

Community Empowerment through Appropriate Techniques and Technology

Dr. Giulia Annalinda Neglia, Landscape Architecture Polytechnique University of Bari

The aim of this presentation is to share approaches and methodologies for integrated smart recovery and conservation. Priority will be given to promoting people-centred initiatives and ensuring inclusive and humane outcomes that protect rights and empower and strengthen efforts to protect and preserve the world cultural and natural heritage of old cities in the Middle East, particularly Aleppo. New technologies and applications linked to heritage techniques and forms can support urban recovery after natural disasters or in conflict-affected contexts, promoting resilience, cultural identity and the consolidation of social cohesion. They can also strengthen the connection between local and international communities in the process of restoring, documenting and preserving urban historic sites through digital documentation, artificial intelligence and new construction techniques (e.g. 3D printing) as innovative approaches to help the city become more inclusive, safe, resilient and sustainable.