



smartrainfallsystem



Innovation for the hydrogeological hazard
now-casting



ARTYS

WHO WE ARE AND WHAT WE DO



ARTYS

www.artys.it

Artys S.r.l. is an innovative SME with a social vocation, and a University of Genova spin-off company, founded in 2014.



We provide advanced environmental monitoring solutions and we developed [Smart Rainfall System](#)

smartrainfallsystem

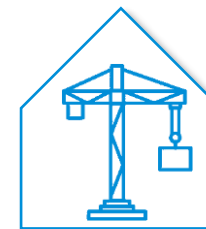
URBAN
RESILIENCE



TERRITORY
DEFENSE



WORK
SAFETY



INFRASTRUCTURES
SAFETY



SMART RAINFALL SYSTEM

SRS is the low-cost decision support system (DSS) that allows a better emergency management of the food hazard based on the knowledge of current weather conditions.



Efficient management
of the emergency



Safety of people and goods
is quickly ensured



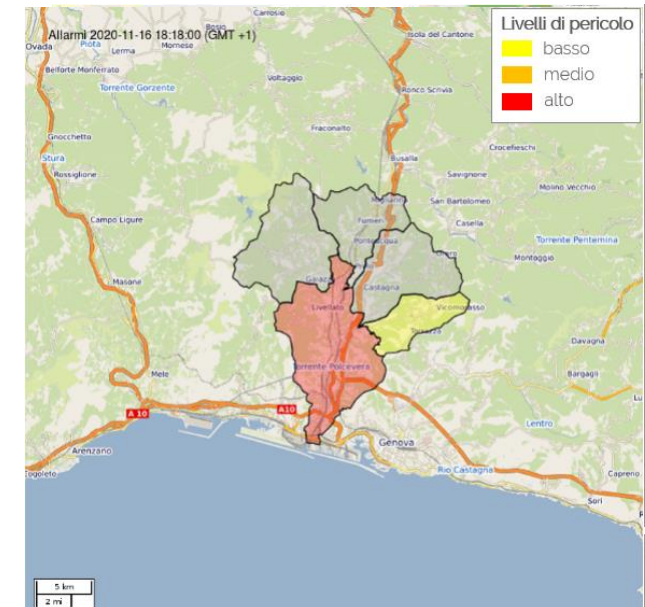
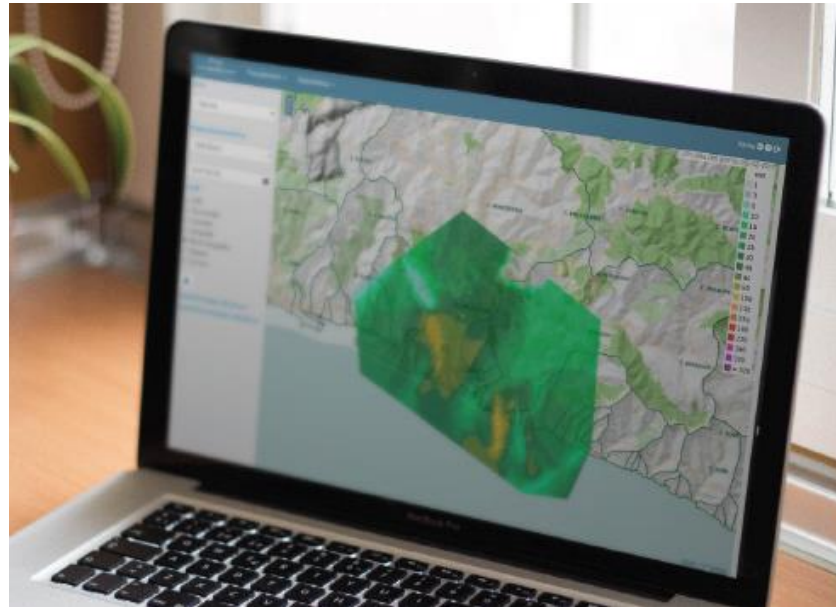
Real-Time information on
flood risks



With SRS it is possible to make quicker and more informed choices and take optimal evidence-based decisions.

SRS: INNOVATION IN MONITORING

SRS provides **real-time** rainfall distribution information through high definition maps, that are **more precise** geographically than traditional sensors.

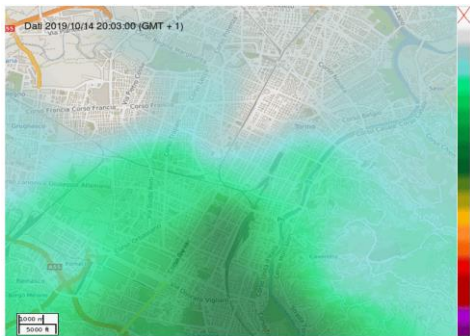


SRS processes the data received from the sensors and the rainfall prediction model to provide short-term forecasts of the hydrogeological hazard knowing the exact precipitation conditions on the monitored area.

PRODUCT FUNCTIONALITIES

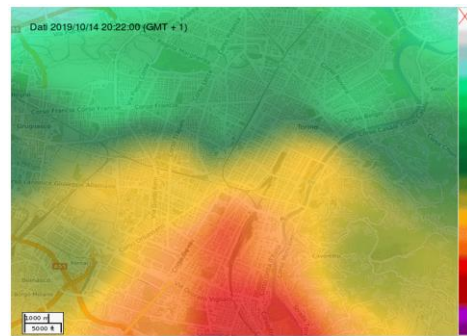
Hydro-geological risk monitoring, forecasting and alerting with continuous elaboration of geo-referenced rainfall and flood maps to support smart cities and territories protection actions.

MONITORING



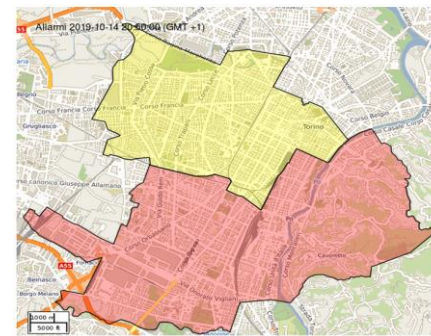
Real-time rainfall maps

LOCAL FORECASTING



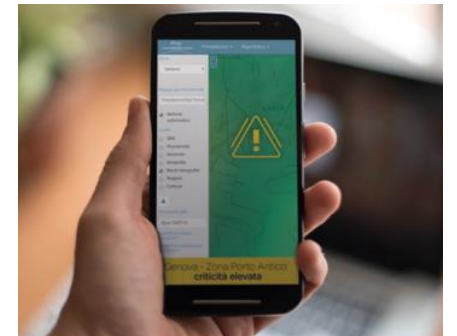
Rainfall forecasting (up to 12 hours)

RISK ASSESSMENT



Dynamic analysis with expert system

ALERTING



Instant messaging

We're doing all the rain math
SO YOU CAN DO WHAT COUNTS.

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ARTYS

ADVANCED ENVIRONMENTAL MONITORING
AND ANALYSIS SYSTEMS