

## DICHIARAZIONE ASSENZA PROCEDIMENTI DISCIPLINARI E PENALI

Il sottoscritto Sabatino Cuomo, nato a Salerno il 18/03/1978, codice fiscale CMUSTN78C18H703D con riferimento all'incarico di CONSIGLIERE (aggiungere eventuale carica) dell'Ordine degli Ingegneri della Provincia di Salerno,

- ai sensi degli articoli 46 e 47 del D.P.R. n. 445/2000 e consapevole delle sanzioni penali per dichiarazioni mendaci, falsità in atti ed uso di atti falsi ai sensi dell'art. 76 del citato D.P.R. n. 445/2000, sotto la propria responsabilità,

### DICHIARA

- l'assenza negli ultimi 5 anni di procedimenti contabili, penali, amministrativi, a proprio carico;
- l'assenza di notizie circostanziate (stampa/internet) relative a illeciti imputati a proprio carico;
- l'assenza di procedimenti disciplinare a proprio carico.

### INOLTRE DICHIARA

- di impegnarsi a comunicare tempestivamente l'eventuale sopravvenire delle sopraccitate circostanze, dandone immediato avviso (entro 7 giorni lavorativi) all'Ordine degli Ingegneri della Provincia di Salerno

Sede, 29/06/2022

Firma



## DICHIARAZIONE INSUSSISTENZA CAUSE DI INCOMPATIBILITA'

ai sensi art. 20 D.L.gs. 8/4/2013 n. 39

Il sottoscritto Sabatino Cuomo, nato a Salerno il 18/03/1978, codice fiscale CMUSTN78C18H703D con riferimento all'incarico di CONSIGLIERE (aggiungere eventuale carica) dell'Ordine degli Ingegneri della Provincia di Salerno,

con riferimento all'incarico di CONSIGLIERE (aggiungere eventuale carica) dell'Ordine degli Ingegneri della Provincia di Salerno,

- Ai sensi dell'art. 20 del D.Lgs. 08/04/2013 n. 39 "Disposizioni in materia di inconfiribilità e incompatibilità di incarichi presso le pubbliche amministrazioni e presso gli enti privati in controllo pubblico, a norma dell'art. 1, commi 49 e 50, della legge 6 novembre 2012 n. 190";
- Ai sensi degli articoli 46 e 47 del D.P.R. n. 445/2000 e consapevole delle sanzioni penali per dichiarazioni mendaci, falsità in atti ed uso di atti falsi ai sensi dell'art. 76 del citato D.P.R. n. 445/2000, sotto la propria responsabilità,

### DICHIARA

di non trovarsi in alcuna delle situazioni di incompatibilità di incarichi di cui agli artt. 9, 11, 12, 13 del D.Lgs. n. 39/2013

### INOLTRE DICHIARA

- Di impegnarsi a comunicare tempestivamente il sopravvenire di cause di incompatibilità di cui al D.Lgs. n. 39/2013, dandone immediato avviso all'Ordine degli Ingegneri della Provincia di Salerno;
- Di essere consapevole che ogni dichiarazione mendace, accertata dall'Amministrazione, comporta la decadenza dell'incarico, decorso il termine di 15 giorni dalla contestazione all'interessato, nonché l'inconfiribilità di qualsivoglia incarico, di cui al D.Lgs. n. 39/2013, per un periodo di 5 anni, nonché ogni altra conseguenza prevista dall'art. 76, comma 1 del citato D.P.R. n. 445/2000,
- Di essere informato che la presente dichiarazione sarà pubblicata nella sezione Amministrazione Trasparente del sito istituzionale dell'Ordine degli Ingegneri della Provincia di Salerno.

Sede, 29/06/2022

Firma



## **DICHIARAZIONE INSUSSISTENZA CAUSE DI INCONFERIBILITA'**

ai sensi art. 20 D.L.gs. 8/4/2013 n. 39

Il sottoscritto Sabatino Cuomo, nato a Salerno il 18/03/1978, codice fiscale CMUSTN78C18H703D con riferimento all'incarico di CONSIGLIERE (aggiungere eventuale carica) dell'Ordine degli Ingegneri della Provincia di Salerno,

- Ai sensi dell'art. 20 del D.Lgs. 08/04/2013 n. 39 "Disposizioni in materia di inconferibilità e incompatibilità di incarichi presso le pubbliche amministrazioni e presso gli enti privati in controllo pubblico, a norma dell'art. 1, commi 49 e 50, della legge 6 novembre 2012 n. 190";
- Ai sensi degli articoli 46 e 47 del D.P.R. n. 445/2000 e consapevole delle sanzioni penali per dichiarazioni mendaci, falsità in atti ed uso di atti falsi ai sensi dell'art. 76 del citato D.P.R. n. 445/2000, sotto la propria responsabilità,

### **DICHIARA**

che non ricorre alcuna delle cause di inconferibilità di cui di cui agli artt. 3, 4, 7 del D.Lgs. n. 39/2013

### **INOLTRE DICHIARA**

- Di impegnarsi a comunicare tempestivamente il sopravvenire di cause di inconferibilità di cui al D.L.gs. n. 39/2013, dandone immediato avviso all'Ordine degli Ingegneri della Provincia di Salerno;
- Di essere consapevole che ogni dichiarazione mendace, accertata dall'Amministrazione, comporta la decadenza dell'incarico, decorso il termine di 15 giorni dalla contestazione all'interessato, nonché l'inconferibilità di qualsivoglia incarico, di cui al D.Lgs. n. 39/2013, per un periodo di 5 anni, nonché ogni altra conseguenza prevista dall'art. 76, comma 1 del citato D.P.R. n. 445/2000;
- Di essere informato che la presente dichiarazione sarà pubblicata nella sezione Amministrazione Trasparente del sito istituzionale dell'Ordine degli Ingegneri della Provincia di Salerno.

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## **Curriculum vitae**

Il sottoscritto Sabatino Cuomo, nato a Salerno il 18/03/1978, codice fiscale CMUSTN78C18H703D

autorizza la pubblicazione del proprio curriculum vitae (allegato) nell'area dedicata del sito Amministrazione Trasparente [www.ordineingsa.it](http://www.ordineingsa.it)

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### *Trattamento dei dati*

*I dati oggetto della presente autorizzazione verranno trattati tramite il web site dell'Ordine degli Ingegneri della Provincia di Salerno e utilizzati esclusivamente ai fini degli adempimenti ex D.Lgs. n.33/2013 in materia di trasparenza e ai sensi del Regolamento UE 2016/679 (GDPR).*

*Allegato: CV con foto a colori e omissione dei dati sensibili\**

*\*Città di nascita*

*Data di nascita completa*

*Indirizzo completo di casa*

*Codice fiscale*

*Dati bancari e finanziari*

## Sabatino CUOMO

*Professor of Geotechnics  
Department of Civil Engineering  
University of Salerno (Italy)*



### EDUCATION

- **2006**, PhD in Civil Environmental Engineering, at University of Salerno
- **2002**, Master Degree in Civil Engineering with honors and special mention, at University of Salerno

### RESEARCH TOPICS

- Landslide Mechanisms
- Solid-fluid transition
- Landslide Dynamics
- Regional slope stability
- Slope erosion
- Geosynthetics reinforcement
- Laboratory testing
- Constitutive Modelling

### PUBLICATIONS

- **170+ publications** (100+ international)
- 88 Scopus-indexed papers to date
- 46 papers in peer-reviewed international ISI Journals
- SCOPUS citations: 1768 citations by 1042 documents
- H-index: 19
- [www.scopus.com/authid/detail.uri?authorId=23049080900](http://www.scopus.com/authid/detail.uri?authorId=23049080900)

### INTERNATIONAL RESEARCH PROJECTS

- Project “From grain to specimen scale laboratory soil testing towards sustainable mitigation works against flow-like landslides”, funded by TEC21 Laboratoire d'Excellence (Consortium of Université de Grenoble, Université Joseph Fourier, Grenoble Institute of Technology, CNRS, IRSTEA, and AGEFPI), Coordinator: S. Cuomo, Research group: B. Chareyre, S. Cuomo, V. Foresta, S. Salager, M. Moscariello, **since 2017**
- Project “Wetting Tests for Differently Graded Unsaturated Volcanic Soils” (Coordinator: S. Cuomo, Research group: P. Chauhan, Prof. S. Salager, M. Moscariello), **since 2017**
- Project “Modelling of fast landslides propagation and river damming in South-West China” (Coordinator: S. Cuomo, Research group: A. Braun, X. Wang, Prof. L. Zhang, S. Petrosino), in cooperation with the Institute of Geology and Geophysics, Chinese Academy of Sciences (Cina), **since 2016**
- Project “Laboratory testing of unsaturated flysch from Croatia” (Coordinator: S. Cuomo, Research group: J. Peranic, Prof. Z. Arbanas, M. Moscariello, V. Foresta), **since 2016**
- Project “Laboratory testing of volcanic ashes of Cordón Caulle volcano (Chile) and related natural hazards” (Coordinator: S. Cuomo, Research group: V. Bauman, Prof. C. Bonadonna, M. Moscariello), **since 2016**
- Project G15-110 “Soil mechanical behaviour from grain to specimen scale laboratory testing: towards new sustainable mitigation works against flow-like landslides and similar phenomena related to climate change”, Coordinator: S. Cuomo, Research group: B. Chareyre, S. Cuomo, V. Foresta, S. Salager, M. Moscariello, in cooperation with Université Grenoble Alpes (France), **2016**
- EU project "SafeLand-Living with landslide risk in Europe: Assessment, effects of global change, and risk management strategies" (FP7-ENV-2008-1) (Coord.: Prof. Farrokh Nadim), **2009 - 2012**
- Integrated Action Italy-Spain 2009 (funded by the Ministry of University and Research) "Advanced numerical modelling of highly destructive landslides" (Coordinators: Prof. L. Cascini, Prof. M.

- Pastor), **2009 - 2011**
- International research project at Universidad Rey Juan Carlos, Madrid (Gatarvisa 2005-2009) about the algorithms, techniques and application of virtual reality and advanced simulation with special reference to natural hazards (Coordinator: Prof. L. Pastor), in **2007**
- International research projects in cooperation with the CEDEX of Madrid (Andes 2001-2005, Andros 2006-2009, Descartes 2003-2006, Modelad 2007-2009) about the numerical modelling of natural hazards in volcanic soils (Coordinator: Prof. M. Pastor), in **2004, 2005 and 2006**

## INTERNATIONAL COOPERATION

- **CEDEX** (Centro de Estudio y Experimentacion de Obras Publicas), Madrid (Spain)
- **NTNU**, Norwegian University of Science and Technology, Trondheim (Norway)
- **UGA**, Université Grenoble Alpes, Lab. 3S-R, Grenoble (France)
- **UNIGE**, University of Geneve, Dept. of Earth Science (Switzerland)
- **UniRi**, University of Rijeka, Dept. of Eng., Rijeka (Croatia)
- **UPM**, Universidad Politecnica de Madrid, Dept. of Applied Mathematics, Madrid (Spain)

## KEYNOTE LECTURES

- “Flow-like landslide mechanisms and modeling: filling the gap between hydraulic and geotechnical engineering” at **Schrefler International Symposium: Geomechanics and Applications for Sustainable Development**, Cyprus, **23- 25 October 2019**
- “SPH propagation modeling of debris avalanches along (engineered) slopes” Special Lecture at **2<sup>nd</sup> JTC1 Workshop** (Joint Technical Committee on Natural Slopes and Landslides of Federation of International Geo-engineering Societies (FedIGS), Hong Kong (China), **3-5 December 2018**

## INVITED LECTURES

- “Modelling of flowslides and debris avalanches in natural or engineered slopes” at **UNESCO Chair Field School on Geoenvironmental Disaster Reduction**, Matsue (Japan), **14-18 March 2019**
- “Modeling of landslides propagation and landslide dam formation” at the **28<sup>th</sup> ALERT Workshop Geomaterials 2017**, organized by ALERT Geomaterials (The Alliance of Laboratories in Europe for Education, Research and Technology) in Aussois (France), **2 - 4 October 2017**
- “Numerical modeling of debris flows and debris avalanches” at **15<sup>th</sup> ISGdR “International Consortium on Geo-disasters Reduction”**, organized by the Research Center on Natural Disaster Reduction, held at the Universities of Matsue and Kyoto (Japan), **25 - 30 August 2017**
- “New advances and challenges for numerical modeling of landslides of the flow type” at the **International Workshop “Hydrological response of slopes through physical experiments, field monitoring and mathematical”** organized by Second University of Napoli and University of Naples Federico II, in Naples (Italy) **23-24 October 2013**
- “New advances for modelling debris flows and debris avalanches” at the **24<sup>th</sup> ALERT Workshop 2013**, organized by ALERT Geomaterials (The Alliance of Laboratories in Europe for Education, Research and Technology) in Aussois (France), **30 September - 2 October 2013**
- “Modelling the post-failure stage for rainfall-induced landslides of the flow-type” **22<sup>nd</sup> ALERT Workshop 2011**, organized by ALERT Geomaterials (The Alliance of Laboratories in Europe for Education, Research and Technology) in Aussois (France), **3 - 5 October 2011**
- “Relevance of hydro-mechanical coupled approach for geotechnical boundary value problems” at the **20<sup>th</sup> ALERT Workshop 2009**, organized by ALERT Geomaterials (The Alliance of Laboratories in Europe for Education, Research and Technology) in Aussois (France), **12-14 October 2009**

## SCIENTIFIC COMMITTEES

- **5<sup>th</sup> WLF (World Landslide Forum)**, organized by the International Consortium on Landslides (ICL), scheduled in Kyoto (Japan) in November **2020**
- **8<sup>th</sup> Geotechnical Symposium** organized by The Union of Chambers of Turkish Engineers and Architects (UCTEA) Turkish Chamber Of Civil Engineers Istanbul Chapter and Turkish Society of Soil Mechanics and Geotechnical Engineering, Istanbul (Turkey) in November **2019**
- **4<sup>th</sup> WLF (World Landslide Forum)**, organized by the International Consortium on Landslides (ICL), held in Ljubljana (Slovenia) in June **2017**
- **Geosynthetics 2017** (First International Conference on Technology and Application of

- Geosynthetics), held in Santiago (Chile) in October **2017**
- **6<sup>th</sup> European Geosynthetics Congress** organized by the International Geosynthetics Society (IGS–Turkish Chapter), held in Ljubljana (Slovenia) in September **2016**
- **LARAM Workshop** for Italian and foreign researchers, held yearly **from 2006 to 2014**

#### TECHNICAL COMMITTEES

- Member of the International **Technical Committee Stabilization of IGS (International Geosynthetics Society)**, since **2018**
- Board Officer for the **Italian Chapter of IGS**, since **2015**
- **Technical Committee CEN/TC 189/WG 01** "Geotextiles and geotextile-related products. General and specific requirements" del CEN (European Committee for Standardization), since **2016**
- Member of the International Technical Committee **ISO/TC221/WG6** "Design using geosynthetics" of ISO (International Organization for Standardization), since **2015**
- Member of the Italian Technical Committee **UNI/CT021/SC07** "Progettazione Geotecnica" of UNI (Ente Italiano di Normazione), since **2015**
- Member of the Italian Technical Committee **UNI/CT012/GL03** "Geosintetici" of UNI (Ente Italiano di Normazione), since **2015**
- European Member of **Young Presidential Group of ISSMGE** (International Society of Soil Mechanics and Geotechnical Engineering), **2013 - 2015**
- Italian Corresponding Member of **Student and Young Members Presidential Group** of the ISSMGE (International Society of Soil Mechanics and Geotechnical Engineering), **2009 - 2012**
- **LARAM School** (International School on "LAndslide Risk Assessment and Mitigation) for PhD students held yearly, since **2006**

#### AWARDS

- **Editor Choice Best Paper** 2013 Canadian Geotechnical Journal. Cascini L., Cuomo S., Pastor M., Sacco C. (2013). Modelling the post-failure stage of rainfall-induced landslides of the flow-type. Canadian Geotechnical Journal. 50(9): 924-934, **2013**
- **European Representative** of YMPG (Young Members Presidential Group) of the ISSMGE (International Society of Soil Mechanics and Geotechnical Engineering), **2012**
- **Italian Corresponding Member** of SYMPG (Student and Young Members Presidential Group) of the ISSMGE, **2009**
- **Italian Delegate** of the Italian Geotechnical Society (Associazione Geotecnica Italiana) to the XVII European Young Geotechnical Engineering Conference, 20-22 July 2006, Zagreb, **2006**
- **5<sup>th</sup> Sapio Prize** by the Italian Geotechnical Society for the best M.Sc. Thesis during the years 2000-2002, **2004**
- **Prize for the excellence** of the undergraduate studies and final grade, assigned by the Faculty of Engineering of the University of Salerno, **2004**

#### EDITORIAL BOARDS

- Computer and Geotechnics (ISSN: 0266-352X), Elsevier, since **2020**
- Canadian Geotechnical Journal (ISSN: 0008-3674), NRC Research Press, since **2019**
- Soils and Foundations (ISSN: 0038-0806), Elsevier, since **2018**
- ICE Journal of Geotechnical Engineering (ISSN: 1353-2618), Thomas Telford, since **2018**
- Bulletin of Engineering Geology and the Environment (ISSN: 1435-9529), Springer, since **2018**
- Journal of Sustainable Forestry (ISSN: 1054-9811), Taylor & Francis Online, since **2018**
- Big Data and Cloud Innovation (ISSN: 2529-7805), Whioce Publishing Pte. Ltd., since **2018**
- Int. Journal of Geosynthetics and Ground Engineering (ISSN: 2199-9260), Springer, since **2017**
- Geoenvironmental Disasters (ISSN: 2197-8670), Springer Open, since **2016**
- Journal of Mountain Science (ISSN: 1672-6316), China Science Press & Springer, since **2014**

#### PEER-REVIEW

- Reviewer for Engineering Geology, ASCE's Journal of Geotechnical and Geoenvironmental Engineering, Italian Geotechnical Journal, Canadian Geotechnical Journal, Soils and Foundations, Landslides, Acta Geotechnica, Geomorphology, Géotechnique, Géotechnique Letters, Natural

Hazards and Earth System Sciences Journal, International Journal of Numerical Methods for Heat and Fluid Flow, European Journal of Environmental and Civil Engineering, Bulletin of Engineering Geology and the Environment, Hydrological Processes, Composite B, Journal of Mountain Science, Rock Engineering Journal, Remote Sensing Open Access, Mechanics Research Communications Elsevier, International Soil and Water Conservation Research, Arabian Journal of Geosciences, Geophysical Journal International, Geomechanics and Engineering An International Journal, Journal of Zhejiang University-SCIENCE A, Scientific Research and Essays, The Egyptian Journal of Remote Sensing and Space Sciences, International Journal of Geo-Information, Geoscientific Model Development Discussions Open Access.

#### VISITING PROFESSOR

- UNESCO Chair Field School on Geoenvironmental Disaster Reduction, Matsue (Japan), March **2019**
- Université Grenoble Alpes (France), Jan-Feb **2018**
- Université Grenoble Alpes (France), Sep-Oct **2017**

#### INTERNATIONAL TEACHING

- **8<sup>th</sup> Olek Zienkiewicz Course** “Geomechanics of Landslides” organized by ALERT Geomaterials, 5-9 September **2016**.
- Invited teaching about “Slope stability” (1 week) at University of Rijeka (Croatia), in **2016**
- Invited teaching about “Slope stability” (1 week) at Norwegian University of Science and Technology, Trondheim (Norway), in **2016**
- **LARAM Academic Trip in China 2015**, at the Tongji University (Shanghai), Institute of Geology and Geophysics e Chinese Academy of Sciences (Beijing), China University of Geoscience (Wuhan), Chang’an University e Xi’an Institute of Geology and Geophysics (Xi’an), State Key Laboratory of Geohazard Prevention and Geoenvironment Protection of Chengdu University of Technology (Chengdu), 3-16 September **2015**
- Invited teaching about “Slope stability” (1 week) at Institut Politechnique de Grenoble and Université Grenoble Alpes(France), in **2010, 2011, 2013, 2014, 2015**
- Invited teaching about “Slope stability” (1 week) at Universidad Politecnica de Madrid, Spain (2011, 2013, 2014),
- **2<sup>nd</sup> LARAM-Asia Course**, at State Key Laboratory of Geohazard Prevention and Geoenvironment Protection of Chengdu University of Technology (Chengdu, Cina), 10-25 November **2012**
- **1<sup>st</sup> LARAM-Asia Course**, at State Key Laboratory of Geohazard Prevention and Geoenvironment Protection of Chengdu University of Technology (Chengdu, Cina), 21 November – 2 December **2011**

#### NATIONAL RESEARCH PROJECTS

- Project FARB “Numerical modelling and inverse analysis for flow-like landslides”, **2017**
- Project FARB “Multiscale analysis of the mechanical behaviour of unsaturated soils”, **2016**
- Project FARB “Laboratory testing and constitutive modelling of unsaturated soils”, **2015**
- Project FARB “Large area analysis of triggering and propagation landslide susceptibility for flow-like landslides”, **2014**
- Project PRIN 2010-2011 “Landslide risk mitigation through sustainable countermeasures” (Coordinator: Prof. L. Cascini), **2012 - 2014**
- Project FARB “Geotechnical multiscale analysis of soil erosion induced by intense rainfall”, **2013**
- Project FARB “New Frontiers of advanced numerical simulation of destructive landslides”, **2012**
- Project PRIN 2007-2009 "Analysis and zoning of susceptibility and hazard of the landslides triggered by extreme events (rainfall and earthquake)" (Coordinator: Prof. L. Cascini), **2008 - 2010**
- Strategic Project (M.I.U.R - Legge 449/97 - PROGETTO SP3) "Triggering and reactivation of landslides and mitigation measures" (Coordinator: Prof. L. Cascini), in **2002 and 2006**
- Landslide Risk research activities of the Centre of Excellence (M.I.U.R. - University of Salerno) on "Hydrogeological Risk: Forecasting and Prevention over large areas" (Coordinator: Prof. L. Cascini), in **2004**
- Project MURST 60% "Geotechnical modelling of landslides" (Coordinator: Prof. L. Cascini), in **2003, 2004, 2005, 2006, 2007 and 2008**



## INSTITUTIONAL ACTIVITIES

- President of Post-Graduate Commission at Dept. of Civil Engineering @ Univ of Salerno, **since 2020**
- Board member of Dept. of Civil Engineering of University of Salerno, **since 2015**
- Board member of Engineering Faculty of University of Salerno, **2015-2017**
- Component of “Research and PhD Commission” of Dept. of Civil Engineering of University of Salerno, **2013 - 2015**
- Secretary for the PhD Course in “Civil Environmental Engineering” at Dept. of Civil Engineering of University of Salerno, **2010 - 2015**
- Teaching the Course “Slope Stability” (60 hours) at University of Salerno, **since 2013**
- Board member of PhD Course in “Civil Environmental Engineering” at Dept. of Civil Engineering of University of Salerno, **since 2008**
- Teaching the Course “Fundamentals of Geotechnics” (60 hours) at University of Salerno, **since 2008**
- Support to teaching activities in the Course of “Geotechnics” (120 hours) at University of Salerno, **2002 - 2012**

## International Journals

1. Di Perna, A., Cuomo, S., Martinelli, M. (2022). Empirical formulation for debris flow impact and energy release. **Geoenvironmental Disasters**, 9(1), 1-17.
2. Cuomo, S., Di Perna, A., Martinelli, M. (2021). Modelling the spatio-temporal evolution of a rainfall-induced retrogressive landslide in an unsaturated slope. **Engineering Geology**, 294, 106371.
3. Cuomo, S., Masi, E. B., Tofani, V., Moscariello, M., Rossi, G., & Matano, F. (2021). Multiseasonal probabilistic slope stability analysis of a large area of unsaturated pyroclastic soils. **Landslides**, 18(4), 1259-1274.
4. Baumann, V., Bonadonna, C., Cuomo, S., Moscariello, M., Biass, S., Pistolesi, M., Gattuso, A. (2021). Lahar Risk Assessment on Vulcano Island, Italy. **Journal of Applied Volcanology**, 10(1), 1-23.
5. Cuomo, S., Di Perna, A., Martinelli, M. (2021). Material point method (MPM) hydro-mechanical modelling of flows impacting rigid walls. **Canadian Geotechnical Journal**, 58(11), 1730-1743.
6. Gragnano, C.G., Moscariello, M., Cuomo, S., Rocchi, I., Gottardi, G. (2021). Integrating laboratory testing and field monitoring for the stability analysis of partially saturated river embankments. **Italian Geotechnical Journal**, 55(2), 35–54.
7. Baumann, V., Bonadonna, C., Cuomo, S., Moscariello, M. (2020). Modelling of erosion processes associated with rainfall-triggered lahars following the 2011 Cordon Caulle eruption (Chile). **Journal of Volcanology and Geothermal Research**, 390, 106727, 1-14, <https://doi.org/10.1016/j.jvolgeores.2019.106727>.
8. Capobianco, V., Cascini, L., Cuomo, S., Foresta, V. (2020). Wetting-Drying Response of an Unsaturated Pyroclastic Soil Vegetated with Long-Root Grass. **Environmental Geotechnics**, 1-18. <https://doi.org/10.1680/jenge.19.00207>.
9. Cascini, L., Calvello, M., Cuomo, S., Peduto, D., Moscariello, M., Nicodemo, G., Pecoraro, G. (2020). LARAM School 2020 goes online: the 15th doctoral school on “LAndslide Risk Assessment and Mitigation”, **Landslides**, 17, 1997-1999. <https://doi.org/10.1007/s10346-020-01456-w>.
10. Cascini, L., Cuomo, S., Pastor, M., Rendina, I. (2020). Modelling of debris flows and flash floods propagation: a case study from Italian Alps. **European Journal of Environmental and Civil Engineering**, 1-24. <https://doi.org/10.1080/19648189.2020.1756418>.
11. Cuomo, S. (2020). Modelling of flowslides and debris avalanches in natural and engineered slopes: a review. **Geoenvironmental Disasters**, 7(1),1-25. <https://doi.org/10.1186/s40677-019-0133-9>.
12. Cuomo, S., Masi, E.B., Tofani, V., Moscariello, M., Rossi, G., Matano, F. (2020). Multi-seasonal probabilistic slope stability analysis in a large area of unsaturated pyroclastic soils. **Landslides**, 1-16, <http://dx.doi.org/10.1007/s10346-020-01561-w>
13. Cuomo, S., Moretti, S., D’Amico, A., Frigo, L., Aversa, S. (2020). Modeling of geosynthetic-reinforced barriers under the dynamic impact of debris avalanches. **Geosynthetics International**, 27(1), 65-78, <https://doi.org/10.1680/jgein.19.00056>.
14. Cuomo, S., Moretti, S., Frigo, L., & Aversa, S. (2020). Deformation mechanisms of deformable geosynthetics-reinforced barriers (DGRB) impacted by debris avalanches. **Bulletin of Engineering Geology and the Environment**, 2, 659-672, <https://doi.org/10.1007/s10064-019-01589-w>.
15. Peranić, J., Moscariello, M., Cuomo, S., & Arbanas, Ž. (2020). Hydro-mechanical properties of unsaturated residual soil from a flysch rock mass. **Engineering Geology**, 269, 105546, 1-12, <https://doi.org/10.1016/j.enggeo.2020.105546>.

16. Baumann, V., Bonadonna, C., Cuomo, S., Moscariello, M., Biass, S., Pistolesi, M., Gattuso, A. (2019). Mapping the susceptibility of rain-triggered lahars at Vulcano island (Italy) combining field characterization, geotechnical analysis, and numerical modelling. **Natural Hazards and Earth System Sciences**, 19(11), 2421-2449, <https://doi.org/10.5194/nhess-19-2421-2019>.
17. Cascini, L., Calvello, M., Cuomo, S., Jaboyedoff, M., & Peduto, D. (2019). LARAM School 2019: the yearly doctoral school on "LAndslide Risk Assessment and Mitigation. **Landslides**, 16, 1419–1421 <https://doi.org/10.1007/s10346-019-01193-9>.
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2022, June

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