

Urban Challenges
and Sustainable Technological Revolution



Special Session Proposal

ICT as. tools for islands integrated development

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Abstract

In the context of European cohesion and enlargement, insular regions are considered as having permanent natural handicaps, due to topographic restrictions and difficult connections on economic activity and peripherality. The recent COVID pandemic crisis has reduced the demand for agricultural products and the seasonal labor, the development of tourism, and increased the social isolation and vulnerability due to the lack of services. At the same time remote working habits, new forms of mobility and new consumption and production patterns, and the relocation of production chains, can be the new opportunities for insular areas integrated development. Towards this field the role of new technologies can be decisive for the resilient development of isolated insular European areas.

The current session's aim is to collect ideas and proposals based on Information and communication technologies for insular areas integrated development which will highlight their diversity and support resilient communities.

It encourages papers that analyze the promotion of ICT applications

- In innovative transport systems to allow access in insular areas
- In the fields of energy production and carbon storage sectors
- In the development of synergies between all productive sectors
- In the promotion of smart tourism that focuses on the interconnection of natural and cultural capitals of the insular areas. , tourism and local ecosystems.
- In the development of Smart insular regions
- In working training, education and reskilling opportunities, mobile fab labs and community centres and health services.
- In women's involvement in local action groups and rural development networks.
- In place-based strategies for innovative governance.