

VIII ITALIAN YOUNG GEOMORPHOLOGISTS' DAYS FINAL PROGRAMME

26th June, 2019

Sala Napoleonica, Palazzo Greppi, Via Sant'Antonio 12

12.00-13.30 ~ REGISTRATION & WELCOME

13.30-14.00 ~ OPENING OF THE CONGRESS

14.00-14.30 ~ Keynote

- ✓ **M. Soldati & M. Della Seta** ~ *The training programme of the International Association of Geomorphologists (IAG): state of the art and perspectives*

14.30-15.30 ~ Glacial and periglacial dynamics ~ Conveners: R.S. Azzoni & A. Zerboni

- ✓ **B. Di Mauro et al.** ~ *Investigating the role of Saharan dust deposition events on the properties of snow in the European Alps*
- ✓ **V. Vandelli et al.** ~ *The pre-LGM climate-related geomorphological processes in the Alta Badia valley (Dolomites, Italy)*
- ✓ **C. Morino et al.** ~ *Molards as indicator of landslide processes and permafrost degradation*
- ✓ **R. Paranunzio et al.** ~ *Predicting the evolution of ice and snow resources at seasonal time scales*

15.30 - 16.15 ~ COFFEE BREAK & FREE POSTER SESSION

16.15-17.15 ~ Geomorphological hazard assessment ~ Conveners: A. Masseroli & M. Fort

- ✓ **G. Amato et al.** ~ *Accounting for covariate distributions in slope-unit-based landslide susceptibility models. A case study in the alpine environment*
- ✓ **A. Quesada-Román et al.** ~ *Relationships between earthquakes, hurricanes and landslides in Costa Rica*
- ✓ **A. Bertone et al.** ~ *Exploiting different satellite radar techniques to investigate interannual and sub-seasonal rock glacier displacement: a case study in Val Senales (Italy)*
- ✓ **E. Giaccione et al.** ~ *Geomorphological map on extended surface: a new approach based on multiple-point geostatistics*

17.15-18.30 ~ POSTER SESSION (short presentations and free discussion)

Conveners: I.M. Bollati & M. Soldati

19.30 ~ "MILANO STYLE" APERICENA (HAPPY HOUR)

FORESTA WOODBAR, Via Celestino IV, 6

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9.00-9.30 ~ Keynote

- ✓ **M. Vacchi** ~ *Postglacial Relative Sea-Level databases from near- to intermediate-field regions. A key tool to quantify the on-going isostatic signal and future sea level rise along global coastlines*

9.30-10.30 ~ Coastal dynamics ~ Conveners: M. Vacchi. & G. Amato

- ✓ **C. Caporizzo et al.** ~ *Coastal morphogenesis in the Campi Flegrei caldera (NW sector): volcano-tectonic vs climatic forcing*
- ✓ **A. Dousseron et al.** ~ *Understanding beach evolution on the short and medium term on the Sinis Peninsula (Western-Mediterranean)*
- ✓ **G. Scicchitano et al.** ~ *Storm coastal flooding assessment during Medicanne Zorbas in south-eastern Sicily*
- ✓ **C. Cerrone et al.** ~ *Late Quaternary raised marine terraces along the Tyrrhenian coast of southern Italy (Calabria-Basilicata Region)*

10.30 - 11.00 ~ COFFEE BREAK & FREE POSTER SESSION

11.00-11.45 ~ Fluvial and Lacustrine dynamics ~ Conveners: G.S. Mariani & M. Materazzi

- ✓ **L. Țuțuianu et al.** ~ *Mid and Late Holocene evolution of Brateș Lake area (Lower Danube floodplain)*
- ✓ **S. Racano et al.** ~ *Temporal and spatial variations in uplift from quantitative fluvial analysis at the Central Anatolian Plateau southern margin*
- ✓ **A. Brenna et al.** ~ *Estimate of coarse material transport in large gravel-bed rivers using the virtual velocity approach and the morphological method*

11.45 - 12.00 ~ CONCLUDING CEREMONY

12.00 - 13.00 ~ LUNCH BREAK

13.00-14.30 ~ Meeting and election of the AIGeo Junior Council & Meeting of the YGs national delegates on "Building the IAG Network of Young Geomorphologists' Groups"

15.00 - 16.00 ~ DEPARTURE TO COURMAYEUR

From Milano Centrale train station

19.00 ~ ESTIMATED ARRIVAL IN COURMAYEUR

21.00 ~ "Speaking of ice and its surroundings, under the stars" - experiences
A public engagement event to discover periglacial geomorphology from the Alps to ... Mars!
by Susan Conway (Université de Nantes, Laboratoire de Planétologie et Géodynamique) and Francesco Casolo (writer and traveller)

28th June, 2019

08.30 – 17.00 ~ FIELDTRIP IN VENNY VALLEY: *Mountain environments dynamics, mapping and monitoring*

17.00 ~ Departure to Milano Centrale train station

20.00 - 21.00 ~ Estimated arrival in Milan



UNIVERSITÀ DEGLI STUDI
DI MILANO
DIPARTIMENTO DI SCIENZE
DELLA TERRA "ARDITO DESIO"



**"Sharing experiences
on geomorphological research
in different morphogenetic and
morphoclimatic environments"**

POSTER SESSION

- ✓ **M. Abballe** ~ *From above to below the surface: a geoarchaeological approach to study the evolution of the lowlands around Ravenna*
- ✓ **L. Alderighi et al.** ~ *Geomorphological mapping as enrichment of cultural heritage: multitemporal data collection of quarry dump deposits of the Apuan Alps*
- ✓ **C. Artoni et al.** ~ *Getting awareness on geomorphological hazard and risk along touristic trails: a pilot study in the Central-Western Italian Alps*
- ✓ **R. S. Azzoni et al.** ~ *Mount Ararat: the forgotten flood*
- ✓ **A. Baronetti et al.** ~ *Extreme drought episodes over Po Plain (Italy): a weekly spatio-temporal distribution analysis in the past and future*
- ✓ **A. Bernatek-Jakiel** ~ *An attempt of semi-automatic detection of pipe collapses*
- ✓ **M. Bonasera et al.** ~ *Preliminary data of a landslide system in North-central Peru*
- ✓ **A. Bosino et al.** ~ *The role of colluvial deposits in gully formation: Example of the upper Mkomazi basin, KwaZulu-Natal, South Africa*
- ✓ **F. Brandolini et al.** ~ *Historical cartography as a geomorphological dataset to assess the human-induced modification on fluvial landscapes*
- ✓ **M. Bufalini et al.** ~ *The significance of recent and short pluviometric time series for the assessment of flood hazard in the context of climate change: examples from some sample basins of the Adriatic Central Italy*
- ✓ **M. Bufalini et al.** ~ *"Trap Efficiency" loss of artificial reservoirs through a direct and indirect evaluation of soil erosion rate in a sample catchment of Central Italy*
 - ✓ **C. Carabella et al.** ~ *Post-wildfire landslide hazard assessment: the case of the 2017 Montagna del Morrone fire (Central Apennines, Italy)*
 - ✓ **R. Cerrato et al.** ~ *Val Saviana, an "Ancient Wood" archive in the heart of the Southern Rhaetian Alps*
 - ✓ **G. Corrado et al.** ~ *The reconstruction of coastal environments in the Garigliano River coastal plain during the Late Pleistocene - Holocene*
 - ✓ **N. De Matteis & D. Giordan** ~ *Characterization of glacier instabilities through image cross-correlation monitoring*
 - ✓ **V. Demurtas et al.** ~ *Deep-seated gravitational slope deformations in Central Sardinia (Western Mediterranean)*
 - ✓ **V. Demurtas et al.** ~ *Morphotectonic evidences in the Eastern Sardinia*



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POSTER SESSION

- ✓ **G. Eberhard et al.** ~ *Detecting erosion induced geomorphic change in small- to medium-sized agricultural catchments (Fugnitz, Austria; Nitra, Slovakia) using Terrestrial Laser Scanning (TLS) and Structure from Motion (SfM) techniques*
- ✓ **P. Fago et al.** ~ *AMS 14C dating on *Cerastoderma glaucum* (Poiret, 1789) for the palaeo-environmental reconstruction of Mar Piccolo basin (Taranto, Southern Italy)*
- ✓ **S. Gennaro et al.** ~ *Quantitative analysis of an accelerated glacial decline in the Gran Paradiso Group since the Little Ice Age (Western Italian Alps)*
- ✓ **A. Golzio et al.** ~ *Micrometeorology and tree recolonization in glacier forelands: Forni Glacier campaign 2017 (Central Italian Alps)*
 - ✓ **N. Gurung et al.** ~ *Bridge construction vs. Natural dynamics of a debris flows prone catchment in Central Nepal*
- ✓ **L. Humer et al.** ~ *Effects of vegetated riparian buffer to agricultural river systems and the role of man-made linear flow strips on lateral sediment input paths in the Fugnitz catchment, Lower Austria*
 - ✓ **D. Khashchevskaya et al.** ~ *Rock-surface dating of slope sediments in Baksan valley (Central Caucasus)*
- ✓ **D. Lobacheva & E. N. Badyukova** ~ *Morphology features of Baer knolls in Volga Delta*
- ✓ **D. Macrini et al.** ~ *Characterization of active gravitational processes in the Fosso del Gallo Basin (Abruzzo, Italy)*
 - ✓ **R. K. Mahato et al.** ~ *Assessment of climate change over water resource of Sapt Kosi River Basin: verification through dendrochronological technique on the hydrological discharge pattern*
- ✓ **A. Mandarino et al.** ~ *From lateral migration to (in)stability: channel planform changes and riverine areas evolution along the lower Scrivia River*
- ✓ **A. Marcolla et al.** ~ *Prograding and incision mechanisms of the Venetian plain's megafans (NE Italy) in relation to the Late Quaternary climatic fluctuations*
 - ✓ **G. S. Mariani et al.** ~ *Interpreting the landscape in time: the Adige River glacial amphitheatre since the Last Glacial Maximum*
- ✓ **A. Masseroli et al.** ~ *Soils as useful tool to reconstruct environmental and landscape evolution: the Monte Cusna study case (Northern Apennines)*
- ✓ **V. Menna et al.** ~ *Morphostructural, meteorological and seismic factors controlling landslides in NE-Abruzzo piedmont: the case studies of Castelnuovo and Ponzano (Teramo, Central Italy)*



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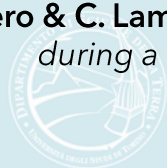
ITALIAN YOUNG
GEOMORPHOLOGISTS'
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POSTER SESSION

- ✓ **V. C. Mucivuna et al.** ~ *Comparative analysis of the Geossit Platform (Brazil) and specific methods for the assessment of geomorphological heritage*
- ✓ **N. Necula et al.** ~ *Investigation of landslide mechanism exploiting PSI techniques and numerical models*
- ✓ **G. Paglia et al.** ~ *Paleo-drainage network, morphotectonics, and fluvial terraces: clues from the Verde Stream in the middle Sangro River (Central Italy)*
- ✓ **C. Parenti et al.** ~ *Closed depressions in Kotido Crater, Arabia Terra: possible evidence of evaporite dissolution-induced sinkholes*
- ✓ **I. G. Răchită et al.** ~ *Dendrogeomorphic investigation of snow avalanche activity in high mountain environments. case study: Buhăescu Valley, Rodna Mountains (Eastern Carpathians, Romania)*
- ✓ **L. Ronchi** ~ *Geomorphological and paleoenvironmental evolution of a buried post-LGM incised valley in the Friulian Plain*
- ✓ **M. Rossini et al.** ~ *Geomorphological mapping of glacial and pro-glacial environments with repeated UAV photogrammetry*
- ✓ **G. Scardino et al.** ~ *Coastal flooding empirical model for storm event impact*
- ✓ **L. Selmi et al.** ~ *Assessment of geomorphosites as a tool for geoconservation and tourism promotion, Northern Malta*
- ✓ **A. Semochkina et al.** ~ *Sediment budget of small catchments in agricultural areas within the Seim River Basin*
- ✓ **E. Sessa et al.** ~ *Micromorphological analysis of Arma degli Zerbi cave deposits (Finale Ligure, SV)*
- ✓ **G. Tronti et al.** ~ *Landslides effect on geomorphological, catchment and ecological features in the "Monte Rufeno" Nature Reserve (Vt, Italy)*
- ✓ **C. Viani et al.** ~ *Links among rock thermal properties, climatic data and geomorphological processes in a high-elevation instrumented site (W-Alps, Italy)*
- ✓ **S. Vivero & C. Lambiel** ~ *Monitoring the rapid evolution of a rock glacier during a crisis phase in the Valais Alps with UAV surveys*



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