

Using satellite soil moisture and rainfall data for the monitoring and the prediction of natural hazards

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Rainfall-induced shallow landslides

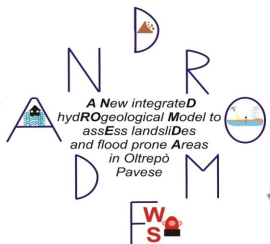


Integration of satellite measures of rainfall and soil moisture

Data-driven method for the occurrence of shallow landslides at large scale



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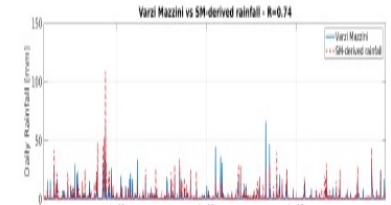
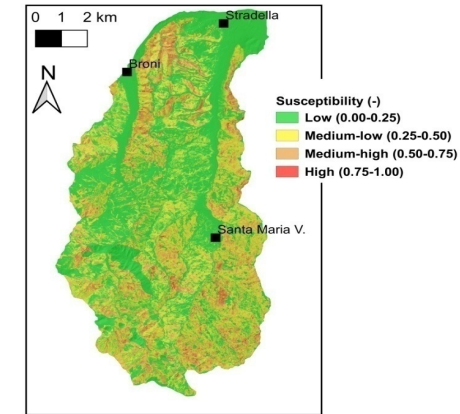
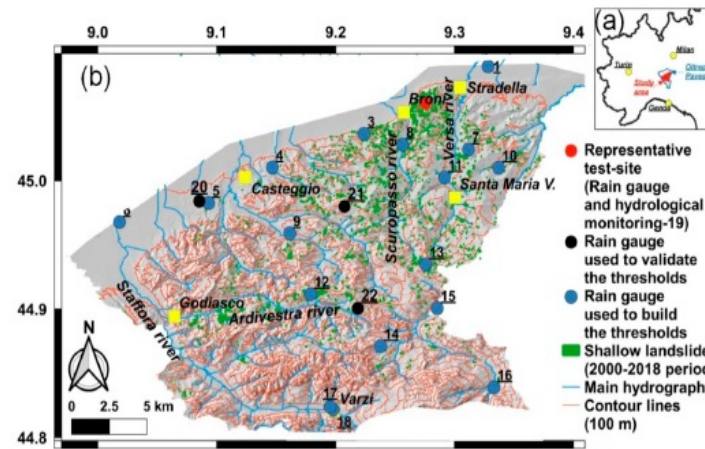


DLPI
Dynamic Landslide Probability
Index

Susceptibility maps
X
Temporal probability

METHODOLOGY

Study Area



Rain gauge vs SM2RAIN

