

Aula Verde

09.30 Erosive effects of sea-storms, human pressure, and sea level rise on Volturno coastal plain (mid-Tyrrhenian area): present to future coastal hazard Fasciglione G.*, Benassai G., Mattei G., Mucerino L., Pappone G. & Aucelli P.P.C.

09.35 On the resilience to climate change of sites of community importance (SCI): the case of Cala del Cefalo (Southern Italy) Sorrentino A.*, Fasciglione G., Mattei G., Pappone G. & Aucelli P.P.C.

09.40 External forcing on drainage divide evolution in rifted margins: case of Madagascar Clementucci R.*, Uchusov E., Willett S. & Wang Y.

09.45 Building a database for the analysis of sinkholes related to artificial cavities: the case study of Altamura (Apulia, southern Italy) Fracchiolla R.*, Bonamassa G., Liso I.S., Lollino P., Lorusso G. & Parise M.

09.50 Catchment-averaged denudation rates in the Northern Apennines and Ligurian Alps and implications for landscape dynamics Vance G.*, Clementucci R., Picotti V. & Willett S.D.

09.55 How long does the signature of tectonic events last in the landscape? Topographical analysis of Jebel Akhdar dome and surrounding Semail Ophiolite in the Al-Hajar Mountains (northern Sultanate of Oman) Pezzotta A.*, Marinoni A., Al Kindi M., Zucali M. & Zerboni A.

10.00 Landslide Susceptibility, Vulnerability, and Risk Assessment based on Remote Sensing and GIS data models: A Case Study at the eastern Hindukush Mountain ranges, Pakistan Hameed A.*, Conforto P., Parise M., Lollino P., Ishfaq M. & Alias Aamir Soomro M.H.

10.05 Landslide body segmentation from satellite imagery using artificial intelligence model: case studies Ischia island and Forlì - Cesena area Pirulli G., Mancino S.*, Sabato G., Parise M., Scardino G. & Scicchitano G.

10.10 Sentinel-1 SAR-based Globally Distributed Landslide Detection by Deep Neural Networks Nava L.*, Mondini A., Bhuyan K., Fang C., Monserrat O., Novellino A. & Catani F.

10.15 Development and application of an enhanced inversion algorithm for the reconstruction of the basal surface of landslides Hu L., Donati D.*, Landi G., Zama F. & Borgatti L.

10.20 New materials for civil engineering through solidification and stabilization processes Di Chiara G.*, Farina I., Fraternali F. & Petrillo A.

10.25 Geophysical and geochemical data integration for agricultural soil monitoring and prevention of the effects of salinity, organic matter, and climate change in the Province of Ferrara (Northern Italy) Sobbe A.*, Bianchini G., Rizzo E. & Brombin V.

10.30 New analysis of InSAR and seismology for kinematic reconstruction of the 1995 offshore Aigion M6.5 earthquake (Greece) Parnas M.*, Pagli C., Keir D., La Rosa A. & McNeill L.

10.35 ML vs semi-automatic seismic catalogs: a new catalog for the L'Aquila 2009 earthquake sequence Fonzetti R.*, Valoroso L., De Gori P., Govoni A. & Chiarabba C.

10.40 Geoelectromagnetic map for central Italy: preliminary results of the MARGE project Pignatiello G.*, Coco I., De Girolamo M., Di Persio M., Giannattasio F., Gizzi C., Materni V., Miconi L., Miconi M., Piangiamore G.M., Romano G., Romano V., Santarelli L., Sapia V., Spadoni S., Tozzi R., Tripaldi S., Siniscalchi A., De Michelis P. & Balasco M.