PALERMO
4-8 Ottobre 2022

IX Italian Young Geomorphologists' day

"The Young researchers' contribution to the geomorphological community"

Sala Lanza | Gymnasium

Orto Botanico, Palermo

6 October 2022 | 14:30 – 18:30

Organizing Committee:
Mauro Bonasera, Ciro Cerrone, Chiara Martinello, Anna Masseroli, Mariacristina Prampolini

Scientific Committee:
Domenico Capolongo, Christian Conoscenti

14:30 – 14:35: Introduction

14:35 – 14:50: Invited lecturer Nicușor Necula
Mapping urban landslides and ground deformation with MT-InSAR tecniques.
Necula N.* & Niculiţă M.

Orals | Conveners: Grazia Azzara & Costanza Morino

14:50 – 15:02: *Reconstructing the evolution of a post-Little Ice Age deglaciated alpine valley through the DEM of Difference technique.*
Azzoni R.S.*, Pelfini M. & Zerboni A.

15:02 – 15:14: *Mapping the spatial-temporal vegetation response to droughts in northern Italy.*
Baronetti A.*, Menichini M. & Provenzale A.

15:14 – 15:26: *On the evolutionary patterns of the large river deltas. Examples from Danube delta and other deltaic systems.*
Berbecariu A.* & Vespremeanu-Stroe A.

15:26 – 15:38: *Reconstructing the Roman Coastal Landscape of Campi Flegrei and its surroundings through a multi-technique and multi-survey approach.*
Caporizzo C.*, Mattei G., Amato L., Cinque A., Pappone G., Sorrentino A., Stocchi P., Troisi S. & Aucelli P.P.P.C.

15:38 – 15:50 *Deglaciation History of Central Italian Alps since Last Glacial Maximum.*
Longhi A.* & Guglielmin M.

15:50 – 16:05: Break

Orals | Conveners: Andrea Brenna & Michele Delchiaro

16:05– 16:17: *Medium-term geomorphological changes along rivers in urban areas: the lower Bisagno and Polcevera Valleys in Genova city (Italy).*
Mandarino A.*, Brandolini P., Terrone M.& Faccini F.

16:17 – 16:29: *Combination of preparatory and triggering factors for the prediction of earthquake-induced landslides: a case study of February 2001 earthquake that occurred in El Salvador (C.A.).*
Mercurio C.*, Martinello C., Argueta-Platero A.A., Azzara G., Rotigliano E. & Conoscenti C.

16:29 – 16:41: *Harnessing the latest technologies in advancing geomorphological studies.*
Muzirafuti A.*, Lanza S., Gregorio F., Cascio M. & Randazzo G.

16:41 – 16:53: *Remote sensing from the Alps to the Antarctic: geomorphic analyses through photogrammetry, thermography and satellite imagery.*
Ponti S.* & Guglielmin M.

16:53 – 17:05: *Video monitoring and Convolutional Neural Networks for the assessment of meteo-marine parameters.*
Scardino G.*, Costa P., Chirivì M., Lucarelli A., Mastronuzzi G. & Scicchitano G.

17:05 – 17:17: *A tool to assess the susceptibility of high coasts: Case studies from Cilento coast (southern Italy).*
Tursi M.F.*, Anfuso G., Mattei G. & Aucelli P.P.C.

17:30 – 18:30 Poster

P1|IYG: *Regional scale coastal erosion vulnerability assessment: application to the Sicilian coastline.*
Azzara G.*, Manno G., Martinello C., Basile M., Mercurio C., Lo Re C., Ciraolo C & Rotigliano E.

P2|IYG: *Geomorphological and glaciological research at the Belvedere Glacier (Mt. Rosa Massif): a 4EU+ Alliance project.*
Baťka J.*, Azzoni R.S., Mehrishi P., Bashir F.A., Tagliaferri A., Kroczek T, Schmidt S., Pandey A., Nüsser M., Pelfini M., Kropáček J., Bollati I.M., Brodský L. & Vilímek V.

P3|IYG: *Hydrological modelling in an intensively used agricultural flat area.*
Bernini A.*, Becker R. & Maerker M.

P4|IYG: *Geomorphological and structural assessment of the coastal area of Capo Faro Promontory, NE Salina (Aeolian Islands, Italy).*
Bonasera M.*, Cerrone C., Caso F., Lanza S., Fubelli G. & Randazzo G.

P5|IYG: *Debris floods and geomorphic response in mountain rivers during high-magnitude hydrological events.*
Brenna A.*, Marchi L., Borga M., Ghinassi M., Zaramella M. & Surian N.

P6|IYG: *Predicting depositional areas of landslides susceptibility comparing four datasets extracted from landslide area: a case of study after rainfall induced landslides by Ida Hurricane in 2009 on Ilopango Lake, El Salvador.*
Calderón-Cucunuba L.P.* & Conoscenti C.

P7|IYG: *The MITIGO Project: preliminary geological and geomorphological contributions to the knowledge of the area between the Bradano and Basento rivers, southern Italy.*
Contillo L.*, Azzilonna V., Corrado G., Giannandrea P. & Schiattarella M.

P8|IYG: *Late Quaternary fluvial terraces along the Tesino River valley (piedmont sector of the Marche Apennines, Italy): geomorphology, chronology, and morphoevolutive implications.*
Iacobucci G.*, Delchiaro M., Zocchi M., Della Seta M., Piacentini D. & Troiani F.

P9|IYG: *Identification and assessment of sediment sources and sediment transfer processes in a Mediterranean Agroecosystem in the Northern Apennines, Italy.*
La Licata M.*, Bosino A., Bettoni M. & Maerker M.

P10|IYG: *Geomorphological survey in Muccia (central Italy): an application of the new geomorphological legend.*
Lampa F.*, Cocca J, Antonetti G., Cifaldi D., Cataldi M., Bovini S., Patrizietti M. & Claudi R.

P11|IYG: *Direct numerical cartography on Quincinetto (TO) landslide system (north-wester Italy) – The application of GOGIRA (Ground Operative-system for GIS Input Remote-data Acquisition) system.*
Licata M.* & Fubelli G.

P12|IYG: *Landslide susceptibility evaluation at regional scale: an integrating approach for using public landslide inventory.*
Martinello C.*, Mercurio C., Cappadonia C., Bellomo V., Conte A., Mineo G., Azzara G. & Rotigliano E.

P13|IYG: *Is the landslide inventory good enough for statistical landslide susceptibility evaluation? A test for studying the effect of incomplete landslide inventory by different statistical methods.*
Martinello C.*, Mercurio C., Cappadonia C., Bellomo V., Conte A., Mineo G., Azzara G. & Rotigliano E.

P14|IYG: *Soil heritage assessment and promotion: the role of soil trails.*
Masseroli A.*, Bollati I.M., Fracasetti L., Pelfini M & Trombino L.

P15|IYG: *Prediction of spatial distribution of landslides generated from rainfalls and earthquakes by using an approach which combines static with seismic parameters: a test in El Salvador (C.A.).*
Mercurio C.*, Martinello C., Argueta-Platero A.A., Azzara G., Conoscenti C.

P16|IYG: *Multi-temporal analysis of mobilization volumes and velocity field of a complex landslide.*
Minervino Amodio A.*, Corrado G. & Gioia D.

P17|IYG: *Using the landform "molard" to identify permafrost degradation and landslide processes at a global scale.*
Morino C.*, Conway S.J., Deline P., Magnin F., Noblet A., Svennevig K., Strom A., Dunning S. & Hermanns R.

P18|IYG: *An up to date benthic habitat map of the Campania Region (Italy).*
Prampolini M.*, Grande V., D'ambrosio P., Di Martino G., Foglini F., Innangi S., Sacchi M, Silvestrini C., Tonielli R. & Fraschetti S.

P19|IYG: *A coastal journey along the western surroundings of Campi Flegrei Caldera between the I century BC and the I century AD.*
Sorrentino A.*, Caporizzo C., Mattei G., Pappone G., Tedesco E., Troisi S. & Aucelli P.P.C.

P20|IYG: *Geographical factors in the study of COVID-19. Does physical geography matters? A review.*
Vandelli V.*, Coratza P., Ghinoi A., Righi E. & Soldati M.