Monitoring of the Territory and Emergency Management

Technology at the Service of People

For institutions, safeguarding the territory is a crucial goal, aimed at preventing, combating, and managing the consequences of increasingly frequent extreme events, such as floods and earthquakes, which impact the lives of citizens.

HOW TO?

1

Enhance Prevention Plans

The integration of local and satellite monitoring networks maximizes the effectiveness in anticipating events such as territory disasters, while data availability expedites operational decisions.

2

Innovate Regional Information Systems and Support Civil Protection

Digitizing authorization processes and providing valuable on-site support through the use of GIS/ Remote Sensing, AI & Advanced Analytics, Cloud, IoT, Blockchain.

3

Alert the Population

Apps and geolocation enable the rapid dispatch of clear instructions. AI and data analysis improve emergency prediction and management, reducing response times.

Fires, Avalanches, and Meteorological Events

IoT and Geospatial technologies allow for:

Detecting anomalies in climate and temperature, contributing to more effective wildfire prevention and management.

Measuring atmospheric and topographic parameters to gain critical information for anticipating and addressing hazardous situations.

Monitoring data for alerts, allowing better preparation for potential natural disasters.

Combating Environmental Crimes

The use of cutting-edge technologies assists in monitoring and combatting environmental crimes (remote surveillance, sensors in sensitive areas, etc.), contributing to the preservation of the local ecosystem.

Effective and Sustainable Territorial Planning

New technologies enable better resource management and the optimization of planning strategies based on new knowledge models.

Remote Sensing

Thanks to new Earth Observation technologies, prediction and alert systems can be streamlined, enabling real-time monitoring of the territory and the environment (hydrogeological risk, water management, deforestation, etc.).

Our Ecosystems

Digital Citizenship · Smart Ecosystem · AI Robotics · Mobility · Smart Economy

Our Toolbox

PODCAST · CASE STUDIES · PAPER · USE CASES

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