

# NETWORKS, MARKETS & PEOPLE - NMP2024

## THEMATIC SESSIONS - TS

### TS-23

#### THE COMPLEX AND INTERCONNECTING RELATIONSHIPS AMONG FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

*Keywords: SDGs; Sustainable Development; Agriculture; Bioeconomy; Environment.*

The fields of food, bioeconomy, natural resources, agriculture, and the environment are interconnected in complex relationships. It is essential to understand these connections to develop sustainable practices that can ensure food security, promote a thriving bioeconomy, conserve natural resources, and preserve the environment. Achieving a delicate equilibrium between these factors can be challenging, but it is possible through accurate management governance and sustainable practices. Furthermore, all these factors contribute to achieving the Sustainable Development Goals of Agenda 2030. Agriculture has a significant impact beyond food production and plays a crucial role in the bioeconomy and the management of natural resources. The bioeconomy, in turn, involves the production of renewable biological resources and using clean technologies that preserve resources, recycle waste, and reduce emissions, contributing to a circular economy. Natural resources are also crucial for food production and the bioeconomy. The environment is the ultimate recipient of the impacts of food production, the bioeconomy, and the use of natural resources.

The session with an interdisciplinary approach welcomes manuscripts that can contribute to understanding the relationships and interconnections of food, agriculture, natural resources, the bioeconomy, and the environment to manage better and achieve the SDGs of Agenda 2030.

#### CHAIRS

**Vincenzo Provenzano** - Department of Economics, Business and Statistics, Palermo University, Italy.

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

**Maria Rosaria Seminara** - Department of Economics, Business and Statistics, Palermo University, Italy.

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

**Carmelina Bevilacqua** - Department of Planning, Design, Technology of Architecture, Sapienza University of Rome, Italy.

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