intelligent cities/districts).

Vincenzo Provenzano - TS04-T1 Chair University of Palermo
ASSOCIATE PROFESSOR Professor of Applied Economics, he teaches Regional Economics and Nonprofit Economics at the University of Palermo. He conducts analysis and research activities in the field of real and financial aspects of regional development.
The Rhegion Event will be held at the Teams Room 4, Tuesday 26th May from 2.30 to 7.30 pm.

RHEGION UNITED NATIONS 2020-2030 // WEB COMMUNITY - NMP2020 (by Teams) - Room 4

2.30 - 4.00 pm Testimonials
Chair: Federico M. Butera, prof. Emeritus, Polytechnic of Milan

Costa Rica’s Sustainable Development Model and the National Decarbonization Plan
Giannina Valverde Stark, Minister General Consul, Costa Rican Embassy

How Chinese cities are improving urban ecology
Wang Xin, Doctor, Vice Dean, Associate Professor - TONGJI Institute of Environment for Sustainable Development, (IESD), MOE Joint Lab for International Cooperation on Eco-Urban Design, College of Architecture and Urban Planning, Tongji University, Shanghai

Territorial development and circular economy: the preservation of local resources
André Torre, professor at UMR SAD-APT Agro Paristech, President of the European Regional Science Association - ERSA

4.00 - 4.30 pm Celebration of the entry of the Mediterranean into the Italian University Network for Sustainable Development - RUS
Introduction - Stefano Aragona, Delegate of the Mediterranean University for RUS
Santo Marcello Zimbone, Rector of the Mediterranean University of Reggio Calabria
Patricia Lombardi, Prorector of the Polytechnic of Turin, Coordinator of the Italia University Network for Sustainable Development
Sandra Savaglio, Councilor for Education, University, Scientific Research and Innovation of the Calabria Region

4.30 - 4.45 pm Break

4.45 - 7.30 pm ROUND TABLE (ITA)
Ronald Flores Vega, Ambassador of Costa Rica
Mariangela Cama, Alderman for Urbanism, Private Building, Maritime Property and Urban Planning, Reggio Calabria

1. Territories and cities - territorialism and sustainability
Marco Bussone, Chief of the National Union of Municipalities, Communities, and Mountain Bodies - UNCEM
Alberto Ziparo, Society of Territorialists - SdT
Maurizio Tira, Chief of the Italian Society of Townplanners - SIU, Rector of the University of Brescia

2. Redevelopment and reuse of the existing on territorial and urban scale
Andrea Arcidiacono, Vice Chief of the National Institute of Townplanning - INU
Alessandro Maruta, delegate Energy - Environment of the National Council of Architects, Planners, Landscapers, Conservationists - CNAPPC
Armando Zambrano, Chief of the National Council of Engineers - CNI
Concetta Fallanca, prof. of Townplanning, Department Patrimonio Architettura, Urbanistica - PAU

3. Territory and best practices
Samuele Furfaro, Macingo s.r.l., Azienda ass. Confindustria Reggio Calabria
Carmelo Basile, Azienda ass. Confindustria Reggio Calabria
Arianna Liconti, Marine Ecologist, Project Manager of Worldrise Onlus
Gianni Bottalico, Delegate for relations with the Regions and local authorities of The Italian Alliance for Sustainable Development - ASviS

4. Public space and spatial and social sustainability
Riccardo Petrachi, Chief of Public Space Biennal
Andrea Poggio, National Secretariat of Legambiente
Emanuela Barbora, delegate of the Director of the National Archaeological Museum of Reggio Calabria
Francesca Fatta, Coordinator of the International PhD in Architecture
Marialaura Mininni, delegate of Rector of the University of Basilicata

Closing Notes
Roberto Morassut, State Secretary of the Ministry of the Environment and Protection of the Territory and the Sea - MATTM

*The event will be broadcast on national and international sites: RSAI website, ISOCARP, INU, Urbanpromo - Urbit, CN APPC, AISRe, Planum - The Journal of Urbanism, BiSP, RUS, it will also be present on the SIU Letter News and that of the SdT.
1. Cultural and Touristic Valorization Processes: Towards a Collaborative Governance for Development in Southern Italy
Gaia Daldanise, Eleonora Giovine di Girasole, Simona Stella, Massimo Clemente

2. Exploring Territorial Imbalances: a Systematic Literature Review of Meanings and Terms
Stefania Oppido, Stefania Ragozino, Gabriella Esposito De Vita

3. From Enabling People to Enabling Institutions. A National Policy Suggestion for Inner Areas Coming from an Action-research Experience
Laura Saija, Giusy Pappalardo

4. Inter_net Areas. A Culture-led Strategy of Widespread Projects for Montagna Materana (Italy)
Maria Cerreta, Angela D’Agostino, Giovangiuseppe Vannelli, Piero Zizzania

5. Italian Inner Peripheral Areas: Earthquakes and Collaborative Experiences of Heritage Recovery
Katia Fabbricatti, Raffaele Amore

6. Italy Testing the Place-based Approach: River Agreements and National Strategy for Inner Areas
Elisabetta Vitale Brovarone, Giancarlo Cotella, Angioletta Voghera

7. Land Consumption versus Urban Regeneration
Maria Salvatore Losco, Claudia de Biase

8. Managing Logistics and Supply Chain in Rural Areas: a Systematic Analysis of the Literature and Future Directions
Pietro Evangelista, Bettina Williger, Girma Gebresenbet, Serena Micheletti

9. Middle Lands in Friuli Venezia Giulia. Research by Design and Towards Action
Elena Marchigiani

10. Romanian Mountains as Part of European’s Cultural Heritage
Daniela Antonescu

11. The „Economy of Beauty and Culture”. Routes for the Integrated Sustainable Enhancement of the Internal Areas of Alta Irpinia
Rosa Maria Giusto

12. Which Agenda for the Italian Suburbs? Debating a Marginal Condition in Few Step
Lorenzo De Vidovich

Wednesday 27th May - Room 3
9.00 - 11.00 am / 11.30 am - 1.30 pm
Wednesday 27th May - Room 3
2.30 - 4.30 pm

1. A Structured Literature Review of Immigrant Entrepreneurship. Insights from Italy
Valbona Dudi, Mara Del Baldo, Maria Gabriella Baldarelli

2. Collective and Commercial Catering Services of the Ho.re.ca Channel: a Case Study in Calabria (Italy)
Giuseppe Filippone, Valentina Rosa Laganà, Donatella Di Gregorio, Agata Nicolosi

3. From Technology Systems to Human Infrastructure Strategies. An Exploratory Analysis of an Italian Two-case Study on Recovery after Eco-disasters
Paolo Esposito, Alessandra Ricciardelli

4. Italian Innovative Start-up Cohorts: an Empirical Survey on Profitability
Guido Migliaccio, Pietro Pavone

Carlo Vermiglio, Hiroko Kudo, Vincenzo Zarone

6. Toward Nature-Based Solutions (NBS) Approach in Integrated Segment Reporting of Placed-based Organizations
Nicolò Domenico, Baldarelli Maria Gabriella

Carmelina Bevilacqua - TS04-T3 Chair
Mediterranea University of Reggio Calabria
ASSISTANT PROFESSOR of Urban Planning.
Her research concerns the effects of development policies, at national and European level, on the transformations of cities and regions. 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 act in a complementary way for supporting knowledge dynamics towards the regeneration of the local economy.

Domenico Nicolò - TS04-T3 Chair
Mediterranea University of Reggio Calabria – DIGIES
FULL PROFESSOR of Economia Aziendale (eq. to Business Economics) and scientific coordinator of the ReTMES Research Lab on Entrepreneurship and new venture creation in Mediterranean Area, University Mediterranea of Reggio Calabria, Italy.
Claudio Marcianò - TS04-T4 Chair
Mediterranea University of Reggio Calabria –
Agraria Department
MSc, PhD, ASSOCIATE PROFESSOR of Agricultural
Economics at the Agraria Department of the
Mediterranea University of Reggio Calabria, Italy.
He conducts mainly action research focused on
local governance and integrated development,
using mixed methodologies and decision support
systems.

Wednesday 27th May - Room 3
5.00 - 7.00 pm

1. Development of Quantitative Models Supporting Responsible
   Public Investment Decisions for Tourism Sustainability
   Aurora Skrame, Roberto Musmanno, Vincenzo Corvello, Claudio Ciancio

2. Evaluating the Priorities of the Calabria’s Coast FLAGs for the
   Improvement of the Quality of Life of the Fisheries Communities
   Claudio Marcianò, Alba Di Staso, Giuseppa Romeo

3. Local Seafood Products: Consumers and Territory for a Rural
   Development Strategy in the South of Italy
   Agata Nicolosi, Lorenzo Cortese, Mariangela Petullà,
   Valentina Rosa Laganà, Donatella Di Gregorio, Claudio Marcianò

4. Socio-economic Impacts of the Common Fisheries Policy on South
   and Central Tyrrenian Sea (GSA 10) Demersal Trawl Fisheries
   Rosaria Felicita Sabatella, Paolo P. Accadia, Maria Cozzolino,
   Monica Gambino, Loretta Malvarosa, Evelina Carmen Sabatella

5. Territorial Cooperation for Sustainable Development in the
   Framework of Fisheries Local Action Groups. The Case of Galicia
   (Spain)
   Jesús Felicidades García, María Ángeles Piñeiro Antelo

6. The “Blue Vision” of Ionian Coastal Rural Area
   Maria Assunta D'Oronzio, Mariacarmela Suanna, Gianluca Gariuolo,
   Gabriella Ricciardi
Wednesday 27th May - Room 2
2.30 - 4.30 pm

1. The Economic Feasibility for Valorization of Cultural Heritage. The Restoration Project of the Reformed Fathers’ Convent in Francavilla Angitola: The Zibìb Territorial Wine Cellar
Immacolata Lorè, Francesco Calabrò, Giuseppina Cassalia

2. Developing Small Agro-energy Districts in Southern Italy: An Economic Assessment of a Plant Producing Electrical and Thermic Energy from Wood Biomass
Claudio Marcianò, Paolo Careri, Vincenzo Crea, Giuseppa Romeo

3. Environmental Sustainability and Energy Transition: Guiding Principles of The New Models of Urban Governance in Pamplona (Spain)
María José Piñeira Mantiñán, Ramón López Rodríguez

4. Multiple Impacts of Energy Communities: Conceptualization Taxonomy and Assessment Examples
Adriano Bisello, Maksym Koltunov

5. Strategic Planning and Decision Making; a Case Study for the Integrated Management of Cultural Heritage Assets in Southern Italy
Lucia Della Spina

Adriano Bisello - TS05 Chair
EURAC – Bolzano
Adriano Bisello is Urban Planner and Ph.D. in Real Estate Economics. He is senior researcher in the Urban and Regional Energy Systems group at Eurac Research in Bolzano (Italy). Adriano’s activities range from local to European-funded projects in the field of smart cities and energy transition, with a focus on multiple-benefit and energy communities. Actually, he is project manager of the EU smart city project STARFISH in the “Lighthouse city” of Trento. Since 2015, Adriano has managed the international conferences on “Smart and Sustainable Planning for Cities and Regions”—SSPCR—held by Eurac Research (http://www.sspcr.eurac.edu/)

Giuliano Marella - TS05 Chair
University of Padova
Associate Professor of Real Estate Economics at the Civil, Architectural and Environmental Engineering Department of the University of Padova. He also teaches at the Master „Plani cazione, progetto, costruzione e gestione di infrastrutture aeroportuali”, University of Padova. In 2018 he obtained the National Scientific Qualification as Full Professor in Real Estate Economics (SSD 08-A3-ICAR/22). Since 2004, he is a member of the Ph.D. program in Management Engineering and Real Estate Economics. He took part in several research programs, also as Principal Investigator. His research interests are the assessment of environmental assets, the economic feasibility of urban renewal, and the role of urban form and socio-economic features on the development of the housing market in Italy. He is co-director of the Journal Galileo and he is a reviewer for peer-reviewed international Journals. Over time, the results of his research have been presented in a diverse International Conference.

Valentina Antoniucci - TS05 Chair
University of Padova
Ph.D. in Management Engineering and Real Estate Economics. She is a postdoctoral fellow at the Department of Civil, Environmental and Architectural Engineering of the University of Padova (Italy). In 2018 she obtained the National Scientific Qualification as Associate Professor in Real Estate Economics (SSD A3-08 - ICAR/22). Her research in the last years is focused on the relevance of energy efficiency in the housing market trend in Italy, and the role of energy communities and distributed generation of energy in the real estate market. She also working on the risk assessment in public works. She is the co-author of several articles about the role of urban form, urban density, and urban socio-economic features on the development of the housing market in Italy. Over time, the results of her research have been presented in a diverse International Conference. She is the Assistant of the Editorial Manager of Scienze Regionali. Italian Journal of Regional Science. She is also a reviewer for peer-reviewed international Journals.
NEW METROPOLITAN PERSPECTIVES 2020
THEMATIC SESSIONS - TS

TS06
SHAPE, RULES AND VALUES. NEW EVALUATIONS METHODS FOR URBAN REGENERATION

Isabella Lami - TS06 Chair
Politecnico di Torino – DIST

ASSOCIATE PROFESSOR of Urban Planning Evaluation and Project Appraisal at Interuniversity Department of Regional and Urban Studies and Planning of Politecnico and Università di Torino (DIST). She has a wide expertise in evaluating Multicriteria Decision Analysis (MCDA) and spatial decision processes within the context of urban and territorial transformations. She is going and also in managing international participatory processes. She is involved in several National, European and International Research Projects on this topic.

Stefano Moroni - TS06 Chair
Milan Polytechnic University


Wednesday 27th May - Room 4
9.00 - 11.00 am

1. A New Lombardy Region Law: Regeneration Toward (almost) Free Planning
Roberto De Lotto, Caterina Pietra, Elisabetta Maria Venco

Anita De Franco

3. Integrated Strategies for Sustainable Urban Renewal in Hot and Dry Climate
Chro Ali Hamaradha, Sara Elhadad, István Kistelegdi

4. Intensity. Revealing the Potential of Spaces
Lucia Baima, Matteo Robiglio

5. Performance Indicators Framework to Analyse Factors Influencing the Success of Six Urban Cultural Regeneration Cases
Beatrice Mecca, Isabella Lami, Francesca Abastante

Beatrice Maria Bellè
Wednesday 27th May - Room 6
11.30 am - 1.30 pm

1. A Proposed Model to the Flight Safety
Michele Buonsanti

2. Environmental Impact of Maintenance Operations: the Comparison between Traditional and Geogrid-reinforced Roads
Giovanni Leonardi, Rocco Palamara, Federica Suraci

3. Exploiting 3D Modelling and Life Cycle Assessment to Improve the Sustainability of Pavement Management
Konstantinos Mantalovas, Gaetano Di Mino, Laura Inzerillo, Ronald Roberts

4. Measuring the Sustainability of Transportation Infrastructures through Comparative Life Cycle and Energy Assessment
Marinella Giunta, Filippo Giammaria Praticò, Marina Mistretta, Teresa Maria Gulotta

5. Operating and Integration of Services in Local Public Transport
Giovanni Leonardi, Francis Cirianni, Domenico Iannò

6. Proactive Maintenance Strategy Based on Resilience Empowerment for Complex Buildings
Francesco Rota, Cinzia Talamo, Giancarlo Paganin

7. Smart Road Infrastructures through Vibro-acoustic Signature Analyses
Rosario Fedele
Thursday 28th May - Room 1
11.30 am - 1.30 pm

1. A Comprehensive Conceptualization of Urban Constructs
Mohammed Mustafa Ezzat

2. Conceptual Drawings as Explorative Tools: Tracing the Evolution of the Extended and Nuclear Family Houses in Kuwait
Beniamino Polimeni, AlMulla Mohammed

3. Form, Structure and Identity of Places in the Reconstruction of the City. Aleppo and Mosul: A comparison of two cases
Flavio Menici, Domenico Chizzoniti, Tommaso Lolli

Federica Bonerba, Alberto Di Buono, Stefano Leonardi, Immacolata Lorè, Raffaele Piatti

5. Marcet Sine Adversio Virtues
Christer Bengs

6. Nighttime City Mobility. Contributions from a Literary Urban Space
Lucrezia Lopez, Antonietta Ivona

7. The Valuation of Unused Public Buildings in Support of Policies for Inner Areas. The Application of SostEc Model in a Case Study in Condofuri (Reggio Calabria, Italy)
Tiziana Meduri, Francesco Calabrò, Federica Mafrici

8. Urban Art as a Popular Expression in the Historic Centre of Mexico City
Fernando Luis Zapata

Beniamino Polimeni - TS08 Chair
Leicester School of Architecture at De Montfort University
Beniamino Polimeni received his PhD from the Italian National Doctorate School in Representation and Survey Sciences' and was a postdoctoral fellow in the Aga Khan Program for Islamic architecture at M.I.T. He is currently a lecturer and the Programme Leader of the Master in Architectural Design at the Leicester School of Architecture.

Mohammed Ezzat - TS24 Chair
German University in Cairo
Ph.D. candidate MSc. Architect Mohammed Ezzat. He is the owner of ME architects (www.me-archs.com) and an academic instructor at the German University in Cairo. He is interested in subjects such as urban identity, universal urbanism, design creativity, and computational augmentation in urban creative design.
Wednesday 27th May - Room 2
5.00 - 7.00 pm

1. A Methodological Framework for the Economic Assessment of ICT-tools for Occupants’ Engagement
Giulia Vergerio, Cristina Becchio, Marta Carla Bottero, Stefano Paolo Corgnati

2. Built Environment and Alzheimer. Quality Evaluation of Territorial Structures for Patients with Dementia
Andrea Brambilla, Roberto Maino, Silvia Mangili, Stefano Capolongo

3. Energy Audit and Multi-Criteria Decision Analysis to Identify Sustainable Strategies in the University Campuses: Application to Politecnico di Torino
Federico Dell’Anna, Cristina Becchio, Marta Carla Bottero, Stefano Paolo Corgnati, Giulia Vergerio

4. Environmental Performances in Green Labels for Hotels – A Critical Review
Giulia Crespi, Cristina Becchio, Tiziana Buso, Stefano Paolo Corgnati

5. Evaluating AVMs Performance. Beyond the Accuracy
Agostino Valier

6. Feasibility Analysis of a Multi-family House Energy Community in Italy
Ilaria Abbà, Francesco Demetrio Minuto, Andrea Lanzini

7. Improving the Energy Efficiency in Historic Building Stochs: Assessment of a Restoration Compatibility Score
Laura Gabrielli, Aurora Greta Ruggeri, Massimiliano Scarpac

8. Reaching Sustainability in Healthcare: Strategies for a Healthy Indoor Air Quality in Healing Environments
Marco Gola, Gaetano Settimo, Stefano Capolongo

Madalena Buffoli, Andrea Rebecchi, Marta Dell’Ovo, Alessandra Oppio, Stefano Capolongo

Raul Berto - TS09 Chair
University of Trieste – Dept. of Engineering and Architecture
PhD at University of Trieste. In 2017, he started his research fellow at University of Trieste. Since 2012, he conducts research about green building, in particular the valuation of bene ts deriving from the installation of green roof on existing building. Currently, he is part of a research group that deals with performance and economic assessments aimed at modernizing health facilities.

Federico Dell’Anna - TS09 Chair
Politecnico di Torino – DIST
RESEARCH FELLOW at the Interuniversity Department of Regional Urban Studies and Planning at the Politecnico di Torino. He received his Bachelor in Architecture Science and Master’s in Architecture Construction City from the Politecnico di Torino, Italy. He is interested in integrated evaluation of urban and territorial requalification operations, with specific reference to the estimation of co-bene ts achieved by energy improvement according to Net Zero Energy District and Post Carbon City targets aimed at modernizing health facilities.

Marta Dell’Ovo - TS09 Chair
Politecnico di Milano – DABC
RESEARCH FELLOW at the department of Architecture, Built environment and Construction engineering at Politecnico di Milano. She held her PhD in 2017 and her research activities concern the evaluation of plans, projects and resources under the economic, environmental and social dimensions guided by multidisciplinary approaches.

Alessia Mangialardo - TS09 Chair
IUAV University of Venice – Department of Architecture and Art
RESEARCH FELLOW at the department of RESEARCH FELLOW at the IUAV University of Venice. Her research activity is linked to the economic-financial evaluation of plans and projects and of public/private partnership instruments sector. She is also a freelance architect and for years has been involved in real estate appraisals, feasibility studies and competitions of ideas in the eld of architectural design.
Wednesday 27th May - Room 2
9.00 - 11.00 am

1. A new Generation of 'Urban Centers': 'Intermediate Places' in Boston and Bologna
Martina Massari, Bruno Monardo
2. Are Bottom-up Enhancement processes just a Temporary Trend? Empirical Evidence in Italy
Alessia Mangialardo, Ezio Micelli
Federica Fulghesu, Luca Tricarico, Andrea Billi, Chiara Missikoff
Irene Rubino, Cristina Coscia
Giulia Alonzo
Mara Ladu, Silvia Bernardini
7. Situating Social Innovation in Territorial Development: a Reflection from the Italian Context
Luca Tricarico, Lorenzo De Vidovich, Andrea Billi
8. Social and Sustainability Inclusion: the Case Study of MAAM in Rome
Irene Litardi, Lavinia Pastore
Federica Scaffidi

Luca Tricarico - TS10 Chair
Luiss Guido – Carli Department of Business & Management
RESEARCHER at the Department of Business and Management, Luiss Guido Carli University, holding a post-doc on Social Innovation Based Entrepreneurial Models and Regional Development. Luca holds a PhD in Urban Planning, Design and Policy at Politecnico di Milano.

Alessia Mangialardo - TS10 Chair
University IUAV of Venice
RESEARCHER at the IUAV University of Venice, Her research activity is linked to the enhancement of public real estate assets through social innovation projects. She is also a freelance architect and for years has been involved in real estate appraisals, feasibility studies and competitions of ideas in the field of architectural design.
Thursday 28th May - Room 1
9.00 - 11.00 am

1. Improving Risk Knowledge for Planning Purposes: Critical Issues and Hints for Enhancement
   Adriana Galderisi, Giada Limongi

   Gabriella Pultrone

3. Smart Technologies for the Environmental Design of Smaller Urban Centres
   Elvira Nicolini, Marina Sinatra

4. Methods and Techniques for Sustainable Urban Living: between Seismic Vulnerability and Urban Sustainability
   Alberto De Capua, Valentina Palco, Lidia Errante

5. The Impact of Smart Technology to Improve Urban Resilience for Disaster Risk Reduction
   Ibtisam Abdul Elah Mohammed Al Khafaji

Chro Hama Radha - TS11 Chair
Sulaimani Polytechnic University – Technical College of Engineering/ City Planning Department
Dr. Chro Hama Radha is a lecturer at the Sulaimani Polytechnic University in Iraq since 2011. - Academic coordinator of postgraduate studies at the Technical College of Engineering. - Member of the Scientific Committee in the City Planning Department. - Head of an NGO organization. - Designer and supervisor of the hospital and health center projects for 9 years at the Ministry of Health.

Ibtisam Abdul Elah Mohammed Al Khafaji - TS26 Chair
Al Israa University College – Department of Architecture
Ph.D. in Spatial planning. Her experience includes 24 years of creative work as scientific researcher inside and outside Iraq. Her interests embrace encouraging cooperation between individuals and centers of scholarships; promoting scientific research on major challenges faced by developing countries.

Shaymaa Fadhil alkubaisi - TS26 Chair
Koya University, Faculty of Engineering – Architectural Engineering Department
PhD. Degree in Technology in architectural engineering, specialized in urban design. She has 22 years of creative work as scientific researcher and a designer inside Iraq, and teaching in many universities like: University of Technology in Baghdad/Koya University in Erbil, Tishrh International University, Chihan University in Erbil. Encourage cooperation between individuals and international scientific centers.
Thursday 28th May - Room 3  
9.00 - 11.00 am / 11.30 am - 1.30 pm

1. Analysis of the Relationship between Bioclimatology and Sustainable Development  
Ana Cano-Ortiz, José Carlos Piñar Fuentes, Ricardo José Quinto Canas, Carlos José Pinto Gomes, Eusebio Cano

2. Cork Oak Forest Spatial Valuation toward Post Carbon City by CO2 Sequestration  
Alessandro Malerba, Giovanni Spampinato, Francesco Calabrò, Carlo Bernardo, Carmelo Musarella

3. Cork Oak Vegetation Series of Southwest of the Iberian Peninsula: Diversity and Ecosystem services  
Ricardo Quinto-Canas, Ana Cano-Ortiz, Mauro Raposo, José Carlos Piñar Fuentes, Eusebio Cano, Neuz Barbosa, Carlos José Pinto Gomes

4. Digitalization of a Sustainable Bamboo Structure Using Aerial Photogrammetry  
Vincenzo Barrile, Gabriele Candela, Ernesto Bernardo, Antonino Fotia

5. Economic Valuation of Buildings Sustainability with Uncertainty in Costs and in Different Climate Conditions  
Elena Fregonara, Diego Giuseppe Ferrando, Giacomo Chiesa

6. Energy Equalization and the Case of the ‘ZE-B Hotels’  
Salvatore Giuffrida, Francesco Nocera, Maria Rosa Trovato, Grazia Napoli, Simona Barbaro

Pierfrancesco De Paola, Vincenzo Del Giudice, Domenico Enrico Massimo, Francesco Paolo Del Giudice, Mariagela Musolin, Alessandro Malerba

Pierfrancesco De Paola, Vincenzo Del Giudice, Domenico Enrico Massimo, Francesca Salvo, Manuela De Ruggiero, Mariagela Musolin

9. Quarries Renaturation by Planting Cork Oaks and Survey with UAV  
Alessandro Malerba, Vincenzo Barrile, Antonino Fotia, Francesco Calabrò, Carlo Bernardo, Carmelo Musarella

10. The European Green Deal: New Challenges for the Economic Feasibility of Energy Retrofit at District Scale  
Grazia Napoli, Simona Barbara, Salvatore Giuffrida, Maria Rosa Trovato

11. The market Price Premium for Residential PV Plants  
Chiara D’Alpaos, Paolo Bragolusi

Francisco J. Pérez-Garcia, Esteban Salmerón-Sánchez, Fabián Martínez-Hernández, Antonio Mendoza-Fernandez, Encarnación Merlo, Juan F. Mota
Thursday 28th May - Room 4
9.00 - 11.00 am / 11.30 am - 1.30 pm

1. Applying 3D and Photogrammetric Scanning Systems to the Case of Cultural Heritage
Antonino Fotia, Raffaele Pucinotti

2. Coastal Flood Hazard: a Quick Mapping Methodology. Case Study: Gioia Tauro (Italy)
Giandomenico Foti, Giuseppina Chiara Barillà, Giuseppe Barbaro, Fabrizio Currò

3. Geomatics and Virtual Reality Techniques for underwater Heritage Knowledge Agriculture Systems in Basilicata, Southern Italy
Vincenzo Barrile, Raffaele Pucinotti, Giuliana Bilotta

4. Knowledge Agriculture systems in Basilicata, Southern Italy
Maria Assunta D’Oronzio, Giuseppina Costantini

5. Monumental Arc 3D model Reconstruction through BIM Technology
Ernesto Bernardo, Giuliana Bilotta

6. No-destructive Analysis: 3D Modeling by Thermography for Cultural Heritage
Antonino Fotia, Vincenzo Barrile, Francesca Panzera

Ernesto Bernardo, Marilisa Musolino, Mariangela Maesano

8. Submerged Photogrammetric Survey: a Methodology to Enhance Image
Marialisa Musolino, Mariangela Maesano, Giuliana Bilotta

Domenico Gattuso, Gian Carla Cassone, Margherita Malara

Vincenzo Barrile - TS14 Chair
Mediterranea University of Reggio Calabria – DICEAM

PROFESSOR of Geomatics at Mediterranean University of Reggio Calabria. The main research interests are related to surveying and monitoring with integrated Geomatic techniques, 3D modeling, Photogrammetry, GNSS, Remote Sensing, cartography, GIS. He is the Scientific Responsible of the Geomatics Lab. He is author of more than 300 scientific papers.

Antonino Fotia - TS14 Chair
Mediterranea University of Reggio Calabria – DICEAM

PhD Student. The main research interests are related to surveying and monitoring with integrated Geomatic techniques; applications of Photogrammetry, Laser-Scanning and Geographical Information Systems to the Cultural Heritage; 3D modeling of archaeological sites; innovative geomatic techniques for monitoring and precision farming; digital terrain models and mapping urban landscapes.
Wednesday 27th May - Room 1
5.00 - 7.00 pm

1. An Evaluation Model for the Definition of Priority Lists in PPP Redevelopment Initiatives
   Pierluigi Morano, Felicia Di Liddo, Francesco Tajani, Maria Rosaria Guarini

2. An Integrated Decision Support System to Define the Best Scenario for the Adaptive Sustainable Reuse of Cultural Heritage in Southern Italy
   Lucia Della Spina, Claudia Giorno, Ruggiero Galati Casmiro

3. Cost Benefit Analysis for a Hydraulic Project: a Case Study
   Francesca Torrieri, Pierfrancesco De Paola, Marco Basile, Giuseppe Vacca, Vincenzo Del Giudice

4. Cost-Benefit Analysis and Ecological Discounting
   Antonio Nesticò, Gabriella Maselli

5. The Financial Feasibility Analysis of Urban Transformation Projects: an Application of a Quick Assessment Model
   Debora Anelli, Francesco Sica

   Sebastiano Carbonara, Stefano Davide

Francesco Tajani - TS15 Chair
Sapienza University Of Rome – Department of Architecture and Design
ASSISTANT PROFESSOR in Real Estate Appraisal at the Department of Architecture and Design, Sapienza University of Rome, Italy. He is the author and coauthor of more than eighty published works on various topics, including the study of innovative algorithms as support to real estate appraisal, the evaluation of investments on cultural and environmental assets, the elaboration of models for the activation of regeneration projects on degraded areas and the enhancement of buildings in disuse, the econometric analysis of the dynamics of real estate prices generated by macroeconomic variables.

Pierluigi Morano - TS15 Chair
Polytechnic University of Bari – Department of Civil Engineering Sciences
FULL PROFESSOR in Real Estate Appraisal at the Department of Science of Civil Engineering and Architecture, Polytechnic University of Bari, Italy. He is the author and coauthor of books, journal papers and conference papers on various topics, including the themes of the plans and investments valuation, the valuation of the cost of the public works, the analysis of the real estate market, the real estate appraisal, the public-private negotiation in urban planning.

Francesco Sica - TS15 Chair
Sapienza University of Rome – Architecture and Project Department
Graduated in Building Engineering-Architecture from the University of Salerno in Italy, he is currently a Ph.D. student in Appraisal and Evaluation of Projects at the Doctoral School of Architecture and Construction in Sapienza University of Rome (Italy). At the Food and Agricultural Organization based in Rome and, then, at the SUNY College of Syracuse in New York State (USA), he carried out research activities specifically regarding the economic evaluation of nature-based investments for urban planning. He joined as a speaker in numerous workshops, conferences, and seminars. He is the author and co-author of books, journal papers and conference papers on various subjects, including the application of multi-criteria decision-making methods, econometric models, analysis algorithms to the property markets, investments evaluation and the environmental economy.
1. Addressing Social Inclusion within Urban Resilience: A System Dynamics Approach  
Giulia Datola, Marta Bottero, Elena De Angelis

2. Benefits of Blending Mandate in Sustainable Economies  
Cinzia Bonaldo

3. Multilevel Co-Governance within the 2030 Agenda: The Impact of Participatory Processes in the Veneto Region Sustainable Development Strategic Planning  
Maria Stella Righettini

4. Public-Private Partnership: Risk Allocation in Different International Markets  
Giacomo Garzino

5. Renewable Energy Communities: the Challenge for New Policy and Regulatory Frameworks Design  
Chiara D’Alpaos, Francesca Andreolli

6. The European Local ENergy Assistance (ELENA) Fund: the Relevance of Expected and Unexpected Partnerships  
Marina Bertolini

Riccardo Camboni
Wednesday 27th May - Room 2
11.30 am - 1.30 pm

1. Ecosystem Services in Land-use Planning: an Application for Assessing Transformation Scenarios at the Local Scale
Caterina Caprioli, Marta Bottero, Elisa Zanetta, Giulio Mondini

2. Hybrid Evaluation Approaches for Cultural Landscape: the Case of “Riviera dei Gelsomini” Area in Italy
Lucia Della Spina, Angela Viglianisi

3. Project and Evaluation of Nature-based Solutions for the Regeneration of Public Space
Elena Mussinelli, Andrea Tartaglia, Giovanni Castaldo, Davide Cerati

4. Reclamation Cost: an Ecosystem Perspective
Leopoldo Sdino, Paolo Rosasco, Marta Dell’Ovo

5. The Role of the Evaluation in Designing Ecosystem Services. A Literature Review
Marta Dell’Ovo, Alessandra Oppio

Antonio Longo - TS18 Chair
Polytechnic of Milan – DASTU
ASSOCIATE PROFESSOR of Urban Design and Landscape at Politecnico di Milano and coordinator of the Master's degree course in Landscape Architecture. Land Landscape Heritage. His research activities mainly concern the landscape design, the relationship between landscape and infrastructure, processes of urban transformation and urban planning.

Marta Dell’Ovo - TS18 Chair
Polytechnic of Milan – DABC
RESEARCH FELLOW at the department of Architecture, Built environment and Construction engineering at Politecnico di Milano. She held her PhD in 2017 and her research activities concerns the evaluation of plans, projects and resources under the economic, environmental and social dimensions guided by multidisciplinary approaches.

Stefano Corsi - TS18 Chair
University of Milan – Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy
RESEARCHER at University of Milan. His research interests concern sustainable value chains, relationships between urban and rural areas, environmental contested issues and vulnerability, valuation of ecosystem services. His teaching activities include Appraisal and Economic Evaluation of Projects. He is member of several National and European projects.

Alessandra Oppio - TS18 Chair
Polytechnic of Milan – DASTU
PROFESSOR of Project Appraisal and Evaluation at Politecnico di Milano from 2018. PhD in “Planning, maintenance and development of building and urban systems”. Author of numerous articles published in national and international journals on sustainability evaluation; economic evaluation of the environmental and cultural resources; complex decision-making processes and integrated assessments; urban transformation processes and real estate market.
Thursday 28th May - Room 2
9.00 - 11.00 am / 11.30 am - 1.30 pm

1. Cultural Heritage Social Value and Community Mapping
Marco Rossitti, Francesca Torrieri, Alessandra Oppio

2. Dynamics of North Italian Historic Centers and their Meaning for the Urban Structure
Ezio Micelli, Paola Pellegrini

Pierfrancesco De Paola, Vincenzo Del Giudice, Fabiana Forte, Benedetto Manganelli

4. Rural Landscape Heritage in the Inner Areas as Repository of Culture
Francesca Vigotti

5. Strategies for Sustainable Enhancement of Fortified Architecture in Inner Areas. The Case of Amendolea Castle
Roberta Pellicano

6. Sustainability between Smart Materials and Design Methodology (Baghdad City as a Case Study)
Maha Haki, Emad Al-Jabbari

7. Taking Action towards the Enhancement of Mining Heritage in Romania
Oana Cristina Tiganea

8. The Abandoned Railway Heritage: from Problem to Opportunity for the Regeneration of Minor Historic Centres
Giulia Bevilacqua, Chiara Ravagnan, Chiara Amato

9. The Antifragile Potential of Line Tourism: towards a Multimethodological Evaluation Model for Italian Inner Areas Cultural Heritage
Catherine Dezio, Marta Dall'Ovo, Alessandra Oppio

10. The Project for the “Cultural Park of Sibaritide” between United Nation Sustainable Developments goals 2030 and Promotion of Regional Development
Domenico Passarelli, Giovanni Cafiero, Ferdinando Verardi, Maurizio Nicolai, Angela De Marco, Eugenio Siciliano

11. Valuation Approaches to Assess the Cultural Heritage
Francesca Salvo, Marta Dall'Ovo, Daniela Tavano, Leopoldo Sdino
Wednesday 27th May - Room 4
11.30 am - 1.30 pm

1. A Synthetic Indicator BES-SDGs to Describe Italian Well-being
   Domenico Tebala, Domenico Marino

2. Assessing the Effectiveness of Public Investments in Cultural Built
   Heritage: The Case of the Umbertine Forts System in Italy
   Giuseppina Cassalia, Veronica Calvieri, Immacolata Lorè, Francesco
   Calabrò

3. Building Common Identities to Promote Territorial Development in
   the North of Portugal
   Ines Gusman, Rubèn Camilo Lois-Gonzàlez

4. Cultural Tourism and Heritage Education in the Portuguese Way of
   St. James
   Lucrezia Lopez, Pérez Guilarte Yamilè

5. Enhancing Heritage and Traditional Architecture Conservation
   through Digital Technologies. Developing a Digital Conservation
   Handook for Al Salt, Jordan
   Claudia Trillo, Rania Aburamadan, Chiha Udeaja, Athena Moustaka,
   Gyau Baffour Kuasi, Busisiwe Chitomborero Ncube Matore

6. Inland Territorial and Tourism Resilience in a Polarized World
   Asuncion Blanco-Romero, Macià Blàzquez-Salom

7. The Participatory Planning for Preservation and Valorization of
   Environmental Heritage
   Luisa Sturiale, Alessandro Scuderi, Giuseppe Timpanaro, Gaetano
   Chinnici

8. The Role of DMS in Reshaping Reggio Calabria Tourism
   Angela Viglianisi, Alessandra Rugola

9. VR as (In)Tangible Representation of Cultural Heritage. Scientific
   Visualization and Virtual Reality of the Doric Temple of Punta Stilo:
   Interference Ancient-Modern
   Paolo Fragomeni, Immacolata Lorè
Wednesday 27th May - Room 4
5.00 - 7.00 pm

1. “Houses For One Euro” and the Territory. Some Estimation Issues for the “Geographic Debt” Reduction
Salvatore Giuffrida, Maria Rosa Trovato, Antonio Strigari, Grazia Napoli

Lucia Della Spina, Alessandro Rugolo

3. A Multidimensional Evaluation for Regenerative Strategies: Towards a Circular City-Port Model Implementation
Maria Cerreta, Eugenio Muccio, Giuliano Poli, Stefania Regalbuto, Francesca Romano

4. Evolution and Transformation of Real Estate Dynamics in the City of Milan
Liala Baiardi, Andrea Ciaramella

5. Facility Management Services in Smart Cities: Trends and Perspectives
Cinzia Talamo, Nazly Atta

6. Metropolitan Cities and Digital Agenda: Strategy and Monitoring Methodology
Demetrio Naccari Carlizzi, Agata Quattrone

7. Who Drives the Growth? Empirical Evidences from real-estate Market Values of 12 Italian Metropolitan Cities
Alessia Mangialardo, Ezio Micelli

Roberto Camagni - TS21 Chair
Polytechnic of Milan – Department of Architecture, Construction Engineering and Built Environment

PROFESSOR EMERITUS of regional and urban economics at Polytechnic of Milan. His broad research activity focuses on regional and urban development and the dissemination of technologies and innovations with publications on the leading international scientific journals. He is the lead partner coordinator of the research project “Metropolitan cities: territorial economic strategies, financial constraints and circular regeneration” (PRIN 2015).

Ezio Micelli - TS21 Chair
IUAV University of Venice – Department of Architecture and Arts

FULL PROFESSOR of real-estate valuation at the University IUAV of Venice. He is currently working on the effects on real-estate markets of the great economic change acting Italian cities after the economic downturn occurred at the end of last decade. He is partner of the research project “Metropolitan cities: territorial economic strategies, financial constraints and circular regeneration” (PRIN 2015).
Rosa Anna Genovese - TS22 Chair
University of Naples 'Federico II' - Department of Architecture (DiARC)

Academic Titles
- Confirmed Associate Professor, qualified as Full Professor, of Restoration (ICAR 19) of the University of Naples 'Federico II', Department of Architecture – DIARC:
  - Specialized Architect at Post-graduate School in Architectural and Landscape Heritage (formerly Monuments Restoration).
  - She coordinated research, didactic and cultural activities of the School of Specialisation in Monument Restoration of Naples (1976/2005).
  - She was the professor (1991/2004) of the degree course in Conservation of Cultural Heritage at the University of Naples 'Suor Orsola Benincasa'. Executive, Advisory Roles within ICOMOS and UNESCO, Memberships
  - Member of ICOMOS Academy.
  - Expert Member of the International Scientific Committees of ICOMOS Theory and Philosophy of Conservation and Restoration of Cultural Property (TheoPhilos) and Cultural Routes (CIIC) of which she was also General Secretary (1999/2005) and Assistant to the President (2005/2011).
  - Member of the Italian Board and Coordinator of the Scientific Committees of ICOMOS Italy (2010 – 2019).
Awards
- She received the National Prize “Capri - San Michele (Art Section)” for the volume Gaetano Genovese e il suo tempo.
Publications and roles as Editor
- Author of over one hundred and fifty publications on Conservation, Restoration, Protection, and Enhancement of Cultural Heritage. - Chief Editor of magazines 'Restauro' (1979-2004) and Editor for Italy of the periodical 'ICOMOS Information' (1985-1990).
Member of Research Groups, Director of Architectural Restoration
- Member of the Research Groups.
- She directed many yards of Architectural Restoration in Italy.
- Promoter, scientific coordinator and speaker of innumerable National and International Congresses and Symposia on Conservation, Restoration, Protection and Enhancement of Cultural Heritage.
Thursday 28th May - Room 5
9.00 - 11.00 am / 11.30 am - 1.30 pm

1. Integrated, Adaptive and Smart Envelope for Near Zero Energy Buildings
Martino Milardi

2. The Routes of Pilgrimage as Territorial and Urban Regeneration Axes
Maria Fiorillo

3. Culture as a Key Driver for Transforming Urban Systems: Insights from Recent Literature and Urban Policy Agenda
Georgia Tseva

4. Embodying Periphery
Francesca Schepis

5. Geomatic Techniques: a Smart App for a Smart City
Vincenzo Barrile, Antonino Fotia, Ernesto Bernardo, Giuliana Bilotta

6. Holistic Approach to Urban Regeneration
Daniela Parisi

7. Maintenance as Crosswise Indicator of Sustainability in Management and Evaluation Instruments
Massimo Lauria, Maria Azzalin

8. Membrana Smart Device: Analytical Characteristics and Application
Domenico Passarelli, Vincenzo Alfonso Cosimo, Giuseppe Caridi

Rossella Marzullo

10. Retake Rancitelli
Piero Rovigatti

11. Smart city: the Citizen Protagonist
Francesco Alessandria

12. Social Innovation and Sustainable Project
Alberto De Capua

13. Territoriality and Renewable Resources. Sustainable Innovation Strategies for Circular Design
Francesca Giglio, Rosamaria Codispoti

14. The Scattered Park of Locride
Francesco Stilo

15. Transformation and Maintenance of the Existing as Ecological chance to Build Sustainable Scenarios
Stefano Aragona

Stefano Aragona - TS25 Chair
Mediterranea University of Reggio Calabria
Dept. of Heritage, Architecture, Urban Planning

Bachelor in Civil Engineering, Researcher in Town Planning, Department of Heritage, Architecture, Urban Planning University Mediterranea of Reggio Calabria. He published in various locations mainly on the relationship between spatial transformations/urban and technological innovation, and identity of places. Topics that he faces thanks to study grants by the Netherlands at the Delft University, Faculty of Architecture, and later on, in the same site where he enjoied a grant by the Italian National Research Council (CNR), the same institution which gave him a grant at the Institute of Territory Planning and Management (IPIGeT, CNR), Naples. He took part in research regarding the environmental impact of new technologies at the Building Technique and Environmental Control Department, Faculty on Engineering, Rome “La Sapienza”. He took the Master of Science in Economy Policy and Planning and Planning at the Department of Economics, Northeastern University, Boston. Later on he got the Ph.D. in Urban Planning, Reggio Calabria University. He is teaching in the Universities of Reggio Calabria and Rome.
**NEW METROPOLITAN PERSPECTIVES 2020**

**THEMATIC SESSIONS - TS**

**TS28**

**SPATIAL DATA INFRASTRUCTURES, URBAN MODELLING AND GEOSPATIAL ANALYSES IN ASSESSING URBAN AND RURAL LANDSCAPES: NEW PERSPECTIVES AND OPEN CHALLENGES**

**Giuseppe Modica** - TS28 Chair
Mediterranea University of Reggio Calabria - Agraria Dept.
PhD in Environmental and Agri-forestry Engineering, assistant professor in Rural Buildings and Rural Landscape at the Department of Agraria of the Mediterranean University of Reggio Calabria. Member of AIAR (Italian Association of Agricultural Engineering), OGI (Commission International du Génie Rural) and AgEng (International Association of Agricultural Engineers). His main research interests focus on sustainable landscape planning, land use dynamics, landscape services, geospatial information in decision support systems, spatial multimedia in Co-differentiation, Remote sensing applications in Ag-Forestry, geographic object-based image analysis (GEOBIA). He authored of more than 70 publications in these research elds. Member of Programme Committee of the International Conference on Computational Science and Its Applications (ICCSA 2011-2020). Member of the editorial board of Remote Sensing (ISSN 2072-4292) and of the topic board of Land (ISSN 2073-446X). More information can be found at https://publons.com/researcher/1260580.

**Beniamino Murgante** - TS28 Chair
University of Basilicata - School of Engineering
PROFESSOR of spatial planning School of Engineering of the University of Basilicata. He took his PhD in "Sciences and methods for European cities and territory" at the Department of Civil engineer of the University of Pisa and he carried out other researches in Lyon at the Laboratory for Information System Engineering directed by Robert Laurini. He is the author of more than 100 international publications in the eld of technology applied to the city and the territory. Member of the Editorial Board of several international journals, of scientific committees of many national and international conferences and of the scientific council of some national and international organizations. Co-General Chair of the International Conference on Computational Science and its Applications (ICCSA). More information can be found on the personal web page: http://oldwww.unibas.it/utenti/murgante/Benny.html.

**Maurizio Pollino** - TS28 Chair
PhD in Agroforestry and Environmental Engineering. From 2000 Researcher at ENEA, involved in R&D activities in the eld of Geomatics (Remote Sensing and GIS). From 2003 to 2008, Adjunct Professor of "Geographical Information Systems" (Universita di Rome „Sapienza"). Main research interests focus on geomatics applications to environmental studies (land planning, spatial analysis) and risk analysis (multi-risk assessment, GIS-based Decision Support Systems). Author and co-author of several scientific publications and contribution to Conferences. ECDL GIS Cerit ed Examiner. Member of Programme Committee of the International Conference on Computational Science and Its Applications (ICCSA 2011-2020). Co-Organiser and Co-Chair of ASTER and CoForAg International Workshops. More information can be found on the personal web page: http://apic.casaccia.enea.it/pollino/

**Wednesday 27th May - Room 6**
**2.30 - 4.30 pm / 5.00 - 7.00 pm**

1. **Best Practices of Agro-food Sector in Basilicata Region (Italy): Evidences from INNOVAGRO Project**
   Francesco Scorza, Angela Pilogallo, Lucia Saganeiti, Alessandro Bonifazi, Valentina Santarsiero, Rosanna Piro, Carmen Izzo, Beniamino Murgante, Giuseppe Faruolo, Giovanni Fortunato

2. **Cycling Infrastructures and Community Based Management Model for the Lagonerzio-Rotonda Cycling Route: ECO-CICLE Perspectives**
   Giovanni Fortunato, Alessandro Bonifazi, Francesco Scorza, Beniamino Murgante

3. **Detection and Sharing of Anomalies in the Vegetative Vigor of Durum Wheat in Italy**
   Simone Lanuca, Giuseppe Modica

4. **Geomatics to Analyse Land Transformation in Mozambique – the Nacala Corridor Case Study**
   Maurizio Pollino, Annalisa Cavallini, Emanuela Ciaiaffa, Flavio Borfecchia, Luigi De Cecco

5. **Land Use Change and Habitat Degradation: a Case Study from Tomar (Portugal)**
   Luciana Nolè, Angéla Pilogallo, Lucia Saganeiti, Alessandro Bonifazi, Valentina Santarsiero, Luís Santos, Beniamino Murgante

6. **Land Use, Phosphorus Pollution and Risk Assessment for the Bolsena Lake (Italy). An Estimation Using Remote Sensing and Multi Criteria Analysis**
   Matteo Piccinno, Adrienn Caronte-Veisz, Fabio Recanatesi

7. **Mapping Monthly Precipitation in New Zealand by Using Different Interpolation Methods**
   Ilaria Guagliardi, Gaetano Pellicone, Tommaso Caloire

8. **Monitoring Onion Crops Using Multispectral Imagery from Unmanned Aerial Vehicle (UAV)**
   Maurizio Gaetano Messina, Vincenzo Fiozzo, Salvatore Praticò, Biagio Siciliani, Antonio Curcio, Salvatore Di Fazio, Giuseppe Modica

9. **Monitoring Urban Growth Evolution by Multi-temporal Dynamics Analysis in a Southern Italy Area**
   Ilaria Guagliardi, Nicola Ricca

    Salvatore Praticò, Salvatore Di Fazio, Giuseppe Modica

11. **Polycentrism and Effective Territorial Structures: the Basilicata Region Case Study**
    Laura Curatella, Angela Pilogallo, Giovanni Fortunato, Lucia Saganeiti, Valentina Santarsiero, Alessandro Bonifazi, Francesco Scorza

12. **RES and Habitat Quality: Ecosystem Services Evidence Based Analysis in Basilicata Area**
    Valeria Muzzillo, Angela Pilogallo, Lucia Saganeiti, Valentina Santarsiero, Beniamino Murgante, Alessandro Bonifazi
Wednesday 27th May - Room 5  
2.30 - 4.30 pm / 5.00 - 7.00 pm

1. Analysis of the Effects of Climate Change on the Energy and Environmental Performance of a Building with and without Onsite Generation from Renewable Energy
Giovanni Tumminia, Francesco Guarino, Sonia Longo, Davide Aloisio, Salvatore Cellura, Francesco Sergi, Giovanni Brunaccini, Vincenzo Antonucci, Marco Ferraro

2. Circular Processes and Life Cycle Design for Sustainable Buildings
Monica Lavagna, Anna Dalla Valle, Serena Giorgi, Tecla Caroli, Andrea Campioli

3. Eco-innovative Scenarios for Smart Materials. The PVCupcycling Project – Circular Economy and Zero Waste
Consuelo Nava, Domenico Lucanto

4. Economical Comparison among Technical Solutions for Thermal Energy Production in Buildings Based on both Conventional and Solar RES Systems
Matilde Pietrafesa, Concettina Marino, Antonino Nucara, Maria Francesca Panzera, Antonio Piccolo

5. Energy and Environmental Assessment of Heritage Building Retrofit
Marina Mistretta, Francesco Guarino, Maurizio Cellura

Pierfrancesco De Paola, Vincenzo Del Giudice, Domenico Enrico Massimo, Francesco Paolo Del Giudice, Mariangela Musolino, Alessandro Malerba

7. Recent Trends in Sustainability Assessment of “Green Concrete”
Angela Malara, Patrizia Frontera, Marina Mistretta

8. Sustainable and Green Building Design: Shipping Container as Passivhaus
Francesco Nocera, Elisa Bongiorno, Concetta Borgia, Maurizio Detommaso

Maurizio Cellura - TS30 Chair
University of Palermo – Engineering Dept.  
PhD, Full professor of Building Physics and Energy Systems since 2011 at the University of Palermo, his scientific activity is focused on building energy efficiency, renewable energy technologies and decarbonization strategies of systems and processes. His experience on an international level on building science and Life Cycle Assessment is clarified by the coordination of several national and International research projects on energy-environmental topics, his teaching experiences in international courses and seminars and by the participation to many International Energy Agency work groups. Involved in the field of LCA applied to buildings in the last three decades, he was President of the Italian Life Cycle Assessment network from 2015 to 2019.

Marina Mistretta - TS30 Chair
Mediterranea University of Reggio Calabria - PAU Dept.  
PhD, Associate Professor of Building Physics and Energy Systems since 2016 at the University of Reggio Calabria, her scientific activity is mainly oriented towards energy and environmental topics, with focus on Life Cycle Assessment, energy efficiency in buildings, technologies powered by renewable energy technologies, systems for energy generation and storage, and decarbonization strategies of systems and processes. She is member of the Steering Committee of the Italian Life Cycle Assessment Network since 2015 and of several, and she is involved in many scientific research networks about energy, sustainability.
"Special parallel events complement the formal scientific program, providing an opportunity for presentations or extended dialogue and exchanges beyond what is already proposed in the regular scientific sessions.”

**ES01 AWARDS**

E.M. - *Edoardo Mollica Award* - Thursday 28th May - 2.00 pm - Room 6  
V.M. - *Valeria Morabito Award* - Thursday 28th May - 9.00 am - Room 1

**AWARDS**

*Chaired by: Giuseppina Cassalia, member of ASTRI*

- **E.M. - Edoardo Mollica Award**  
  Participation of young researchers in the scientific debate - Successful early career researchers’ papers

- **V.M. - Valeria Morabito Award**  
  "IMAGES from the FUTURE" - Audio Video Contest

**ES02 IL VIAGGIO DI ULISSE COME ITINERARIO CULTURALE EUROMEDITERRANEO (ITA)**

Thursday 28th May - 9.00 - 11.00 am - Room 6

**IL VIAGGIO DI ULISSE COME ITINERARIO CULTURALE EUROMEDITERRANEO (ITA)**

*Chaired by: Francesco Calabrò, Scientific Head of LaborEst*

**Speakers:**

- Maurizio Di Stefano, ICOMOS Italia  
- Teresa Cualtieri, FICLU  
- Rosa Anna Genovese, ICOMOS Italia  
- Roberta Alberotanza, Centro Camuno di Studi Preistorici  
- Mariangela Monaca, University of Messina  
- Franco Porcaro, Club UNESCO - Scilla  
- Salvatore Patamia, Regional Secretariat - MIBACT - Calabria  
- Fabrizio Sudano, Soprintendenza Archeologica, Belle Arti e Paesaggio, Reggio Calabria-Vibo Valentia
NEW METROPOLITAN PERSPECTIVES 2020
EXTRA SESSIONS - ES

ES03
TAVOLA ROTONDA - LE CITTA’ AL TEMPO DEL 5G (ITA)

Thursday 28th May - 3.00 - 7.00 pm - Room 6

LE CITTÀ AL TEMPO DEL 5G (ITA)

Chaired by:
Francesco Calabrò, Mediterranea University of Reggio Calabria
Gabriella Esposito De Vita, CNR-IRISS - Napoli

Speakers:
Città: Individui, relazioni, spazi collettivi
- Laura Campanello, philosopher and psychoanalyst, Philo - School of Philosophical Practices
- Camilla Perrone, urbanologist, University of Florence
- Fortuna Procentese, psychologist, University of Naples Federico II
- Alessandro Simonicca, anthropologist, Sapienza University of Rome

Territori: sistemi produttivi e scelte localizzative
- Roberto Camagni, economist, Polytechnic of Milan
- Fabio Pollice, geographer, University of Salento
- Francesco Moraci, urbanologist, Cda - Gruppo Ferrovie dello Stato Italiane
- Massimo Clemente, urbanologist, Central Tyrrhenian Sea - Port System Autorithy

Diritti, democrazia, libertà individuali
- Stefano Moroni, urbanologist, Polytechnic of Milan
- Giovanni Carlo Bruno, jurist, CNR-IRISS Napoli
- Carlo Morabito, electronic engineer, Mediterranea University of Reggio Calabria
- Elena Battaglini, sociologist, Giuseppe di Vittorio Foundation

Discussant:
Andrea Agostinelli, Port Authority - Gioia Tauro
Sergio Vasarri, expert - Presidency of the Council of Ministers

ES04
L’UOMO DI PROTAGORA: MISURA DI TUTTE LE COSE (ITA)

Thursday 28th May - 11.30 am - 1.30 pm - Room 6

"L’UOMO DI PROTAGORA: MISURA DI TUTTE LE COSE". Riflessioni sul valore e sulla prospettiva del patrimonio culturale immateriale UNESCO. Un’idea di network (ITA)

Chaired by:
Patrizia Nardi, Scientific Committee of the Intangible Cultural Heritage of Icomos Italia
Francesco Calabrò, Mediterranea University of Reggio Calabria

Speakers:
- Emanuela Rossini, Founder - Intergroupo Parlamentare Siti Unesco
- Paolo Russo, Promoter - L.77/2006 - Patrimonio Immateriale UNESCO
- Salvatore Potamia, Regional Secretariat - MIBACT - Calabria
- Maurizio Di Stefano, President - ICOMOS Italia
- Leandro Ventura, Director - Istituto Centrale per il Patrimonio Culturale Immateriale
- Teresa Gualtieri, President - FICLU
- Gianni Bonazzi, President - Fondazione Parco Archeologico naturalistico Vulci, already Director MIBACT
- Claudio Bocci, Delegate Advisor - Ravello Lab
- Maria Grazia Bellisario, Architect, “Economia della Cultura” Editor, already Director MIBACT
NEW METROPOLITAN PERSPECTIVES 2020
COMMITTEES

SCIENTIFIC ORGANIZER

Francesco Calabrò - Lucia Della Spina
LaborEst - Scientific Head

LaborEst - Economic Evaluations and Real Estate Appraisals Lab
LaborEst is a research laboratory that operates within the PAU Department, and it is characterized by an integrated approach to the protection, conservation and enhancement of architectural heritage an environment.

Carmelina Bevilacqua
CLUDsLab Director - TREN D Project Coordinator

CLUDs Laboratory - Community Local Urban Development
CLUDsLab is a research laboratory of the PAU Department that operates in the field of urban regeneration and local sustainable development with the aim to explore the complexity of local dynamics by combining research and higher education activities.

SCIENTIFIC SECRETARIAT

Giuseppina Cassalia - Angela Viglianisi
Tiziana Meduri - Immacolata Lorè
Members of ASTRI

ASTRI - Scientific Association on Interdisciplinary Research and Regional Studies
ASTRI is an Italian not-for-profit organization aiming at promoting dialogue and networking among researchers practitioners and activists from different fields and disciplinary backgrounds.

ORGANIZING COMMITTEES

CONTACTS
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