

NETWORKS, MARKETS & PEOPLE - NMP2024

THEMATIC SESSIONS - TS

TS-38

PEOPLE-NATURE COHESION FOR SMART URBAN TRANSITION Conservation, Safety and Progress for a Multidimensional City

Keywords: Smart Forestry; Biodiversity; Prevention of Wildfires; Watershed-Coast Management; Soil Conservation.

The thematic session aims to enhance, with a multidisciplinary and integrated approach, the debate around the paradigm of a desirable socio-economic development respectful of the conservation needs of natural resources, the maintenance of the equilibrium of agro-forestry ecosystems, and the security of rural, peri-urban and urban space.

The session, therefore, aspires to receive scientific contributions on rural-urban “dialogue and dualism”, according to the following topics, in the perspective of ecological transition in a scenario of harmonious socio-economic growth and development and the achievement of sustainable levels of quality of life:

- Ecology
- Ecosystem services and blue/green economy;
- Natural resources and landscape conservation;
- Smart forestry and resilience;
- Sustainable agriculture,
- Environmental risk mitigation in urban areas;
- Watershed-Coast management and planning;
- Prevention of wildfires and extreme events in mountain areas;
- Biodiversity Management and Conservation;
- Science Education;
- Ethno-botany, traditional knowledge and cultural heritage;
- Water and soil conservation.

CHAIRS

Giuseppe Bombino - **Mediterranea University of Reggio Calabria, Italy.**

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

Daniela D’Agostino - **Mediterranea University of Reggio Calabria, Italy.**

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