

# NETWORKS, MARKETS & PEOPLE - NMP2024

## THEMATIC SESSIONS - TS

### TS-43

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

*Keywords: Valuation and Appraisal; Energy Efficiency; Green Building; Post Carbon City; Natura-Based Materials for Ecological Transition.*

#### DESCRIPTION

Session is devoted to present researches supporting Global Ecological Transition from energy demanding settlement to green world, green economy and nature-based post carbon cities, districts, buildings. All of them adopting the cheapest and most efficient energy: the not consumed one i. e. the SETTLEMENT efficiency toward aZEW almost Zero Energy World.

#### FORERUNNER CONTRIBUTIONS OF ITALIAN APPRAISAL: THE NEXT NORMAL

Forerunner scientific contributions and pioneer Third Mission of Italian Appraisal anticipated the understanding of ecological catastrophe of climate change, hanging over the World, the contriving of final solutions based on generalized efficiency and their real-world prototype and experimental implementation. Key pillars of climate change final solution are improvements of quality – healthiness of the indoor environment and increase of existing building energy efficiency (toward almost zero energy building) by the mean of edifice “passivation” and use of local bio-natural materials and products in a framework of green circular economy and nature-based agri-forest chain.

#### PAPERS

Appraisal and Valuation Thematic Session would address several aspects of Global Ecological Transition.

#### CHAIR

**Domenico Enrico Massimo** - **Mediterranea University of Reggio Calabria, Italy.**

Professor of Sustainability Valuation, Sustainable Design, Appraisal at Mediterranean University, Reggio Calabria. Permanent Spurs Fellow at MIT (Cambridge, Usa). At Mediterranean: 3-terms Vice Director of PAU Department; Director of GEomatic VALuation University Laboratory (GeVaUL). Visiting at: MIT, Northeastern University and San Diego State University (Usa); Dundee University, and Salford University (Uk); Gdansk University of Technology (Gdansk, Poland); Free University of Amsterdam (NL). He studied at: MIT and Harvard University (Cambridge, Usa); Boston and Northeastern University, and Berk Lee College (Boston, Usa); Mediterranean University and Rome La Sapienza University (Italy).

**Co-chair:** **Pierfrancesco De Paola, Mariangela Musolino, Alessandro Malerba, Roberta Errigo**