

Mauro SOLDATI - CV

Geologist specialised in Geomorphology, he is currently Full Professor at the Department of Chemical and Geological Sciences (DSCG) of the University of Modena and Reggio Emilia (UNIMORE) and lecturer of 'Geomorphology and climate changes' and 'Georisks and civil protection' and 'Ecology and global changes'.

ACADEMIC CAREER

- Since 16/08/1990: Researcher at the University of Modena (UNIMO)
- From 01/11/2000 to 31/10/2017: Associate Professor at UNIMORE (GEO/04 – Physical Geography and Geomorphology)
- Since 19/12/2013: National Scientific Habilitation for Full Professorship (04/A3 – Engineering Geology, Physical Geography and Geomorphology)
- Since 01/11/2017: Full Professor at UNIMORE (GEO/04 – Physical Geography and Geomorphology)

MAIN RESPONSIBILITIES AND COMMITMENTS

- President of the International Association of Geomorphologists (IAG) for the term 2017-2022
- Council Member of 'Deep-time Digital Earth' (DDE) – IUGS Big Science Program, since 2019
- Member of the Academic Senate at UNIMORE for the terms 2018-2021 and 2021-2024
- Vice-Director of the Department of Chemical and Geological Sciences 2022-2024
- Director of the Specialization Course on Territorial, Environmental and Health Emergencies at UNIMORE 2016-2017, 2018-2019
- President of the Bachelor and Master Degrees of Geological Sciences at UNIMORE for the term 2015-16, 2016-17, 2017-2018
- Member of the Executive Committee of the Associazione Italiana di Geografia Fisica e Geomorfologia (AIGeo), 2012-2015, 2015-2018, 2023-2025
- Corresponding Member of the Accademia Nazionale di Scienze, Lettere e Arti di Modena since 2016

Further commitments at UNIMORE

- President of the Commission for Internationalization of the Academic Senate
- Council Member of CRICT - Centro Interdipartimentale di Ricerca e per i servizi nel settore delle Costruzioni e del Territorio
- Delegate of DSCG for Internationalization between 2015 and 2021
- Delegate of DSCG for Sustainability within the board of Unimore Sostenibile
- Delegate of DSCG for Sport
- ERASMUS+ Coordinator of 6 bilateral agreements with European Universities
- Responsible scientist of international agreements (listed by MIUR) with Universidad de Cantabria, University of Malta, Universidad de Zaragoza and Romanian Academy.

SCIENTIFIC ACTIVITY

He has carried out a long-standing research activity in the field of theoretical and applied geomorphology, with special attention to geomorphological survey and mapping, slope instability and climate change, landslide risk and geoheritage. The research has mainly been carried out in the Italian Dolomites, Northern Apennines and Maltese Islands, and secondarily in Greece, Spain and Svalbard.

The research outputs show a strong international involvement thanks to the participation in a series of projects funded by the European Commission and the Council of Europe, often with leading roles.

At a national level, he was National Scientific Coordinator of a PRIN-COFIN 2002 Project and Unit Responsible of a PRIN 2010-11 Project. He has also been scientific responsible of several contracts with public institutions.

The research outputs were presented in about 60 national and international conferences and

reported in more than 200 publications (92 listed on Scopus). The experience achieved in different research fields enabled also the publication of a series of chapters on Italian and foreign textbooks, volumes and encyclopedias.

Project coordination

- 2001-2004: Contractor of the ALARM Project (Assessment of landslide risk and mitigation in mountain areas) within the frame of the ENVIRONMENT AND SUSTAINABLE DEVELOPMENT Programme of the European Commission. The research of the Modena Unit was aiming at the mitigation of landslide hazard in an area of the Dolomites (Badia Valley).
- 2002-2003; National Coordinator (PI) of a MIUR Project on the "Geomorphological evolution of slopes and climate changes: landslide analysis and paleoclimatic reconstructions" (PRIN-COFIN 2002). The project focused on the relationships between slope instability processes and Late Pleistocene and Holocene climatic changes in Alpine and Apennine areas. Investigations were carried out in the areas of Cortina d'Ampezzo and Upper Badia Valley (Dolomites).
- 2006-07: Responsible of an Integrated Action Italy-Spain funded by MUR that foresaw research aiming at the assessment of geomorphological hazards in tourist mountain areas of the Dolomites and of the Pyrenees. The Spanish partner was the University of Zaragoza.
- 2009-11: Sub-contractor of the Politecnico di Milano within the ENSURE Project (Enhancing resilience of communities and territories facing natural and na-tech hazards) of the VII Framework Programme of the European Commission. The research was focused on landslide risk in the Dolomites with special attention to vulnerability and resilience issues.
- 2009-11: Coordinator of a two-year internationalization project funded by the Fondazione Cassa di Risparmio di Modena with focus on the island of Malta; the project foresaw the mobility and training on coastal landslides of young researchers from the University of Modena and Reggio Emilia, the National Research Council of Padua, the Universidad de Cantabria (Spain) and the University of Malta.
- 2012-2014: Scientific responsible of the UNIMORE Unit within the PRIN 2010-11 Project "Dynamics of morphoclimatic systems as a response of global changes and induced geomorphological risks" funded by MIUR.
- 2016-17: Scientific responsible of the UNIMORE Unit in the project 'Late-glacial and present landscape evolution following deglaciation in a climate-sensitive High Arctic region', focusing on Svalbard and funded by The Research Council of Norway.
- From 2009 to date he has been Responsible of the following research projects funded by the EUR-OPA Major Hazards Agreement of the Council of Europe within the activities of the European Center on Geomorphological Hazards (CERG) and of the Euro-Mediterranean Centre on Insular Coastal Dynamics (ICoD):
 - 2009-2011: Coastline at risk: methods for multi-hazard assessment
 - 2012-2015: Coupling terrestrial and marine datasets for coastal hazard assessment and risk reduction in changing environments
 - 2016-2017: Developing geomorphological mapping skills and datasets in anticipation of subsequent susceptibility, vulnerability, hazard and risk mapping
 - 2018-19: Hazard and vulnerability assessment – the path to identifying risk
 - 2020-21: Coastal risk assessment and mapping
 - 2022-23 - Assessment and mapping of climate-change related vulnerability and risk.
- 2021-2023 - Scientific responsible of the UNIMORE Unit in the project 'Training new generations on geomorphology, geohazards and geoh heritage through Virtual Reality Technologies' - Erasmus+ KA220-HED - Cooperation partnerships in higher education, European Commission).

Further scientific activity

He was also scientific responsible of contracts with the following institutions:

- Emilia-Romagna Region: investigation focused on landslide hazard in Romagna watersheds (2006-07; 2010-12)
- Province of Modena – Civil Protection Section: investigation dealt on landslide risk forecasting and prevention (2010-12)

- Municipality of Castellarano (Reggio Emilia): investigations aiming at the environmental rehabilitation of a watershed characterised by inactive quarries and by sites of outstanding geological interest (2008-09; 2010-11; 2016-17).
- Continental Shelf Department, Ministry of Energy and Water Resources, Malta: investigation on Maltese submarine landscapes and landforms in the frame of the EC EMODnet Project (2018; 2020).
- Agenzia Regionale per la Sicurezza Territoriale e la Protezione Civile of Emilia-Romagna: studies on the interaction between slope and fluvial dynamics in a basin of the Modena Apennines (2021-23).
- Municipality of Mirandola (Modena): scientific direction of a series of events held in the frame of 10th Anniversary of the Emilia 2012 Earthquake, as a public engagement activity.

In 2005, 2006, 2007, 2008, 2010, 2012, 2013 he received financial support by the Italian Ministry of Foreign Affairs for study visits at the University of Malta within the Italian-Maltese Cultural Agreement.

In addition, he has carried out research on geological heritage in the Maltese archipelago, also in the frame of the activities of the 'Geomorphosites' Working Group of the International Association of Geomorphologists (IAG).

He has been supervisor of 15 PhD theses in geomorphology. At present, he is part of the Boards of the PhD Course on "Models and Methods for Material and Environmental Sciences" at UNIMORE and of the National PhD Programme in Sustainable Development and Climate Change. From 2008 to 2012 he was also external evaluator of the PhD Course on "Environmental Sciences" of the Università di Milano-Bicocca.

Between 2017 and 2022 he was board member of the Doctoral School in Geography of Babeş-Bolyai University, Cluj-Napoca, Romania.

Main board memberships

He is member of national and international associations. In particular, he has been Member of the Executive Committee of the International Association of Geomorphologists (IAG) since 2001 with responsibility of training activities for young geomorphologists (Training Officer); in 2013 he was elected as IAG Vice-President and in 2017 President for the term 2017-2021 (extended to 2022 due to the Covid-19 pandemic).

He is member of the Italian Association of Physical Geography and Geomorphology (AIGeo) since its foundation, and is Member of the Executive Board.

He is also Active Member of the "European Center for Geomorphological Hazards" CERG (Council of Europe).

From 2008 to 2015 he was part of the Assembly of the Italian Federation of Earth Sciences (FIST) representing the Italian Association of Physical Geography and Geomorphology (AIGeo). Between 2008 and 2011 he was a member of the Committee for scientific outreach of FIST.

Awards

- BRUNSDEN MEDAL, awarded on the occasion of the IAG International Conference on Geomorphology (Paris, 2013) "for outstanding service in the promotion of international cooperation in science and education of geomorphology within the Framework of IAG and for outstanding service which supports the objectives and activities of IAG".
- Honorary Fellowship of the Association of Polish Geomorphologists (APG) awarded on the occasion of the 12th Congress of Polish Geomorphologists (Gdansk, 2021).
- Recognition as 'Italian Knowledge Leader' by Convention Bureau Italia and Agenzia Nazionale del Turismo (Rome, 2021).

Editorial board memberships

He is part of the Editorial boards of the following journals:

- Geomorphology - Elsevier (since 1999). Guest-editor of special issues 15(3-4)-1996, 66(1-4)-2005 and 124(3-4)-2010

- The Open Geology Journal - Bentham Science (from 2007 to 2013)
- Landform Analysis, journal of the Association of Polish Geomorphologists (since 2008)
- Geografia Fisica e Dinamica Quaternaria, journal of the Comitato Glaciologico Italiano (since 2008). Guest-editor of special issues 29(2)-2006 and 31(2)-2008
- Finisterra, Portuguese journal of Geography (since 2010)
- Cuaternario y Geomorfología, journal of the Spanish Quaternary Society and of the Spanish Society of Geomorphology (since 2011)
- CSE Journal - City Safety Energy, Le Penseur (since 2014)
- Revista de Geomorfologie, journal of the Romanian Association of Geomorphologists (since 2016).
- Water - MDPI (since 2018).
- Italian Journal of Geosciences (Advisory Board since 2020)

Invited lectureship

He was invited to give lectures and talks in numerous national and international conferences, such as:

- IAG Regional Conference of Geomorphology on Tropical and Subtropical Geomorphology (Goiania, Brasil, 2006)
- XII Belgium-France-Italy-Romania Geomorphological Meeting "Climatic change and related landscapes" (Savona, Italy 2007)
- First International Symposium on Danxia Landform (Shaoguan City, China, 2009)
- Scientific Symposium in honour of Prof. Antonio Cendrero "From environmental geology to global geomorphic change" (Santander, Spain, 2012)
- IV Convegno Nazionale AIGeo "La geomorfologia del nuovo millennio tra cambiamenti climatici, velocità dei processi ed eventi estremi" (Palermo, Italy, 2012).
- 33rd Romanian Geomorphology Symposium (Iasi, Romania, 2017).
- Mediterranean Coastal Erosion Conference "The Impact of Coastal Erosion on Well-Being – Sharing Experiences" (St. Paul's Bay, Malta, 2018).
- VIII Italian Young Geomorphologists' Days "Sharing experiences on geomorphological research in different morphogenetic and morphoclimatic environments" (Milan, Italy, 2019)
- Congresso Nacional de Geomorfologia "Que futuro para a Geomorfologia" (Guimarães, Portugal, 2019)
- First IAG GeoNorth and IAG GeoNor Conference "Geomorphology and Geomorphological Research in the Nordic Countries" (online, 2020)
- XII Zjazd Geomorfologów Polskich "Procesy geomorfologiczne w warunkach globalnych zmian środowiska" (Gdansk, Poland, 2021)
- 13° SINAGEO "Geomorfologia: Complexidade e Interescalaridade das Paisagens" (Juiz de Fora, Brazil, 2021 – online keynote)
- ASITA National Conference "Il ruolo del monitoraggio nello studio e nella gestione del rischio idrogeologico per la tutela del territorio montano" (La Villa, Alta Badia, Italy, 2022).
- IUGS event "The First 100 IUGS Geological Heritage Sites" (Zumaia, Basque Coast UGGp, Spain, 2022).

Session chairing at conferences

He has been Chair or Convenor of numerous sessions of national and international conferences. Worth mentioning are the following:

- IAG Regional Conference on Geomorphology "Geomorphic hazards: towards the prevention of disasters" (Mexico City, Mexico, 2003), Session "Hillslope processes and hazards"
- 32nd International Geological Congress "From the Mediterranean Area Toward a global Geological Renaissance Geology, Natural Hazards, and Cultural Heritage" (Florence, Italy, 2004), Session "Landscape sensitivity"
- IAG Regional Conference on Geomorphology "Tropical and Subtropical Geomorphology: processes, methods and techniques" (Goiania, Brasil, 2006), Session "Accelerated geomorphic processes and environmental degradation"
- 7th International Conference on Geomorphology "Ancient Landscapes – Modern Perspectives"

- (Melbourne, Australia, 2009), Session “Hillslopes and mass movement”
- IAG International Workshop on "Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier" (Salerno, Italy, 2012), Session “New Data and Structures for Geomorphological Mapping”
 - 8th International Conference on Geomorphology “Geomorphology and sustainability” (Paris, France, 2013), Session “Hillslope processes and mass movements”
 - Fifth EUGEO Conference on the Geography of Europe (Budapest, Hungary, 2015), Session “Landslide hazard and risk in a changing Europe”.
 - 35th International Geological Congress (Cape Town, South Africa, 2016), Session “Submarine and Subaerial Landslides”.
 - IAG International Workshop on Urban Geomorphological Heritage (Roma, 2016), Session “Anthropic geomorphological evolution”.
 - 9th International Conference on Geomorphology “Geomorphology and society” (New Delhi, India, 2017), Session “Geomorphology and Allied Disciplines: Mutual Contributions for the Progress of Integrated Environmental and Disaster Studies”.
 - VIII Italian Young Geomorphologists’ Days “Sharing experiences on geomorphological research in different morphogenetic and morphoclimatic environments” (Milan, Italy, 2019), Poster Session.
 - IAG Webinar Western Europe, British and Irish Isles (UK, Ireland, France, Italy) - International Geomorphology Week 2021, Coordinator and Chair.
 - Online Workshop “Women in Geomorphology: a Mediterranean perspective”, Hellenic Committee for Geomorphology and Environment of the Geological Society of Greece (International Geomorphology Week 2021), Round table Moderator.
 - ASITA National Conference “Il ruolo del monitoraggio nello studio e nella gestione del rischio idrogeologico per la tutela del territorio montano” (La Villa, Alta Badia, Italy, 2022), Chair.

Participation in scientific committees

He has been part of scientific committees of numerous national and international events such as:

- IAG Symposium on “Relationships between Man and the Mountain Environment in terms of Geomorphological Hazards and Human Impact in Europe” (Dornbirn, Austria, 2002)
- Italo-Maltese Workshop on “Integration of the geomorphological environment and cultural heritage for tourism promotion and hazard prevention” (Valletta, Malta, 2007)
- International Conference on “Landslide processes: From geomorphological mapping to dynamic Modelling” (Strasbourg, France, 2009)
- The Second World Landslide Forum “Putting Science into Practice” (Rome, Italy, 2011)
- Scientific Symposium in honour of Prof. Antonio Cendrero “From environmental geology to global geomorphic change” (Santander, Spain, 2012)
- XII Reunión Nacional de Geomorfología (Santander, Spain, 2012)
- IAG International Workshop on “Objective Geomorphological Representation Models: Breaking through a New Geomorphological Mapping Frontier” (Salerno, Italy, 2012)
- IAG Regional Conference on Geomorphology “Gradualism vs catastrophism in landscape evolution” (Barnaul, Russia, 2015)
- UNESCO Training Workshop on Disaster Risk Management and Preparedness (Valletta, Malta, 2015)
- IAG International Workshop on Urban Geomorphological Heritage (Roma, 2016)
- ICoD-CERG (Council of Europe) Training Course on Geomorphological Mapping in Coastal Areas (Malta, 2016)
- 9th IAG International Conference on Geomorphology “Geomorphology and Society” (New Delhi, India, 2017)
- VIII Italian Young Geomorphologists’ Days “Sharing experiences on geomorphological research in different morphogenetic and morphoclimatic environments” (Milan, Italy, 2019)
- National Congress of SGI-SIMP-SOGEI “Il tempo del pianeta Terra e dell’uomo: le geoscienze tra passato e futuro” (Parma, Italy, 2019).
- IAG Regional Conference on Geomorphology “Geomorphology of Climatically and Tectonically

sensitive areas” (Athens, Greece, 2019).

- Online Conference “The role of Geomorphology in Modern Society” of the Hellenic Committee for Geomorphology & Environment of the Geological Society of Greece (2020).
- 90th Congress of the Italian Geological Society (SGI) “Geology without borders” (online 2021).
- AIGeo Winter School in “Geomorphological Mapping” (Camerino, Italy, 2022)
- 10th IAG International Conference on Geomorphology “Geomorphology and Global Change” (Coimbra, Portugal, 2022)
- Congress of the Geological Society of Italy (SGI) and the Society of Mineralogy and Petrology (SIMP) ‘Geosciences for a sustainable future’ (Turin, Italy, 2022)
- ASITA National Conference “Il ruolo del monitoraggio nello studio e nella gestione del rischio idrogeologico per la tutela del territorio montano” (La Villa, Alta Badia, Italy, 2022)
- VII National AIGeo Congress “The response of the territory to climate change: the contribution of AIGeo working groups to the geomorphological analysis of the impacts and the risk scenarios” (Palermo, Italy, 2022)
- AIGeo Winter School in “Geomorphological Mapping” (Camerino, Italy, 2023).

Evaluation activity

He has participated in national and international evaluation activities as assessor or member of committees.

Evaluation activity for national and international bodies:

- ANVUR Evaluator for VQR 2004-2010 e VQR 2011-2014
- Desk-top reviewer of the International Union for Conservation of Nature (IUCN) for UNESCO World Heritage Sites (2009, 2010, 2016)
- Evaluator of a project of the FWF Austria Science Fund (2010)
- Evaluator of a project submitted to the Agence Nationale de la Recherche – ANR, France (2010)
- Evaluator of a project submitted to the JSC ‘National Center of Science and Technology Evaluation’, Kazakhstan (2014)
- Evaluator of a project submitted to the National Science Centre - NCN, Poland (2016)
- Evaluator of project submitted to the Ministry of Science and Higher Education – Department of Innovation and Development, Poland (2018).
- Evaluator of research projects within the initiative “Research for Innovation – REFIN” of Regione Puglia, Italy (2019-2023).

Participation in selection committees:

- Member of selection committees for the admission to PhD schools at Università di Modena e Reggio Emilia (2001, 2008, 2012, 2016)
- Member of selection committees for PhD final exams in Italy (Università di Ferrara, 2005; Università di Torino, 2006; Università di Milano-Bicocca, 2010; Università di Padova, 2014; Università di Pisa, 2016) and abroad (Ghent University, Belgium, 2000; Universidad de Cantabria, Spain, 2006 e 2007; Université Paris-Sorbonne, France, 2009; Université de Nantes, France, 2015; Universität Wien, Austria, 2021).
- External evaluator of the PhD programme in Environmental Sciences at the Università di Milano-Bicocca (2008-2011)
- Member of a selection committee for Habilitation a Diriger des Recherches (HDR) at Université Blaise Pascal, Clermont-Ferrand, Francia (2014)
- Member of a selection committee for a 'Tenure-track Lecturer' position at Universitat Autònoma de Barcelona (UAB) - sector 'External Geodynamics', Barcelona, Spain (2016).
- Member of a selection committee for a position of Full Professor at the Dipartimento di Geoscienze of the Università di Padova (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2018).
- Member of the selection committee for a teaching engagement (docenza n. ID 14/2018) for the course "Geografia fisica con elementi di geomorfologia" of the Università Sapienza di Roma (September 2018).

- Member of a selection committee for a position of Researcher (type B) at the Dipartimento di Scienze Chimiche e Geologiche of the Università di Cagliari (sector 04/A3 - profile SSD GEO/04 – Physical geography and geomorphology) (2019).
- Member of a selection committee for a position of Associate Professor at the Dipartimento di Scienze della Terra, dell'Ambiente e delle Risorse dell'Università di Napoli Federico (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2019).
- Member of a selection committee for a position of Associate Professor at the Dipartimento di Scienze della terra e geoambientali of the Università di Bari Aldo Moro, (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2020).
- Member of a selection committee for a position of Full Professor at the Dipartimento di Scienze della Terra dell'Università di Roma Sapienza (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2020).
- Member of a selection committee for a position of Associate Professor at the Dipartimento di Scienze della Terra, dell'Ambiente e della Vita of the Università di Genova (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2020).
- Member of a selection committee for a position of Researcher (type B) at the Dipartimento di Scienze della Terra “Ardito Desio”, Università di Milano Statale (sector 04/A3 – profile SSG GEO/04 – Physical geography and geomorphology) (2021).
- Member of a selection committee for a position of Associate Professor at the Dipartimento di Scienze della terra, dell'Ambiente e della Vita of the Università di Genova (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2021).
- Member of a selection committee for a position of Full Professor at the Dipartimento di Scienze Chimiche e Geologiche of the Università di Modena e Reggio Emilia (sector 04/A3 – profile SSD GEO/05 – Applied Geology) (2021).
- Member of a selection committee for a position of Researcher (type B) at the Dipartimento di Scienze della Terra, Sapienza Università di Roma (sector 04/A3 – profile SSD GEO/04 – Physical geography and geomorphology) (2021).
- Member of a selection committee for a position of Researcher (type A) at the Dipartimento di Scienze Chimiche e Geologiche, Università di Modena e Reggio Emilia (sector 04/A3 – profile SSD GEO/05 – Applied Geology) (2021).
- Member of a selection committee for a position of Researcher (type B) at the Dipartimento di Scienze della Terra, dell'Ambiente e delle Risorse, Università di Napoli “Federico II” (sector 04/A3 – profile SSG GEO/04 – Physical geography and geomorphology) (2022).
- Member of a selection committee for a position of Associate Professor at the Dipartimento di Geoscienze, Università di Padova (sector 04/A3 – profile SSG GEO/04 – Physical geography and geomorphology) (2022)
- Member of a selection committee for a position of Full Professor at the Dipartimento di Scienze della Terra “Ardito Desio”, Università di Milano Statale (sector 04/A3 – profile SSG GEO/04 – Physical geography and geomorphology) (2022-2023).
- Member of a selection committee for a position of Associate Professor at the Dipartimento Territorio e Sistemi Agro-Forestali (TESAF), Università di Padova (sector 04/A3 – profile SSG GEO/04 – Physical geography and geomorphology)(2022-2023)

TEACHING ACTIVITY

He is in charge of the course of “Geomorphology” at UNIMORE since the academic year 1996-97 and he has taught different courses in the field of physical geography and geomorphology within the degree courses of Geological Sciences and Natural Sciences of the University of Modena and Reggio Emilia. He currently teaches the courses of “Geomorphology” and “Georisks and civil protection” within the Geology Bachelor and Master Degree courses, and the course of “Ecology and global changes” within the Master Degree in Didactic and Communication of Sciences.

He was President of the Geology Bachelor and Master Degrees Board at UNIMORE during the term 2015-16, 2016-17, 2017-2018.

From 2011 to 2104 he was Coordinator and lecturer of the "Emergency" branch of the Master in "International Cooperation: planning and management of interventions, handicap, emergencies" at UNIMORE.

Since 2016-17 he has been Director and lecturer of the Specialization Course in "Territorial, environmental and health emergencies" (EmTASK) at UNIMORE.

He was lecturer at the Master of "Territory safeguard and maintainance" of the Università di Padova from the academic year 2001-02 to the academic year 2005-06.

During the academic years 2005-2006 and 2007-08 he was also lecturer of the Master in "Management of national and international emergency" of the University of Modena and Reggio Emilia.

He was part of the teaching staff of a Master in "Analysis and management of geotechnical systems" (SIGEO) at the Engineering Faculty of the University of Trento. He has taught a module of Geomorphology in 2007 and has been supervisor of a thesis on landslide risk and civil protection.

In the academic years 2008-09, 2009-10 and 2010-11 he taught geomorphological mapping within the Master in "Analysis, Assessment and Mitigation of Hydrogeological Risks" (AVAMIRI) of the University of Udine.

He has also lectured in intensive courses of the European School of Climatology and Natural Hazards of the European Commission (Orvieto, Italy, 1996), of the European Center for Geomorphological Hazards (CERG) of the Council of Europe (Camerino, Italy, 2000; Dornbirn, Austria, 2002; Caen, France, 2012; Azores, Portugal, 2016; Malta, 2016) and of the University of Malta (Mediterranean Institute, 2005).

Furthermore, he was lecturer within Masters at Universidad de Zaragoza (Spain, 2012), Harokopio University (Athens, Greece, 2012), Universidad de Cantabria (Santander, Spain, 2012) and Université de Lausanne (Switzerland, 2019). He was also part of the teaching staff in the UNESCO Training Workshop on Disaster Risk Management and Preparedness (Valletta, Malta, 2015).

He was visiting professor at the University of Durham (UK), Harokopio University (Greece), Kingston University (UK), University of Malta (Malta) and Adam Mickiewicz University Poznan (Poland) within the Teaching Staff mobility action of the SOCRATES/ERASMUS Programme. Within the ERASMUS+ Programme, he is at present Coordinator of bilateral agreements with the universities of Harokopio (Greece), Malta (Malta), and Zaragoza (Spain). Since 1999-2000 he was also responsible of agreements with the universities of Cluj-Napoca (Romania), Durham (UK), Kingston (UK), Patras (Greece), Adam Mickiewicz Poznan (Poland), Salzburg (Austria), Utrecht (The Netherlands), Vienna (Austria) as well as the Turku University of Applied Sciences (Finland).

Short CV

Full Professor of Geomorphology at the Department of Chemical and Geological Sciences of Modena and Reggio Emilia University (UNIMORE). He teaches of "Geomorphology", "Georisks and civil protection" and "Ecology and global changes". He is also Member of the Academic Senate and Vice-Director of the Department of Chemical and Geological Sciences.

He was President of the International Association of Geomorphologists (2017-2022) and member of the Executive Committee of the Association since 2001. In 2013, on the occasion of the IAG International Conference on Geomorphology, he was awarded with the Brunnsden Medal.

Since 2019, he is Council Member of 'Deep-time Digital Earth' (DDE) – IUGS Big Science Program.

His research interests are in the field of theoretical and applied geomorphology, with special attention to geomorphological survey and mapping, slope instability and climate change, landslide risk and geoheritage. The research has mainly been carried out in the Italian Dolomites, Northern Apennines and Maltese archipelago, and secondarily in Greece, Spain and Svalbard. The research outputs show a strong international involvement thanks to the participation in a series of projects funded by the European Commission and the Council of Europe, often with leading roles.

The research outputs have been presented in about 60 national and international conferences and reported in more than 200 publications (92 listed on Scopus – H-Index 27). The experience achieved in different research fields enabled also the publication of chapters on textbooks, books and entries on encyclopedias. He is also Editor of the book on 'Landscapes and Landforms of Italy' (Springer, 2017).

He is part of the Editorial Boards of the journals *Geomorphology*, *Landform Analysis*, *Finisterra*, *Cuaternario y Geomorfología*, *Geografía Física e Dinámica Cuaternaria*, *CSE*, *Revista de Geomorfologie* and *Water*.

He has been main supervisor of 15 PhD theses in geomorphology.