

# Claudio Margottini



Former Scientific Attachè at the Italian Embassy in Egypt • Cairo • Egypt

ISPRA – Dpt. Geological Survey of Italy • Via Brancatii, 60 • 00144 Roma

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UNESCO Chair on the Prevention and Sustainable Management of Geo-Hydrological Hazards, University of Florence • Florence • Italy  
Adjunct Professor and co-founder

E-MAIL [REDACTED]

Galala University • Egypt  
Adjunct Professor

NRIAG – National Institute for Astronomy and Geophysics • Egypt  
Adjunct Professor

Autorizzo il trattamento dei dati personali presenti nel CV ai sensi del D.Lgs. 2018/101 e del GDPR (Regolamento UE 2016/679).  
Viterbo 17 Gennaio 2022

## Personal information

Surname(s) / First name(s) **Margottini Claudio**

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Nationality Italy

Date of birth 17.01.1957

Gender Male

Personal Scientific Categories  
(<https://wcs.webofknowledge.com>)



Scientific projects



Occupational field

Engineering Geology (Full Professor hab.)

Present position

Geological Survey of Italy (ISPRA), Senior scientist

UNESCO Chair on Prevention and sustainable management of geo-hydrological hazards at the University of Florence (Italy), adjunct Professor and founder

Galala University (Egypt), adjunct Professor

National Research Institute for Astronomy and Geophysics – NRIAG (Egypt), adjunct Professor

Scientific positions

Full Professor in Engineering Geology (National Scientific Qualification, 2017)

Adj. Professor and co-founder of UNESCO Chair on Prevention and sustainable management of geo-hydrological hazards at the University of Florence (Italy)

Scopus ID: 6507118987

ORCID n.: <https://orcid.org/0000-0001-5045-9942>

Web of Science ResearcherID: G-6816-2015

Google Scholar: [http://scholar.google.com/citations?user=iXy\\_wzkAAAAJ](http://scholar.google.com/citations?user=iXy_wzkAAAAJ)

Research Gate: [https://www.researchgate.net/profile/Claudio\\_Margottini](https://www.researchgate.net/profile/Claudio_Margottini)

Associations

ICOMOS Italia;

International Association for Engineering Geology (IAEG);

International Association for Promoting Geoethics (IAPG);

Work occupation

Dates From 9 October 2016 until 8 October 2020

Occupation or position held Scientific and Technological Attaché

Main activities and responsibilities Coordination and Development of Scientific and Technological activities between Italy and Egypt

Name and address of employer Embassy of Italy in Cairo (Egypt)

Type of business or sector Science Diplomacy

Dates From 1<sup>st</sup> January 2011 until today

Occupation or position held First researcher

Main activities and responsibilities Senior scientist

Name and address of employer ISPRA - Italian Institute for environmental protection and research (Former APAT, Italian Environmental Agency), Dpt. Geological Survey of Italy

<i>Type of business or sector</i>	Engineering geology and rock mechanic, Protection of Cultural Heritages from Natural Hazards, Landslides in rock material, Natural disasters, Geothermal energy.
<i>Dates</i>	From 1 <sup>st</sup> June 2007 until 31 <sup>st</sup> December 2009
<i>Occupation or position held</i>	First researcher
<i>Main activities and responsibilities</i>	Coordination and development of International Activities
<i>Name and address of employer</i>	ISPRA - Italian Institute for environmental protection and research (Former APAT, Italian Environmental Agency), Dpt. Geological Survey of Italy
<i>Type of business or sector</i>	Engineering geology and rock mechanic, Protection of Cultural Heritages from Natural Hazards, Landslides in rock material, Natural disasters, Climate Change.
<i>Dates</i>	01/01/2006 - 30/05/2007
<i>Occupation or position held</i>	Researcher
<i>Main activities and responsibilities</i>	First researcher
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Economic Sustainable Development (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Research, Development and Coordination of multidisciplinary projects in the filed of climate change, Protection of Cultural Heritages from Natural Hazards, Rock mechanic, Engineering seismology,
<i>Dates</i>	01/06/2001 - 31/12/2005
<i>Occupation or position held</i>	Researcher
<i>Main activities and responsibilities</i>	First researcher
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Economic Sustainable Development (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Research, Development and Coordination of multidisciplinary projects in the filed of climate change, Protection of Cultural Heritages from Natural Hazards, Rock mechanic, Engineering seismology, Member of the advisory board of the European Commission, VI Framework Programme, DG Research, Global Change and Ecosystems
<i>Dates</i>	01/01/1998 - 30/05/2001
<i>Occupation or position held</i>	Head of Section
<i>Main activities and responsibilities</i>	Head of the section Geological Dynamics and Territory of the Environment Department
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Economic Sustainable Development (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Coordination and management of the ENEA Division dealing with siting and safety of critical infrastructures and power plants (including nuclear and cultural heritages), through paleoclimatology, earthquake engineering, natural disaster, Land use planning and management,
<i>Dates</i>	01/12/1995 - 31/12/1997
<i>Occupation or position held</i>	Head of Section
<i>Main activities and responsibilities</i>	Head of the section Geological Dynamics and Territory of the Environment Department
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Environment (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Coordination and management of the ENEA Division dealing with siting and safety of critical infrastructures and power plants (including nuclear and cultural heritages), through paleoclimatology, earthquake engineering, natural disaster, Land use planning and management,
<i>Dates</i>	01/05/1994 - 30/11/1995
<i>Occupation or position held</i>	Head of Division
<i>Main activities and responsibilities</i>	Head of the Division of Earth Sciences of the Environment Department

<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Environment (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Coordination and management of the ENEA Division dealing with siting and safety of critical infrastructures and power plants (including nuclear and cultural heritages), through paleoclimatology, earthquake engineering, natural disaster, Land use planning and management,
<i>Dates</i>	01/05/1990 - 30/04/1993
<i>Occupation or position held</i>	Head of Division
<i>Main activities and responsibilities</i>	Head of the Division of Extreme Events of the Environment Department
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Environment (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Coordination and management of the ENEA Division dealing with siting and safety of critical infrastructures and power plants (including nuclear and cultural heritages), through paleoclimatology, earthquake engineering, natural disaster, Land use planning and management,
<i>Dates</i>	01/06/1983 - 30/04/1990
<i>Occupation or position held</i>	Researcher
<i>Main activities and responsibilities</i>	Engineering seismology and seismotectonics
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Environment (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Safety and siting of Nuclear power plants
<i>Dates</i>	01/10/1982 - 30/05/1983
<i>Occupation or position held</i>	Research contract
<i>Main activities and responsibilities</i>	Engineering seismology and seismotectonics
<i>Name and address of employer</i>	ENEA - Italian Agency for New technology, Energy and Environment (former Italian Atomic Energy Commission) Lungotevere Thaon di Revel, 76 - 00196 Roma
<i>Type of business or sector</i>	Safety and siting of Nuclear power plants
<i>Dates</i>	24/11/1980 - 23/11/1981
<i>Occupation or position held</i>	Research grant
<i>Main activities and responsibilities</i>	Seismotectonic and historical seismicity of the Brasimone Nuclear Site (Central Italy)
<i>Name and address of employer</i>	Italian Atomic Energy Commission, Via REGian Margherita 123, 00186 Rome
<i>Type of business or sector</i>	Safety and siting of Nuclear power plants

**Responsibility of international scientific research projects, funded on the basis of competitive calls requiring peer review**

<i>Dates</i>	2020 - 2021
<i>Occupation or position held</i>	Co-Project Leader and coordinator
<i>Main activities and responsibilities</i>	Protection of Qurh site (AL-Ula, Kingdom da Saudi Arabia) from flash flood and weathering from water infiltration
<i>Name and address of employer</i>	Royal Commission for Al Ula, Kingdom of Saudi Arabia
<i>Type of business or sector</i>	Investigating the impact of flash floods in the site of Qurh and defining of a proper mitigation project.
<i>Dates</i>	2020 - 2021

<i>Occupation or position held</i>	Project Leader and Co-coordinator
<i>Main activities and responsibilities</i>	Investigating the potential geopark of Khaybar volcano (Kingdom da Saudi Arabia).
<i>Name and address of employer</i>	Royal Commission for Al Ula, Kingdom of Saudi Arabia
<i>Type of business or sector</i>	Geological survey and feasibility study for the possible inclusion of Khaybar volcano in the Geopark List of UNESCO.
<i>Dates</i>	2020 -
<i>Occupation or position held</i>	Project Leader and Co-coordinator
<i>Main activities and responsibilities</i>	Geohazards and rock instabilities in the sites of Hegra (WHL), Dadan, Al Ula old town, Abou Ud, Jabal Ikma (Kingdom da Saudi Arabia).
<i>Name and address of employer</i>	Royal Commission for Al Ula, Kingdom of Saudi Arabia
<i>Type of business or sector</i>	Conservation of cultural heritages and safety of visitors from rock fall and other rock instabilities in the sites of Hegra (WHL), Dadan, Al Ula old town, Abou Ud, Jabal Ikma.
<i>Dates</i>	2017 -
<i>Occupation or position held</i>	Project Leader and Coordinator
<i>Main activities and responsibilities</i>	Sustainable mitigation of Antananarivo geo-hazards
<i>Name and address of employer</i>	Municipalité de Paris, France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, rock mechanic, natural hazards, climate change). Contribution to the inscription into the UNESCO World Heritage List.
<i>Dates</i>	2016 -
<i>Occupation or position held</i>	Co- founder and Adjunct Professor
<i>Main activities and responsibilities</i>	UNESCO chair on the Prevention and Sustainable Mitigation of Geo-Hydrological Hazards
<i>Name and address of employer</i>	University of Florence, Italy
<i>Type of business or sector</i>	Capacity building, monitoring, conservation of Cultural Heritages
<i>Dates</i>	2015 - 2018
<i>Occupation or position held</i>	Project Leader and Coordinator
<i>Main activities and responsibilities</i>	PROTHEGO, Protection of European cultural heritage from geo - hazards,
<i>Name and address of employer</i>	European Commission project
<i>Type of business or sector</i>	Usage of satellite radar interferometry for the safeguard of UNESCO world heritage sites in Europe
<i>Dates</i>	2012 - 2015
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	SIQ-STABILITY, Monitoring, with new technologies at low environmental impact, of the rock fall instability of Petra (Jordan)
<i>Name and address of employer</i>	UNESCO, Amman, Jordan and ISPRA-Geological Survey of Italy
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, rock mechanic, natural hazards, climate change)
<i>Dates</i>	From January 2009 until present
<i>Occupation or position held</i>	Scientific Coordinator of ISPRA, into the EEA European Topic Centre - Land Use and Spatial Information

<i>Main activities and responsibilities</i>	Supporting the European Environmental Agency in the development of a topic centre on land use and spatial information, mainly in the field of natural disasters; responsible for financial administration of the project (ISPRA partner)
<i>Name and address of employer</i>	ISPRA - Italian Institute for environmental protection and research (Former APAT, Italian Environmental Agency) Dpt. Geological Survey of Italy, Via Curtatone, 3 - 00185 Rome (Italy)
<i>Type of business or sector</i>	Land use planning and management
<i>Dates</i>	2009 - 2011
<i>Occupation or position held</i>	Scientific Responsible of research unit (T6 Ecosystem)
<i>Main activities and responsibilities</i>	SCENARIO - Support on Common European Strategy for sustainable natural and induced technological hazards mitigation
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Land use planning and management in disaster prone areas
<i>Dates</i>	From June 2008 until 2010
<i>Occupation or position held</i>	Scientific Responsible of research unit (T6 Ecosystem)
<i>Main activities and responsibilities</i>	ENSURE - Enhancing resilience of communities and territories facing natural and na-tech hazards
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Land use planning and management in disaster prone areas
<i>Dates</i>	2004-2007
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	Environmental Impact Assessment for the re-erection of the Rome-Aksum obelisk in the Aksum stelae park.
<i>Name and address of employer</i>	UNESCO Rue de Miollis, Paris (France)
<i>Type of business or sector</i>	Environmental Impact Assessment
<i>Dates</i>	2004-2006
<i>Occupation or position held</i>	President of the Scientific Advisory Board
<i>Main activities and responsibilities</i>	Applied multi Risk Mapping of Natural Hazards for Impact Assessment
<i>Name and address of employer</i>	Project Consortium
<i>Type of business or sector</i>	European Commission DG Research, Land use planning and management in disaster prone areas
<i>Dates</i>	From 2002 - 2005
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	INTERFRASI - Ground based radar interferometry for the monitoring of archaeological structure and rock slides in the site of Machu Picchu (Peru).
<i>Name and address of employer</i>	Italian Minister of Science and Education
<i>Type of business or sector</i>	Conservation of cultural heritages from rock slide
<i>Dates</i>	From 2002 - 2005
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	Realisation of an expert system for the landscape impact assessment of mitigation works in archaeological sites affected by landslides.
<i>Name and address of employer</i>	Consorzio Civita
<i>Type of business or sector</i>	Landslide science
<i>Dates</i>	From 2003 - 2004



<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	European Commission support to the World Geological Congress Florence 2004.
<i>Name and address of employer</i>	European Commission - DG Research
<i>Type of business or sector</i>	Science dissemination
<i>Dates</i>	1998-2003
<i>Occupation or position held</i>	Scientific Supervisor
<i>Main activities and responsibilities</i>	Guidelines for the Protection of cultural heritages from Natural disasters
<i>Name and address of employer</i>	Italian Minister of Science and Education
<i>Type of business or sector</i>	Conservation of cultural heritages from natural disasters
<i>Dates</i>	2001 - 2003
<i>Occupation or position held</i>	Partner coordinator (Consorzio Civita)
<i>Main activities and responsibilities</i>	Innovative monitoring of Cultural Heritages sites affected by rock slide
<i>Name and address of employer</i>	Italian Minister of Science and Education
<i>Type of business or sector</i>	Conservation of cultural heritages from rock slide
<i>Dates</i>	1999 - 2000
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	Landslide susceptibility in the Virginio watershed (Arno river basin)
<i>Name and address of employer</i>	Arno river basin authority
<i>Type of business or sector</i>	Landslide science
<i>Dates</i>	1997 - 1999
<i>Occupation or position held</i>	Research Unit Scientific Coordinator (ENEA)
<i>Main activities and responsibilities</i>	TEMRAP - The European Multi-hazard Risk Assessment Project
<i>Name and address of employer</i>	European Commissione DG Research
<i>Type of business or sector</i>	Multi-hazard risk assessment and zoning
<i>Dates</i>	1996 - 1997
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	TIGRA - The Integrated Geological Risk Assessment
<i>Name and address of employer</i>	European Commission DG Research
<i>Type of business or sector</i>	Multi-hazard risk assessment and zoning
<i>Dates</i>	1994 - 1997
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	SEISMODOC - Electronic Library for Historical Documents Related to European Seismicity prior 1964
<i>Name and address of employer</i>	European Commission DG Research
<i>Type of business or sector</i>	Engineering seismology
<i>Dates</i>	1993 - 1996
<i>Occupation or position held</i>	General Scientific Coordinator
<i>Main activities and responsibilities</i>	MEFISST - Meteorological factors influencing slope stability and slope movement type: evaluation of hazard prone areas
<i>Name and address of employer</i>	European Commission DG Research
<i>Type of business or sector</i>	Landslide science and climate change

<i>Dates</i>	1991 - 1992
<i>Occupation or position held</i>	Research Unit Scientific Coordinator (ENEA)
<i>Main activities and responsibilities</i>	Determination of Magnitude for Italian earthquakes of XX century
<i>Name and address of employer</i>	CNR - National Group for Protection against earthquakes
<i>Type of business or sector</i>	Engineering seismology
<i>Dates</i>	1990 - 1991
<i>Occupation or position held</i>	Research Unit Scientific Coordinator (ENEA)
<i>Main activities and responsibilities</i>	Investigation on historical earthquakes of Central Italy
<i>Name and address of employer</i>	CNR - National Group for Protection against earthquakes
<i>Type of business or sector</i>	Engineering seismology
<i>Dates</i>	1988 - 1991
<i>Occupation or position held</i>	Research Collaborator
<i>Main activities and responsibilities</i>	Transfrontiers Historical Earthquakes in Europe
<i>Name and address of employer</i>	European Commission
<i>Type of business or sector</i>	Engineering seismology
 <b>Other scientific experience</b>	
<i>Dates</i>	2021-2024
<i>Occupation or position held</i>	Local Organizing Committee
<i>Main activities and responsibilities</i>	Coordinator of the local organizing committee of 6 <sup>th</sup> World Landslides Forum, Florence, Italy, 2023.
<i>Name and address of employer</i>	University of Florence
<i>Type of business or sector</i>	Science communication
<i>Dates</i>	2021-2024
<i>Occupation or position held</i>	Coordinator of Italian Network of International Consortium on Landslides
<i>Main activities and responsibilities</i>	Advancing landslide science and its practical application in the region for the benefit of society and the environment.
<i>Name and address of employer</i>	Elected by members of Italian Network of International Consortium on Landslides
<i>Type of business or sector</i>	Science development
<i>Dates</i>	2021-2023
<i>Occupation or position held</i>	Coordinator of the Scientific Advisory Board for the UNESCO candidature of the "Cultural Landscape of Civita di Bagnoregio"
<i>Main activities and responsibilities</i>	Scientific support to the candidature, review documentations, promotion of the site worldwide
<i>Name and address of employer</i>	Amministrazione Comunale di Bagnoregio
<i>Type of business or sector</i>	Science communication and management
<i>Dates</i>	2021-2022
<i>Occupation or position held</i>	Coordinator
<i>Main activities and responsibilities</i>	Coordination and teacher of the course for African young students: ENGINEERING GEOLOGY
<i>Name and address of employer</i>	Centro Interuniversitario per lo Sviluppo Sostenibile
<i>Type of business or sector</i>	Capacity building in Africa
<i>Dates</i>	2021-2022
<i>Occupation or position held</i>	Coordinator



<i>Main activities and responsibilities</i>	Coordination and teacher of the course for African young students: INTERNATIONAL DISASTER MANAGEMENT
<i>Name and address of employer</i>	Centro Interuniversitario per lo Sviluppo Sostenibile
<i>Type of business or sector</i>	Capacity building in Africa
<i>Dates</i>	2019
<i>Occupation or position held</i>	Project leader
<i>Main activities and responsibilities</i>	Leonardo da Vinci and landslides
<i>Name and address of employer</i>	UNESCO Chair
<i>Type of business or sector</i>	Science communication
<i>Dates</i>	2017-2020
<i>Occupation or position held</i>	Project leader
<i>Main activities and responsibilities</i>	Investigation on the evolution of Hawara pyramid: a landslide?
<i>Name and address of employer</i>	UNESCO Chair
<i>Type of business or sector</i>	Conservation of Cultural Heritage
<i>Dates</i>	2015
<i>Occupation or position held</i>	Member of Advisory Board of Parco della Maddalena (Consiglio di Amministrazione)
<i>Main activities and responsibilities</i>	Planning the development and activities of the Park
<i>Name and address of employer</i>	Minister of Environment Decree
<i>Type of business or sector</i>	Management
<i>Dates</i>	2015
<i>Occupation or position held</i>	Coordinator of Scientific Committee for Viterbo Italian Capital of Culture 2016-2017
<i>Main activities and responsibilities</i>	Participation to the National tender
<i>Name and address of employer</i>	Municipality of Viterbo
<i>Type of business or sector</i>	Management
<i>Dates</i>	2015 -
<i>Occupation or position held</i>	Engineering Geology expert
<i>Main activities and responsibilities</i>	Reducing the impact of landslides on the Changu Temple, Katmandu Valley (Nepal)
<i>Name and address of employer</i>	UNESCO
<i>Type of business or sector</i>	Conservation of Cultural Heritage
<i>Dates</i>	2015 -
<i>Occupation or position held</i>	Engineering Geology expert
<i>Main activities and responsibilities</i>	Reducing the impact of landslides on the Swayhambu temples, Katmandu valley (Nepal)
<i>Name and address of employer</i>	UNESCO
<i>Type of business or sector</i>	Conservation of Cultural Heritage
<i>Dates</i>	2015 -
<i>Occupation or position held</i>	Engineering Geology expert
<i>Main activities and responsibilities</i>	Strengthening the Conservation and Management of Lumbini, the Birthplace of the Lord Buddha, World Heritage Property, namely the Ashoka pillar and Mayadevi Temple
<i>Name and address of employer</i>	UNESCO
<i>Type of business or sector</i>	Conservation of Cultural Heritage

<i>Dates</i>	2014 - 2017
<i>Occupation or position held</i>	Vice President of the International Consortium on Landslides (elected)
<i>Main activities and responsibilities</i>	Coordination and Development of international projects and activities on the field of landslide science
<i>Name and address of employer</i>	International Consortium on Landslides, composed by 55 Scientific Agency and Universities from 34 Countries and supported by UNESCO, WMO, FAO, ISDR, UNU, ICSU, WFEO (Research Centre on Landslides Disaster Prevention Research Institute Kyoto University Uji, Kyoto 611-0011, Japan)
<i>Type of business or sector</i>	Landslide science
<i>Dates</i>	January 2014 - December 2015
<i>Occupation or position held</i>	Member of the Italian Observatory for the monitoring and safeguard of nuclear sites and for the management and safety of radioactive waste disposal
<i>Main activities and responsibilities</i>	Expert advice
<i>Name and address of employer</i>	IFFI - Fondazione per lo Sviluppo Sostenibile and SOGIN - Societa Gestione Impianti Nucleari
<i>Type of business or sector</i>	Nuclear waste disposal
<i>Dates</i>	2014 - 2016
<i>Occupation or position held</i>	Scientific Coordinator.
<i>Main activities and responsibilities</i>	The UNESCO initiative on Sustainable Monitoring Techniques for Assessing Instability of Slopes in the Siq of Petra, Jordan
<i>Name and address of employer</i>	International Consortium on Landslides/International Programme on Landslides
<i>Type of business or sector</i>	Rock mechanic and cultural heritage conservation
<i>Dates</i>	December 2014 - until present
<i>Occupation or position held</i>	Vice President
<i>Main activities and responsibilities</i>	Capacity building in emergency management
<i>Name and address of employer</i>	CERFED (Research Centre for Capacity Building and Documentation in the sector of Civil Protection).
<i>Type of business or sector</i>	Civil protection
<i>Dates</i>	September 2014 - December 2014
<i>Occupation or position held</i>	Rock mechanic specialist Consultant
<i>Main activities and responsibilities</i>	Structural investigation and stability condition of Sakdrisi golden mine in Georgia
<i>Name and address of employer</i>	National Agency for Cultural Heritage Preservation of Georgia
<i>Type of business or sector</i>	Rock mechanic analysis and structural engineering assessment
<i>Dates</i>	March 2014 - December 2014
<i>Occupation or position held</i>	Coordinator
<i>Main activities and responsibilities</i>	Multidisciplinary survey and monitoring of the "Vardzia rock cut complex (Georgia)
<i>Name and address of employer</i>	National Agency for Cultural Heritage Preservation of Georgia
<i>Type of business or sector</i>	Rock mechanic analysis and structural engineering assessment
<i>Dates</i>	March 2014 - May 2014
<i>Occupation or position held</i>	Rock mechanic specialist
<i>Main activities and responsibilities</i>	Structural investigation and stability condition of UNESCO rock Grotto of Seokguram (South Korea)
<i>Name and address of employer</i>	ICOMOS Korea and Korean Ministry of Cultural Heritage
<i>Type of business or sector</i>	Rock mechanic analysis and structural engineering assessment
<i>Dates</i>	From 2013 until present
<i>Occupation or position held</i>	Expert consultant for UNESCO

<i>Main activities and responsibilities</i>	Conservation of the underground structure and related mural paintings of Bayannuur tomb (Mongolia)
<i>Name and address of employer</i>	UNESCO (Beijing) and Ministry of Culture of Mongolia
<i>Type of business or sector</i>	Conservation of underground cultural heritages from structural degradation and water infiltration
<i>Dates</i>	2013 -2014
<i>Occupation or position held</i>	Expert consultant for UNESCO
<i>Main activities and responsibilities</i>	Preparation of a position paper on the influence of geology and rock characteristics on historic urban landscapes (to support the UN Convention Concerning the Protection of the World Cultural and Natural Heritage)
<i>Name and address of employer</i>	UNESCO, Paris
<i>Type of business or sector</i>	Architecture and monument conservation
<i>Dates</i>	From 2012 until present
<i>Occupation or position held</i>	Coordinator
<i>Main activities and responsibilities</i>	Landslides and Cultural and Natural Heritage Network
<i>Name and address of employer</i>	International Consortium on Landslides
<i>Type of business or sector</i>	Coordination of a network of research institutions and scientists
<i>Dates</i>	2012 -2017
<i>Occupation or position held</i>	Adjunct Professor
<i>Main activities and responsibilities</i>	Three yearly courses of "Fundamentals of Geothermal Energy I" and "Fundamentals of Geothermal Energy II" and "Thermogeology"
<i>Name and address of employer</i>	ICARE Consortium EU/China (Huazong University of Science and Technology, Wuhan, China)
<i>Type of business or sector</i>	University courses
<i>Dates</i>	2012 November
<i>Occupation or position held</i>	European Commission project evaluator
<i>Main activities and responsibilities</i>	Peer reviewing of EU project for funding
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Expert evaluation
<i>Dates</i>	2012
<i>Occupation or position held</i>	Expert Commission Member
<i>Main activities and responsibilities</i>	Evaluating the impact of the June 2012 Earthquake (Northern Italy) on the Cultural Heritage sites of the region
<i>Name and address of employer</i>	UNESCO
<i>Type of business or sector</i>	Conservation of cultural heritages from earthquakes and other environmental issues (Engineering geology, engineering seismology, earthquake engineering)
<i>Dates</i>	From 2011 until now
<i>Occupation or position held</i>	Scientific Coordinator
<i>Main activities and responsibilities</i>	Supporting UNESCO in soil erosion stabilization of the archaeological citadel of Shar-e-Zohak (Afghanistan).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	2011 December
<i>Occupation or position held</i>	Expert Representative

<i>Main activities and responsibilities</i>	ICCROM representative in the Expert Working Group for the Preservation of the Safeguarding of Cultural Landscape and Archaeological Remains of Bamiyan valley World Heritage Property in Tokyo (Japan).
<i>Name and address of employer</i>	ICCROM
<i>Type of business or sector</i>	Rock mechanics and cultural heritage conservation
<i>Dates</i>	From 2011 until present
<i>Occupation or position held</i>	Expert consultant for the National Agency for Cultural Heritage Preservation of Georgia
<i>Main activities and responsibilities</i>	Conservation of Byzantine Monasteries of Vardzia
<i>Name and address of employer</i>	Tbilisi, Georgia
<i>Type of business or sector</i>	Conservation of cultural heritages from rock-slides and other environmental issues
<i>Dates</i>	From 2011 until present
<i>Occupation or position held</i>	Expert consultant for the National Agency for Cultural Heritage Preservation of Georgia
<i>Main activities and responsibilities</i>	Conservation of Byzantine Monasteries of Katski Column
<i>Name and address of employer</i>	Tbilisi, Georgia
<i>Type of business or sector</i>	Conservation of cultural heritages from rock-slides and other environmental issues
<i>Dates</i>	2011 - 2014
<i>Occupation or position held</i>	Member of the Italian Board
<i>Main activities and responsibilities</i>	IUGS-IAEG (International Union of Geological Sciences - International Association of Engineering Geology) Elected Member of the Italian Board
<i>Name and address of employer</i>	International Association of Engineering Geology
<i>Type of business or sector</i>	Promoting Engineering Geology
<i>Dates</i>	2011 - 2014
<i>Occupation or position held</i>	Scientific Director
<i>Main activities and responsibilities</i>	Geothermal water research in Viterbo (Central Italy)
<i>Name and address of employer</i>	Il Bacucco SRL
<i>Type of business or sector</i>	Direct use of geothermal water
<i>Dates</i>	2010-2011
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in the conservation project of Akapana pyramid (Tiwanaku complex, Bolivia).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	From 2010 until now
<i>Occupation or position held</i>	Member of the Scientific Advisory Body
<i>Main activities and responsibilities</i>	Promoting the environment protection and safeguard
<i>Name and address of employer</i>	Fondazione Univerde
<i>Type of business or sector</i>	Environment protection and natural disaster mitigation
<i>Dates</i>	From 2010 until now
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in managing and protecting the 5 <sup>th</sup> leaning minaret of Herat (Afghanistan).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France

<i>Type of business or sector</i>	Conservation of cultural heritages from settlemts and other environmental issues (Engineering geology, soil mechanics, natural and climate change)
<i>Dates</i>	2010
<i>Occupation or position held</i>	European Commission project evaluator
<i>Main activities and responsibilities</i>	Peer reviewing of EU project for funding
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Expert evaluation
<i>Dates</i>	From 2009 until present
<i>Occupation or position held</i>	Member of Association
<i>Main activities and responsibilities</i>	Member of the Informal Group for Geothermal Energy and Environment
<i>Name and address of employer</i>	Informal Group for Geothermal Energy and Environment (c/o University of Florence)
<i>Type of business or sector</i>	Promoting use of geothermal energy
<i>Dates</i>	From 2009 until present
<i>Occupation or position held</i>	Member of Committee
<i>Main activities and responsibilities</i>	Member of the ATC19 Geoengineering for conservation of cultural heritage and historical site
<i>Name and address of employer</i>	International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) Asian Regional Technical Committee n. 19 (ATC19) Geoengineering for conservation of cultural heritage and historical sites
<i>Type of business or sector</i>	Promoting Soil mechanics and cultural heritage conservation
<i>Dates</i>	From June 2009 until 2013
<i>Occupation or position held</i>	Project manager
<i>Main activities and responsibilities</i>	Developing a cliff stabilisation project for the conservation of archaeological site of Orongo, Easter Island (Chile)
<i>Name and address of employer</i>	Corporación Nacional Forestal (CONAF) from Easter Island (Chile) and Fondazione Marenostrum (Carrara, Italy)
<i>Type of business or sector</i>	Rock mechanic, Conservation of cultural heritages from rock slide
<i>Dates</i>	From November 2009 until 2013
<i>Occupation or position held</i>	Vice President of International Consortium on Landslide
<i>Main activities and responsibilities</i>	Promoting landslide awareness worldwide; developing science and technology for landslide prevention and mitigation; organising and chairing the second World Landslide Forum in FAO, Italy, October 2011.
<i>Name and address of employer</i>	International Consortium on Landslides, Research Centre on Landslides Disaster Prevention Research Institute Kyoto University Uji, Kyoto 611-0011, Japan
<i>Type of business or sector</i>	Research and risk awareness
<i>Dates</i>	2009 April 3-8
<i>Occupation or position held</i>	Consultant
<i>Main activities and responsibilities</i>	Contribution to the UNESCO Rock Art and the World Heritage Convention. Agenda. International Experts Meeting. Ukhahlamba/ Drakensberg Park
<i>Name and address of employer</i>	UNESCO, Paris (France)
<i>Type of business or sector</i>	Rock art conservation
<i>Dates</i>	From 2009 until present
<i>Occupation or position held</i>	Founder of Energialtalia
<i>Main activities and responsibilities</i>	Project Manager in the field of renewable energy

<i>Name and address of employer</i>	Via Mario de Fani (Rome) Italy
<i>Type of business or sector</i>	Photovoltaic and geothermal renewable energy
<i>Dates</i>	From 2009 until present
<i>Occupation or position held</i>	Member of the Scientific Advisory Board
<i>Main activities and responsibilities</i>	Communication in the field of natural disasters
<i>Name and address of employer</i>	EEDI (Eventi Estremi e Disastri - Centro Euro Mediterraneo di Documentazione), Spoleto, Italy
<i>Type of business or sector</i>	Science
<i>Dates</i>	From March 2009 until present
<i>Occupation or position held</i>	Responsible for coordination and development of international affairs
<i>Main activities and responsibilities</i>	Development of projects at international level, internal coordination of initiatives such as GEOSS, GMES of the European Commission, representing the Italian Geological Survey at international level such as Eurogeosurveys, etc.
<i>Name and address of employer</i>	ISPRA - Italian Institute for environmental protection and research (Former APAT, Italian Environmental Agency) Dpt. Geological Survey of Italy, Via Curtatone, 3 - 00185 Rome (Italy)
<i>Type of business or sector</i>	Environmental protection and research, rock mechanics, landslides, land use planning and management, cultural heritage protection and conservation
<i>Dates</i>	From 2009 until present
<i>Occupation or position held</i>	Founder of CETRI-TIRES European Centre for the third industrial revolution, European branch of FET (Foundation of Economic Trends) from Jeremy Rifkin.
<i>Main activities and responsibilities</i>	Developing geothermal energy for a cleaner and sustainable environment
<i>Name and address of employer</i>	Rome and Brussels (Italy)
<i>Type of business or sector</i>	Geothermal energy
<i>Dates</i>	From January 2009 to April 2009
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Developing a cliff stabilisation project for the conservation of archaeological site of Maaloula (Siria)
<i>Name and address of employer</i>	Ministry of Education and Culture in Siria
<i>Type of business or sector</i>	Rock mechanics, Conservation of cultural heritages from rock slide
<i>Dates</i>	From June 2008 to December 2011
<i>Occupation or position held</i>	Scientific director
<i>Main activities and responsibilities</i>	Developing and implementing geophysical investigations for the protection and conservation of MOAI Statue from Easter Island (Chile)
<i>Name and address of employer</i>	Fondazione Louis Vuitton (Paris, France) and Fondazione Marenostrum (Carrara, Italy)
<i>Type of business or sector</i>	Conservation of cultural heritages from rock weathering and other environmental issues
<i>Dates</i>	From January 2008 to August 2008
<i>Occupation or position held</i>	President of Scientific Advisory Board of the Italian Ministry of Environment (Minister decree)
<i>Main activities and responsibilities</i>	Advising the Minister of Environment and Director Generals on the scientific importance of policies and strategies to be implemented.
<i>Name and address of employer</i>	Ministry of Environment, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Advisor
<i>Dates</i>	March 2008 until December 2008
<i>Occupation or position held</i>	President of the Italian Observatory for hydrogeological disasters and water protection (Minister of Environment Decree).



<i>Main activities and responsibilities</i>	Accounting cost and benefit for public expenditure in the section of prevention and mitigation of hydrogeological disasters.
<i>Name and address of employer</i>	Ministry of Environment, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Managing information for better Government strategies
<i>Dates</i>	From August 2007 to March 2009
<i>Occupation or position held</i>	Staff of the President
<i>Main activities and responsibilities</i>	Supporting the relationship between the Agency and the Ministry of Environment in the field of climate change and hydrogeological disasters
<i>Name and address of employer</i>	ISPRA - Italian Institute for environmental protection and research (Former APAT, Italian Environmental Agency) Dpt. Geological Survey of Italy, Via Curtatone, 3 - 00185 Rome (Italy)
<i>Type of business or sector</i>	Research
<i>Dates</i>	From January 2007 to Decemmbber 2007
<i>Occupation or position held</i>	Member of Scientific Advisory board of National Climate Change Conference
<i>Main activities and responsibilities</i>	Coordinating the successful celebration of the Conference
<i>Name and address of employer</i>	Ministry of Environment and Land and Sea Protection, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Dissemination
<i>Dates</i>	From December 2007 to May 2008
<i>Occupation or position held</i>	Advisor of the Italian Minister of "Environment and Land and Sea Protection" for development and funding of prevention and mitigation programmes in the field of hydrogeological disaster and water protection (Minister Decree)
<i>Main activities and responsibilities</i>	Supporting and advising the Minister on the coordination and development of initiatives in the field of climate change, and prevention and mitigation of hydrogeological disasters. Coordinator of the Italian Conference of climate change and hydrogeological disasters (Naples July 2007) and co-coordinator of the Italian General Conference on Adaptation to climate Change, December 2007, Rome (Chaired by President of Italian Republic)
<i>Name and address of employer</i>	Ministry of Environment, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Transfer knowledge to public administration
<i>Dates</i>	From November 2006 to November 2009
<i>Occupation or position held</i>	Assistant to President of International Consortium on Landslide
<i>Main activities and responsibilities</i>	Promoting landslide awareness worldwide; developing science and technology for landslide prevention and mitigation
<i>Name and address of employer</i>	International Consortium on Landslides, Research Centre on Landslides Disaster Prevention Research Institute Kyoto University Uji, Kyoto 611-0011, Japan
<i>Type of business or sector</i>	Research and risk awareness
<i>Dates</i>	From 2006 to 2009
<i>Occupation or position held</i>	Member of the UNESCO-IGCP scientific committee from 2006-2008
<i>Main activities and responsibilities</i>	Supporting UNESCO in the activities for the implementation of the International Geological Correlation Programme
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Advising UN organization
<i>Dates</i>	September 2005
<i>Occupation or position held</i>	Teacher

<i>Main activities and responsibilities</i>	Teacher on the UNESCO course for cultural heritage management and conservation in Pyong Yang, Dem. People's Rep. of Korea
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Capacity building
<i>Dates</i>	From March 2005 to April 2005
<i>Occupation or position held</i>	Contract professor on the high specialization course on Cultural heritage, course of engineering geology
<i>Main activities and responsibilities</i>	Teacher
<i>Name and address of employer</i>	Università della Tuscia di Viterbo, Faculty of culutal heritage conservation, Largo dell'Università (già S. Camillo De Lellis) s.n.c. (loc. Riello) 01100, Viterbo
<i>Type of business or sector</i>	Education
<i>Dates</i>	2005 - 2007
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in managing and protecting the Jam leaning minaret of Jam (Afghanistan).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	2005 until 2013
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Coordinating the UNESCO conservation project from water infiltration of Kogurio tombs in Pyongyang (North Korea).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	2004-2007
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in geotechnical and environmental aspects concerning the return of Aksum obelisk from Rome to Aksum (Ethiopia).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	2004 - 2007
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in the conservation of rock hewn Churches of Laibela (Ethiopia).
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	From November 2003 to September 2010
<i>Occupation or position held</i>	Contract Professor in the University of Modena and Reggio Emilia, in academy years, 2003-2004, 2004-2005, 2005-2006, 2006-2007, and 2007-2008, 2008-2009 and 2009 - 2010 responsible for the courses on Engineering Geology for Cultural Heritage and "Engineering geology for the protection of archaeological heritages".
<i>Main activities and responsibilities</i>	University Adjunct Professor

<i>Name and address of employer</i>	University of Modena and Reggio Emilia, largo Sant'Eufemia, 19 - 41121 Modena (Italy)
<i>Type of business or sector</i>	University
<i>Dates</i>	2003 - 2004
<i>Occupation or position held</i>	Co-coordinator
<i>Main activities and responsibilities</i>	Plaeo environmental map of Italy during the last two climatic extremes (8.500 yy. BP and 21.500 yy. BP)
<i>Name and address of employer</i>	ENEA and University of Bologna
<i>Type of business or sector</i>	Plaeoclimatology
<i>Dates</i>	From 2002 to 2008
<i>Occupation or position held</i>	Scientific Coordinator.
<i>Main activities and responsibilities</i>	The geomorphological instability of the Buddha niches and surrounding cliff in Bamiyan valley (Central Afghanistan)
<i>Name and address of employer</i>	International Consortium on Landslides(International Programma on Landslides
<i>Type of business or sector</i>	Rock mechanic and cultural heritage conservation
<i>Dates</i>	From 2002 to 2006
<i>Occupation or position held</i>	Member of the Advisory Group of the VII° Framework Program of the European Commission, Directorate Environment, DG Research, Global Change and Ecosystems (2002-2006), on assignment of the European Commissioner to the Research Mr. Philippe Busquin.
<i>Main activities and responsibilities</i>	Managing and proposing future research themes, projects and activities in the field of global change and ecosystems
<i>Name and address of employer</i>	European Commission, DG Research, SDME 2/2 B-1049 Brussels - Belgium
<i>Type of business or sector</i>	Managing research
<i>Dates</i>	From November 2002 to November 2006
<i>Occupation or position held</i>	Treasures of International Consortium on Landslides
<i>Main activities and responsibilities</i>	Financial account of International Consortium on Landslides; promoting landslide awareness worldwide; developing science and technology for landslide prevention and mitigation
<i>Name and address of employer</i>	International Consortium on Landslides, Research Centre on Landslides Disaster Prevention Research Institute Kyoto University Uji, Kyoto 611-0011, Japan
<i>Type of business or sector</i>	Research and risk awareness
<i>Dates</i>	From 2002 until now
<i>Occupation or position held</i>	Expert consultant
<i>Main activities and responsibilities</i>	Supporting UNESCO in managing and protecting world heritage site of Bamiyan, Afghanistan.
<i>Name and address of employer</i>	UNESCO, 7, place de Fontenoy 75352 Paris 07 SP France
<i>Type of business or sector</i>	Conservation of cultural heritages from landslides and other environmental issues (Engineering geology, natural hazards, climate change)
<i>Dates</i>	2001-2005
<i>Occupation or position held</i>	Project manger
<i>Main activities and responsibilities</i>	Coordination of projects and personnel in the field of climate change, paleoclimatology, engineering geology, prevention and mitigation of natural hazards. In the period 2003 -2004 developing the paleo-environmental map of Italy during the last two climatic extremes warm of 8.500 y.b.p and cold 22.500 y.b.p.
<i>Name and address of employer</i>	ENEA - Italian Agency for New Technologies Energy and Environment Via Abguillarese, 301 - 00060 S. Maria di Galeria (Rome, Italy)
<i>Type of business or sector</i>	Research

<i>Dates</i>	For September 2000 to July 2007
<i>Occupation or position held</i>	Responsible of the area " environmental hazards and cultural heritages"
<i>Main activities and responsibilities</i>	Implementing natural and cultural heritage protection from natural hazards and climate change
<i>Name and address of employer</i>	Consorzio Civita, Piazza Venezia, 3 - 00195 Roma (Italy)
<i>Type of business or sector</i>	Public-private consortium
<i>Dates</i>	From November 2000 to September 2002
<i>Occupation or position held</i>	Contract Professor in the University of Modena and Reggio Emilia, in academy years, 2000-2001, 2001-2002, responsible for the course on Fundaments of Engineering Geology.
<i>Main activities and responsibilities</i>	University Professor
<i>Name and address of employer</i>	University of Modena and Reggio Emilia, largo Sant'Eufemia, 19 - 41121 Modena (Italy)
<i>Type of business or sector</i>	University
<i>Dates</i>	From March 2000 to November 2002
<i>Occupation or position held</i>	Expert member, in the National Commission for Environmental Impact Assessment of the Minister of Environment (2000-2002), related to the energy plants of Simeri Crichi (CZ), Tito (Pz), Moncalieri (To), Orta di Atella (Ce), Sannazzaro de Burgondi (To). Official Decree from the Minister of Environment of Italy.
<i>Main activities and responsibilities</i>	Evaluating proposed power plant on the Italian territory
<i>Name and address of employer</i>	Ministry of Environment, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Environmental impact assessment
<i>Dates</i>	1999 - 2002
<i>Occupation or position held</i>	Scientific Coordinator
<i>Main activities and responsibilities</i>	Hydrogeological disasters and prevention policies in Italy
<i>Name and address of employer</i>	Ministry of Environment, Via Cristoforo Colombo, n. 44 00147 - Roma (Italia)
<i>Type of business or sector</i>	Hydrogeological disasters and mitigation
<i>Dates</i>	1998 - 2002
<i>Occupation or position held</i>	Responsible research unit
<i>Main activities and responsibilities</i>	Landslide hazard assessment and mitigation for cultural heritage sites and other locations of high societal value
<i>Name and address of employer</i>	IUGS-UNESCO
<i>Type of business or sector</i>	Landslide science
<i>Dates</i>	1998
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Revision of seismic safety condition for the Slovack Republik Nuclear power plants of Mohovche and Bohunice.
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	1996 - 1996
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Landslide inventory after the flood crises of June 1996 in Versilia
<i>Name and address of employer</i>	ENEA - Regional Administration of Tuscany
<i>Type of business or sector</i>	Landslide

<i>Dates</i>	1995
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Revision of IAE Guidelines: <i>Revision Procedure and Methodology for Historical Earthquake Investigation</i>
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	1995
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Revision of seismic safety condition for the South Korea Nuclear power plants.
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	From January 1993 to July 2000
<i>Occupation or position held</i>	Deputy General Manager
<i>Main activities and responsibilities</i>	Implementing natural and cultural heritage protection from natural hazards and climate change
<i>Name and address of employer</i>	Consorzio Civita, Piazza Venezia, 3 - 00195 Roma (Italy)
<i>Type of business or sector</i>	Public-private consortium
<i>Dates</i>	1995 - 2001
<i>Occupation or position held</i>	European Commission project evaluator
<i>Main activities and responsibilities</i>	Peer reviewing of EU project for funding
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Expert evaluation
<i>Dates</i>	1995 - 1997
<i>Occupation or position held</i>	Italian Co-coordinator
<i>Main activities and responsibilities</i>	G7 Information Society, Project pilot n. 7 " <i>Global Emergency Management Information Network Initiative</i> ".
<i>Name and address of employer</i>	ENEA - Dept of Interiors, Italian Civil Protection
<i>Type of business or sector</i>	Emergency management
<i>Dates</i>	From December 1995 to July 2001
<i>Occupation or position held</i>	Responsible of the section geological dynamics and territory
<i>Main activities and responsibilities</i>	Coordination of projects and personnel in the field of climate change, paleoclimatology, engineering geology, prevention and mitigation of natural hazards. Scientific coordinator of European Commission research projects.
<i>Name and address of employer</i>	ENEA - Italian Agency for New Technologies Energy and Environment Via Abguillarese, 301 - 00060 S. Maria di Galeria (Rome, Italy)
<i>Type of business or sector</i>	Research
<i>Dates</i>	1994
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Revision of seismic safety condition for the Slovak Republic Power Plant, with respect to 1443 earthquake.
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants

<i>Dates</i>	1994 May
<i>Occupation or position held</i>	Delegate of Italian Government
<i>Main activities and responsibilities</i>	UNITED NATIONS - INTERNATIONAL DECADES FOR NATURAL DISASTER REDUCTION World Conference of Yokohama, Committee n. 6 "Interrelationship between Natural and technological disasters"
<i>Name and address of employer</i>	United Nation - International Strategy for Disaster Reduction
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	1994 - 1995
<i>Occupation or position held</i>	Coordinator
<i>Main activities and responsibilities</i>	Field mission in the areas affected by extreme flooding in Northern Italy, 1994
<i>Name and address of employer</i>	European Commission, DG Research
<i>Type of business or sector</i>	Landslide science
<i>Dates</i>	1993
<i>Occupation or position held</i>	Expert
<i>Main activities and responsibilities</i>	Revision of seismic catalogue and archaeoseismicity of Syria, with respect to nuclear siting.
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	From May 1993 to July 1995
<i>Occupation or position held</i>	Director of the Division of earth science
<i>Main activities and responsibilities</i>	Coordination of projects and personnel in the field of paleoclimatology, engineering geology, prevention and mitigation of natural hazards. Scientific coordinator of European Commission research projects.
<i>Name and address of employer</i>	ENEA - Italian Agency for New Technologies Energy and Environment Via Abguillarese, 301 - 00060 S. Maria di Galeria (Rome, Italy)
<i>Type of business or sector</i>	research
<i>Dates</i>	From 1991 to 1997
<i>Occupation or position held</i>	Consultant
<i>Main activities and responsibilities</i>	evaluation of the seismic safety conditions of the nuclear power plants and/or sites in Iraq, Korea of the South, Syria, Slovakian Republic.
<i>Name and address of employer</i>	International Atomic Energy Agency P.O. Box 100 Wagramer Strasse 5; A-1400 Vienna, Austria
<i>Type of business or sector</i>	Safety of nuclear power plant
<i>Dates</i>	From June 1990 to April 1993
<i>Occupation or position held</i>	Director of the Division of extreme events
<i>Main activities and responsibilities</i>	Coordination of projects and personnel in the field of prevention and mitigation of natural hazards
<i>Name and address of employer</i>	ENEA - Italian Agency for New Technologies Energy and Environment Via Abguillarese, 301 - 00060 S. Maria di Galeria (Rome, Italy)
<i>Type of business or sector</i>	research
<i>Dates</i>	1993
<i>Occupation or position held</i>	ENEA responsible
<i>Main activities and responsibilities</i>	Memorandum of Understanding to support UNESCO during the International Decades for Disaster Reduction
<i>Name and address of employer</i>	ENEA - UNESCO
<i>Type of business or sector</i>	Support to UNESCO
<i>Dates</i>	1990
<i>Occupation or position held</i>	Expert



<i>Main activities and responsibilities</i>	Revision of seismic safety condition for the Iraq Nuclear Power Plant siting (Bagdad, Tikrit and Mosul).
<i>Name and address of employer</i>	IAEA - United Nation International Atomic Energy Agency
<i>Type of business or sector</i>	Seismic safety of Nuclear Power Plants
<i>Dates</i>	From July 1983 to June 1990
<i>Occupation or position held</i>	Researcher in the field of seismotectonics, historical seismicity and engineering seismology
<i>Main activities and responsibilities</i>	
<i>Name and address of employer</i>	ENEA - Italian Agency for New Technologies Energy and Environment Via Abguillarese, 301 - 00060 S. Maria di Galeria (Rome, Italy)
<i>Type of business or sector</i>	Research in the field of extreme events for nuclear power plant siting

### University teaching and international research fellowship

<i>Dates</i>	01/1984 - 03/1983
<i>University</i>	Imperial college of Science and Technology, London (UK)
<i>Course</i>	Academic visitor in Engineering seismology
<i>Dates</i>	11/1999 - 11/2000
<i>University</i>	Università degli Studi di Modena e Reggio Emilia (Italy)
<i>Course</i>	Advances in Engineering Geology
<i>Dates</i>	02/2000 - 02/2000
<i>University</i>	Regione dell'Umbria-Alta Scuola
<i>Course</i>	Stabilizzazione e conservazione dei centri storici in territori instabili
<i>Dates</i>	11/2000 - 1/2001
<i>University</i>	Università degli Studi di Modena e Reggio Emilia (Italy)
<i>Course</i>	Advances in Engineering Geology
<i>Dates</i>	11/2010 - 11/2011
<i>University</i>	University of Florence (Italy)
<i>Course</i>	Advances course in Prevention of Geological and Geoenvironmental Risks
<i>Dates</i>	02/2003 - 02/2003
<i>University</i>	University of Florence (Italy)
<i>Course</i>	Advances course in Prevention of Geological and Geoenvironmental Risks
<i>Dates</i>	11/2003 11/2004
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Advances in Engineering Geology
<i>Dates</i>	11/2004 11/2005
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -

<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2004 11/2005
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of archaeological heritages
<i>Dates</i>	11/2004 11/2005
<i>University</i>	Universita della Tuscia, Viterbo (Italy)
<i>Course</i>	Specialisation course on Enginnering Geology for the protection of Cultural Heritages
<i>Dates</i>	05/2005 05/2005 (2 weeks)
<i>University</i>	UNESCO
<i>Course</i>	Pyong Yang (North Korea): Conservation of Cultural Heritages from geological threats
<i>Dates</i>	11/2005 11/2006
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2005 11/2006
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of archaeological heritages
<i>Dates</i>	11/2006 11/2007
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2006 11/2007
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of archaeological heritages
<i>Dates</i>	11/2007 11/2008
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2007 11/2008
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of archaeological heritages
<i>Dates</i>	11/2008 11/2008
<i>University</i>	University of Florence (Italy)
<i>Course</i>	Advances course in "New building code and legislation in Seismic areas"
<i>Dates</i>	11/2008 - 11/2008
<i>University</i>	Università di Roma "La Sapienza", Faculty of Engineering, Rome (Italy)
<i>Course</i>	Environmental Impact Assessment and Landscape Impact
<i>Dates</i>	11/2008 11/2009

<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2008 11/2009
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of archaeological heritages
<i>Dates</i>	02/2009 - 02/2009
<i>University</i>	University of Florence (Italy)
<i>Course</i>	Advances course in "New building code and legislation in Seismic areas"
<i>Dates</i>	01/2010 11/2010
<i>University</i>	University Politecnico of Milano, Faculty of Civil Engineering
<i>Course</i>	Preservation of historic centres in hazardous areas
<i>Dates</i>	11/2009 11/2010
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	11/2010 11/2011
<i>University</i>	Università degli Studi di Modena e Reggio Emilia -
<i>Course</i>	Engineering geology for the protection of cultural heritages
<i>Dates</i>	06/2012 06/2012
<i>University</i>	Bamyian University (Afghanistan)
<i>Course</i>	Visiting professor
<i>Dates</i>	04/2012 04/2012
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Fundamental of Geothermal Energy I
<i>Dates</i>	11/2012 11/2013
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Geothermal Energy II
<i>Dates</i>	04/2013 04/2013
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Fundamental of Geothermal Energy I
<i>Dates</i>	11/2013 11/2013
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Geothermal Energy II
<i>Dates</i>	01/2014 - 01/2014

<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Geothermal Energy II and Thermogeology
<i>Dates</i>	03/2014 - 03/2014
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Foundamental of Geothermal Energy I
<i>Dates</i>	10/2014 - 10/2014
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Geothermal Energy II
<i>Dates</i>	01/2015 - 01/2015
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Foundamental of Geothermal Energy I
<i>Dates</i>	01/2015 - 01/2015
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Thermogeology
<i>Dates</i>	04/2015 - 04/2015
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Geothermal Energy II
<i>Dates</i>	04/2015 - 04/2015
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Thermogeology
<i>Dates</i>	12/2015 - 12/2015
<i>University</i>	Huazong University of Science and Technology (Wuhan, Cina), ICARE Centre on behalf Univ. La Sapienza (Roma)
<i>Course</i>	Foundamental of Geothermal Energy I

**Conferences, workshop,  
symposia directly organised**

Ottobre 1987

ENEA - UNITED NATIONS (INTERNATIONAL ATOMIC ENERGY AGENCY) - ROME CRE CASACCIA (ITALY) Historical seismicity of Central Eastern mediterranean Region (co-organizzatore).

Maggio 1990

ENEA - ASSOCIAZIONE CIVITA - ONG (S. MARTINO AL CIMINO - ITALIA) Studio, monitoraggio e bonifica dei centri abitati instabili (co-organizzatore).

Aprile 1991

ENEA - ASSOCIAZIONE CIVITA - ONG (VITERBO - ITALIA) Il monitoraggio strumentale delle aree instabili (co-organizzatore).

Maggio 1991

ENEA - CNR/GNDT - ASSOCIAZIONE CIVITA (VITERBO - ITALIA) Edifici, Storia, Terremoti (coorganizzatore).

Ottobre 1990

ENEA - ASSOCIAZIONE CIVITA - COMUNE DI BAGNOREGIO Telerilevamento e dissesto idrogeologico (co-organizzatore).

Marzo 1991

ENEA - ACADEMY OF SCIENCE OF CZECHOSLOVAK REPUBLIC Historical seismicity in Czechoslovakia and historical depiction (Simposio interno ENEA - organizzatore).

Luglio 1992

WORLD CONFERENCE ON EARTHQUAKE ENGINEERING - MADRID (SPAIN) Special Symposium on "New approach to the use and interpretation of historical seismic data" (Segretario del Simposio).

Marzo 1993

COMMISSION OF EUROPEAN COMMUNITIES - CEC - CIVITA DI BAGNOREGIO (ITALIA) Meteorological factors influencing slope stability and slope movement type: evaluation of hazard prone areas (first meeting) (organizzatore).

Maggio 1993 ENEA - COMUNE DI ISCHIA DI CASTRO

Studi geomorfologici sulle instabilità di pendio del Capoluogo comunale.

3 Settembre 1993

ENEA-Associazione Civita Accompagnatore e guida scientifica del Principe Carlo di Inghilterra ai lavori di consolidamento della rupe di Civita di Bagnoregio

Febbraio 1994

COMMISSION OF EUROPEAN COMMUNITIES - CEC - COURMAYEUR (ITALIA) Meteorological factors influencing slope stability and slope movement type: evaluation of hazard prone areas (second meeting) (co-organizzatore).

Maggio 1994

UNESCO - WORLD CONFERENCE ON NATURAL DISASTERS REDUCTION - YOKOHAMA (JAPAN) Poster session (Co-organiser)

Agosto 1994

ENEA - SYRIAN ATOMIC ENERGY COMMISSION Archeoseismicity and historical seismicity in Syria (Symposio interno ENEA - organizzatore).

Febbraio 1995

COMMISSION OF EUROPEAN COMMUNITIES - CEC - GRANADA (SPAIN) Meteorological factors influencing slope stability and slope movement type: evaluation of hazard prone areas (third meeting) (Co-organizzatore).

Luglio 1995

G7 - INFORMATION SOCIETY Meeting nazionale del progetto pilota n.7 "Global Emergency Management" (Co-organizzatore)

Ottobre 1995

ENEA - ISRAELIAN GEOLOGICAL SURVEY Archeoseismicity and historical seismicity in Israel (Symposio interno ENEA - organizzatore)

Maggio 1996

COMMISSIONE EUROPEA Organizzazione della scuola per giovani ricercatori su "Floods and landslides: integrated risk assessment" (Co-organizzatore).

Luglio 1996

COMMISSIONE EUROPEA Presentazione, alla presenza del Sottosegretario alla Protezione Civile, del Presidente del CNR, del Presidente dell'ENEA, del Presidente del Consorzio Civita, dell'Autorità di Bacino del Po e del Prof. F. Siccardi, del Volume "Meteorological events and Natural Disasters - An appraisal of the Piedmont case history of 4-6 November 1994 by a EC field mission".

Settembre 1996

G7 - INFORMATION SOCIETY III meeting internazionale del progetto pilota n.7 "Global Emergency Management Information Network Initiative". Apertura dei lavori del Sottosegretario alla Protezione Civile e del Presidente dell'ENEA (Co-organizzatore).

Settembre 1996

COMMISSIONE EUROPEA Final meeting of EC Project "Meteorological Factors Influencing Slope Stability and Slope Movement Type: evaluation of hazard prone areas (organizzatore).

Aprile 1997

ENEA- RUSSIAN ACADEMY OF SCIENCE Seminario del prof. V. Keilis-Borok e del Prof. L. Pietronero (organizzatore).

Settembre 1998

COMMISSIONE EUROPEA Responsabile scientifico di una scuola di formazione per giovani ricercatori dal titolo "Rischi naturali e sviluppo sostenibile", Orvieto.

4 maggio 1999

COMMISSIONE EUROPEA Responsabile scientifico di un workshop dal titolo "Tools for planning in seismic areas: integrated approach and data availability", Brussels.

4 Novembre 1999

FORUM DISSESTO IDROGEOLOGICO Responsabile scientifico ed organizzatore del workshop "futuro sostenibile e disastri naturali" Roma.

Novembre 1999

NATO ASI Collaborazione all'organizzazione di una scuola della NATO Advanced Study Institute su "copying with flash floods" Ravello 8-18 Novembre 1999

Agosto 2000

INTERNATIONAL GEOLOGICAL CONFERENCE Co-organizzazione di una sessione del Congresso mondiale di geologia di Rio de Janeiro (agosto 2000 geology and sustainable development for the third millenuim) dal titolo "Salvaguardia dei beni culturali dai rischi naturali".

Settembre 2001

FEDERAZIONE NAZIONALE DI SCIENZE DELLA TERRA Organizzazione e chairman della sessione relativa alla salvaguardia dei beni culturali dai rischi naturali.

Gennaio 2002

UNESCO - KYOTO UNIVERSITY, DISASTER PREVENTION INSTITUTE Conference on cultural heritage at risk, chairman of session on landslide hazard assessment and mapping.

22-24 Maggio 2002

Quarta Conferenza MondoGis Organizzazione sessione Poster Università e Ricerca: l'Enea per l'ambiente



AUGUST 2004

32ND INTERNATIONAL GEOLOGICAL CONGRESS OF FIRENZE MEMBRO DEL COMITATO SCIENTIFICO

AUGUST 2004

32ND INTERNATIONAL GEOLOGICAL CONGRESS OF FIRENZE RESPONSABILE DEI RAPPORTI CON LA COMMISSIONE EUROPEA

AUGUST 2004

32ND INTERNATIONAL GEOLOGICAL CONGRESS OF FIRENZE MEMBRO DEL FUND RAISING COMMITTEE.

AUGUST 2004

32ND INTERNATIONAL GEOLOGICAL CONGRESS OF FIRENZE  
CO-COORDINATORE DEL SYMPOSIUM SPECIALE SU GEOLOGIA E BENI CULTURALI..

AUGUST 2004

32ND INTERNATIONAL GEOLOGICAL CONGRESS OF FIRENZE CO-COORDINATORE DEL WORKSHOP DELLA COMMISSIONE EUROPEA SU SCIENZE DELLA TERRA: NUOVI OBIETTIVI E PROSPETTIVE DI RICERCA.

12-13 SETTEMBRE 2005

LANDSLIDES IN MACHU PICCHU, PERÙ MEMBRO DEL COMITATO ORGANIZZATIVO (MACHU PICCHU, CUSCO, PERÙ)

12-14 OTTOBRE 2005

International Consortium on Landslides annual BOR, Washington D.C., USA Membro del Comitato Organizzativo

9-10 Luglio 2007,

Napoli Cambiamenti climatici e dissesto idrogeologico: verso la conferenza nazionale sul clima Organizzazione congiunta tra APAT-ARPAC

12 - 13 Settembre 2007,

Roma Conferenza nazionale sul clima del Ministero dell'Ambiente e della Tutela del Territorio e del Mare Membro del Comitato Tecnico-scientifico e key note speaker su "Dissesto idrogeologico e cambiamenti climatici"

16 Ottobre 2007,

Civita di Bagnoregio Presentazione, insieme all'On. Vittorio Prodi, di un progetto per l'utilizzo di idrogeno da biomassa come vettore energetico di un piccolo centro storico

16 Novembre 2007

Accompagnatore e guida scientifica del Presidente della Repubblica Giorgio Napolitano ai lavori di consolidamento della rupe di Civita di Bagnoregio Ventennale dell'Associazione Civita

13-15 Dicembre 2007

Napoli - Città della Scienza Primo Forum Nazionale sulla Sostenibilità, Chairman della sessione CLIMA 2: L'ADATTAMENTO Le strategie per ciò che è già cambiato

12-14 Maggio 2008

World Monument Fund Co-organiser del workshop: Città del tufo tra Orvieto, Pitigliano e Civita di Bagnoregio

3-9 Ottobre 2011

International Consortium on Landslides  
Second World Landslide Forum(WLF2) Chairperson and main organizer

9 Luglio 2012,

Roma UNESCO - ISPRA Organizzatore della conferenza di presentazione e firma degli accordi tra UNESCO ed ISPRAS in relazione al progetto: SIQ STABILITY - Sustainable Monitoring Techniques for Assessing Instability of Slopes in the Siq of Petra, Jordan.

17-19 Luglio 2012,  
Amman (Giordania) UNESCO Coordinamento scientifico del Workshop internazionale: SIQ  
STABILITY - Sustainable Monitoring Techniques for Assessing Instability of Slopes in the Siq of  
Petra, Jordan.

16-18 Ottobre 2012,  
Tbilisi (Georgia) National Agency for Cultural Heritage Preservation of Georgia Coordinamento  
scientifico del Workshop internazionale: Landslide hazard assessment and sustainable monitoring  
techniques for the instability processes on Vardzia Monastery area

10-11 Dicembre 2013  
UNESCO - 12th Expert Working Group Meeting for the Safeguarding of the Cultural Landscape and  
Archaeological Remains of the Bamiyan Valley World Heritage Property and Extraordinary session of the  
Afghanistan World Heritage Management Advisory Board. Orvieto, Italy

3rd December 2015  
EU Project PROTHEGO (Protection of European Cultural heritages from Geohazards)  
Roma (Italy)  
1st Internal meeting Roma

4th December 2015  
EU Project PROTHEGO (Protection of European Cultural heritages from Geohazards)  
1st User Consultation workshop

4<sup>th</sup> - 6<sup>th</sup> December 2019  
Sustainable conservation of UNESCO and other heritages sites through proactive geosciences  
Luxor-Aswan (Egypt)

9th December 2019  
Leonardo da Vinci and Landslides  
Cairo (Egypt) Istituto Italiano di Cultura

## Invited speaker

Brussels (Belgium) 15-17 July 2002

EUROPEAN COMMISSION - DG RESEARCH - Key note speaker in the GMES (Global Monitoring for Environment and Security) conference on "A global environmental monitoring for the prevention of natural and technological disasters (a key issue for a sustainable development action plan).

Titolo "Natural and Technological hazards"

November 2002

UNESCO - ICOMOS - Rapporteur at the first Workshop for the "Conservation of Bamiyan site" in Afghanistan (Munich - Germany)

JUNE 2003

EUROPEAN COMMISSION RAPPOREUR ON THE THESSALONIKY WORKSHOP ON "EU-MEDIN HARMONISATION OF HAZARD MAPS AND DATA"

Thessaloniki (Hyatt Regency Hotel - Greece),

26-27 May 2003 European Commission, Directorate Global Change and Ecosystems EU-MEDIN Forum on Disaster Research Titolo della lecture "Vulnerability limits and applications for hydrogeological hazard prone areas: some results from cultural heritage sites"

24 October 2003

Ottawa (Ontario - Canada)

Invited lecture to Geological Survey of Canada

Lecture title: The geomorphological instability of the Buddhas niches and surrounding cliff in Bamiyan valley (Central Afghanistan)

21 December 2004

National Research Institute for Cultural Properties, Tokyo (Japan),

Invited lecture to the International Symposium on the Preservation of Bamiyan site Titolo: "Enforcement and geo-mechanical problems for the conservation of the niches of Bamiyan Buddhas"

27 Settembre 2005

Università della Tuscia di Viterbo

Invited speaker al venticinquennale dell'Università Titolo della lecture "Monumenti in guerra. Distruzioni ed alterazioni".

26 Maggio 2004 Seminario presso l'Università degli studi di Modena e Reggio Emilia Titolo: I Budda Giganti dell'Afghanistan

19 October 2008

First World Landslide Forum Key note in General Assembly: The destruction of giant Buddha statues of Bamiyan (Afghanistan)

5th October 2011 Second World Landslide Forum Key note in the session: Landslide and cultural heritages Title: Cultural Heritage in landslide areas: between adaptation and mitigation

23rd February 2012 Ministero per gli Affari Esteri - Cooperazione allo Sviluppo Key note in: 10 anni di attività Italiana in Afghanistan Maxxi - Rome

15-19 September 2014 - XII International Congress of IAEG (International Association of Engineering Geology), Turin, Italy. Plenary Key Note: Engineering geology in shaping and preserving the historic urban landscapes and cultural heritage: some achievements in UNESCO World Heritage Sites

16 Ottobre 2014. Seconda Università degli Studi di Napoli, Scuola Politecnica e delle Scienze di Base, i giovedì del dottorato: Protezione e conservazione del patrimonio dell'umanità dell'UNESCO dai rischi idrogeologici attraverso il recupero delle conoscenze e delle tradizioni locali

19-24 April 2015 - 6th INQUA International Workshop on Active Tectonics Paleoseismology and Archaeoseismology Pescara, Fucino Basin, Italy - Plenary Key Note: The Avezzano earthquake of 13th January 1915: magnitude characterisation and aftershocks distribution in the period January-July 1915

28 November 2016  
 Celebration of 25 th Anniversary  
 "ECAE . Engineering Centre for Archaeology and Environment from the Cairo (Egypt) University  
 Invited speaker

11-13 December 2016  
 Italian -Egyptian Workshop on Sciences and Technologies applied to Cultural Heritage I (STACH 1)  
 Invited Speaker

20-21 February 2017  
 VIRTUAL HERITAGE CAIRO 1ST INTERNATIONAL CONFERENCE  
 SUSTAINING HERITAGE IN THE DIGITAL AGE  
 Towards Virtual Environments for Middle East's Cultural Heritage (Cairo, Egypt)  
 Invited Speaker

14 July 2017  
 GEOMEAST 2017 International Congress  
 Engineering geology for the conservation of UNESCO heritage sites  
 Specialized Lecture

## Education and training

<i>Dates</i>	September 2009
<i>Title of qualification awarded</i>	Certificate
<i>Principal subjects/occupational skills covered</i>	Managing EU research projects
<i>Name and type of organisation providing education and training</i>	APRE (Italian Agency for promoting EU research) and ISPRA (Italian Institute for protection and environmental research)
<i>Level in national or international classification</i>	
<i>Dates</i>	2009
<i>Title of qualification awarded</i>	Certificate
<i>Principal subjects/occupational skills covered</i>	Seismic passive analysis for rock stability and seismic ground amplification
<i>Name and type of organisation providing education and training</i>	MICROMED
<i>Level in national or international classification</i>	
<i>Dates</i>	2007
<i>Title of qualification awarded</i>	Certificate
<i>Principal subjects/occupational skills covered</i>	Advanced course for security in the field - staff safety, health welfare
<i>Name and type of organisation providing education and training</i>	UNESCO
<i>Level in national or international classification</i>	
<i>Dates</i>	2005
<i>Title of qualification awarded</i>	Certificates
<i>Principal subjects/occupational skills covered</i>	Basic course for security in the field - staff safety, health welfare

<i>Name and type of organisation providing education and training</i>	UNESCO
<i>Level in national or international classification</i>	
<i>Dates</i>	14-16 May 2002
<i>Title of qualification awarded</i>	Certificates
<i>Principal subjects/occupational skills covered</i>	Finite element modeling (FLAC and FLAC SLOPE) for slope stability
<i>Name and type of organisation providing education and training</i>	ITASCA Consulting Group
<i>Level in national or international classification</i>	
<i>Dates</i>	31 August 1986 - 2 September 1986
<i>Title of qualification awarded</i>	Position
<i>Principal subjects/occupational skills covered</i>	Engineering seismology
<i>Name and type of organisation providing education and training</i>	Summer school in Erice (Southern Italy)
<i>Level in national or international classification</i>	
<i>Dates</i>	27 August 1985 - 5 September 1985
<i>Title of qualification awarded</i>	Position
<i>Principal subjects/occupational skills covered</i>	Engineering seismology
<i>Name and type of organisation providing education and training</i>	Summer school in Erice (Southern Italy)
<i>Level in national or international classification</i>	
<i>Dates</i>	From January 1984 to April 1984
<i>Title of qualification awarded</i>	Academic visitor
<i>Principal subjects/occupational skills covered</i>	Engineering seismology
<i>Name and type of organisation providing education and training</i>	Imperial College of Science, Technology and Medicine ( London - UK)
<i>Level in national or international classification</i>	
<i>Dates</i>	From November 1980 to October 1981
<i>Title of qualification awarded</i>	Research grant
<i>Principal subjects/occupational skills covered</i>	Historical investigation on major earthquakes affecting central-north Italy
<i>Name and type of organisation providing education and training</i>	CNEN, Italian Atomic Energy Commission
<i>Level in national or international classification</i>	
<i>Dates</i>	From 1974 to 1979
<i>Title of qualification awarded</i>	Degree in Geological Sciences (110/110 cum laudae)
<i>Principal subjects/occupational skills covered</i>	Engineering geology and seismotectonics

*Name and type of organisation providing education and training*  
*Level in national or international classification*

University of Rome, "La Sapienza", Faculty of mathematical, physical and natural sciences

**Editorial board of scientific journals and high level volumes**

Ladslides (Scientific Journal from Springer)

Encyclopedia of Engineering Geology (Springer). Editorial board member

Geologia tecnica ed Ambientale (Scientific Journal)

European Commission/Algosystem - Impact of natural disasters in the Euro-Mediterranean region

**Awards**

*Date* 1993

*Award* INPRATT- Il Grifo d'Oro (premio speciale Ferrovie dello Stato) Claudio Margottini (Scientific Coordinator ENEA - Consorzio Civita, Roma), Nicholas Ambraseys, Enzo Boschi, Franco Do Santis, Paolo Galli, Agnes Levret Guido Martini, per Il progetto di ricerca CEE: "SEISMODOC- Electronic Library of Historical documents related to European seismicity prior to 1945" .

*Date* 2004

*Award* Best paper award from Landslides Journal (Springer verlag) and International Consortium on Landslides as best scientific paper in 2004 for the engineering geology and rock mechanics applied to the conservation of cultural heritages

*Date* September 2005

*Award* Istituto National de Cultura, Perù, Benemerito of Machu Picchu for the study and investigation aimed at securing the site

*Date* 4 November 2006

*Award* "Benemerito for the career to protect of territory against hydrogeological disaster in Italy", from the Minister of Environment, in the occasion of 40 years from the the disastrous flood in Florence, 1966,

*Date* 6 December 2007

*Award* Most famous citizen from Viterbo, contributing to the diffusion of science and protection of cultural heritage world wide (Province Administration of Viterbo)

*Date* 7 June 2010

*Award* Encomio from the President of Italian Republic for the successful consolidation of Buddha niches in Bamiyan from rock fall , after the Talibans destruction in 2001

*Date* 18 January 2012

*Award* Forum Leader of the Second World Landslide Forum of International Consortium on Landslides

*Date* 1 November 2015

*Award* "Natalino d'Argento del volontario" from coordinamento organizzazioni volontariato protezione civile - Regione Lazio

*Date* 29 May 2017

*Award* 4<sup>th</sup> World Landslides Forum (Ljubljana-Slovenia). International Program on Landslides, Award of Success



- Date* January 2019  
*Award* L'Association of American Publishers (AAP) ha premiato "Encyclopedia of Engineering Geology" come miglior volume monografico del 2018, nella categoria Scienza, PROSE Awards 2019 (Professional and Scholarly Excellence) (#PROSE Awards)
- Date* September 2021  
*Award* Europa Nostra award on Vardzia Project (Georgia) as one of the best conservation projects in Europe.
- Date* October 2021  
*Award* Award from Association of Architect in Georgia for the continuous effort in conservation of Georgian rock cut monuments
- Date* November 2021  
*Award* Fukuoka award from the International Consortium on Landslides for the long and excellent activities in supporting developing Countries in the mitigation of landslide disasters.

**Personal skills and competences**

*Mother tongue(s)* **Italian**

*Other language(s)* **English and Spanish**

<i>Self-assessment</i>	<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>	
	Listening		Reading		Spoken interaction		Spoken production			
<i>European level (*)</i>										
<b>English</b>	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
<b>French</b>	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	A2	Basic user
<b>Spanish</b>	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	A2	Basic user

(\*) Common European Framework of Reference for Languages

*Technical skills and competences* Excellent competences of engineering geology, rock mechanic, natural hazards and climate change. Large expertise on managing people and projects (I was responsible of division and section in the Italian Atomic Energy Commission; I was the scientific coordinator of few projects funded by the European Commission, I was responsible of research units in many Italian and EU projects; I was responsible on Italian projects, even with large budget such as few millions €.

The membership of the advisory board of European Commission VII framework program (Global change and ecosystem), the only expert representing the scientific community involved on disaster is a clear example of competences.

Evaluator of EU research projects.

Excellent competences in managing projects in difficult environments such as Afghanistan, Ethiopia, North Korea, Syria, Iraq, Peru, Chile, etc., on behalf of international organisation like UNESCO and International Atomic Energy Agency.

Computer skills and competences

- excellent command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™);
- excellent knowledge of tens of earth science computer programs (PHASE, ROCPLANE, SWEDGE, FLAC, Geoslope, Wedge, DIP, etc.).
- excellent knowledge of graphic design applications (Adobe Illustrator™, PhotoShop™, Nikon Capture NX, etc).
- good knowledge of computer aided design such as Autocad.
- good knowledge of GIS arcview/arcgis computer program
- certificate for attending the course on finite element model for slope stability application (Harpaceas, Milano 14-16 maggio 2002)
- certificate for attending the course on local seismic amplification (Micromed, July 2009)

Additional information

I was organising tens of workshops and conferences. Among them the most important are the 32 world geological congress (Florence, 2004) with more than 7.500 participants and the second world landslide forum, in FAO last October 2011 that resulted the largest event ever organised in the sector.

Responsible of tens of thesis degree for earth science students;

Responsible for PhD students in Italian Universities;

Responsible of international courses such as the UNESCO course in Pyongyang (North Korea) in 2008 and two schools of the European Commission.

Author and co-author of more than 290 publications and books on engineering geology, rock mechanic, natural hazards and climate change (see [http://www.springer.com/generic/search/results?SGWID=6-40109-24-653415-0&submit=Invia+richiesta&sortOrder=relevance&searchType=EASY\\_CDA&queryText=margottini&resultStart=1&searchScope=editions](http://www.springer.com/generic/search/results?SGWID=6-40109-24-653415-0&submit=Invia+richiesta&sortOrder=relevance&searchType=EASY_CDA&queryText=margottini&resultStart=1&searchScope=editions)).

Member of many professional organisation and scientific societies such as the chamber of geologist, the International Association of Engineering Geologists, the Asian Association of Engineering Geology, many international working groups.

Many awards and, among them, the best paper award for the year 2004 from the springer journal "landslides" from Springer.

European Environment Agency (EEA) 2010: Included in the short list for the position of Project Manager - Data and methodologies on climate change and vulnerability and adaptation:

Integrated Research on Disaster Risk (IRDR) 2014: Included in the short list for the position of Secretary General

Ministero degli Affari Esteri (MAAEE) 2014: Included in the short list for the position of Scientific Attache at the Italian Embassy in Hanoi

International Scientific References

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Google Scholar: [http://scholar.google.com/citations?user=jXy\\_wzkAAAAJ](http://scholar.google.com/citations?user=jXy_wzkAAAAJ)

Research Gate: [https://www.researchgate.net/profile/Claudio\\_Margottini](https://www.researchgate.net/profile/Claudio_Margottini)

Autorizzo il trattamento dei dati personali presenti nel CV ai sensi del D.Lgs. 2018/101 e del GDPR (Regolamento UE 2016/679).

Viterbo, 17 Gennaio 2022



# Claudio Margottini



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## SCIENTIFIC PUBLICATIONS

N°	Year	Author(s) /Title /Reference
1.	In publication	Donati D., Borgatti L., Stead D., Francioni M., Ghirotti M., Margottini C. (in publication) The characterization of slope damage at the Civita di Bagnoregio plateau using a remote sensing approach. Associazione Geotecnica Italiana Conference 2022.
2.	2022	Margottini C., Spizzichino D. (2022) Weak rocks in the Mediterranean region and surroundings: threats and mitigation strategies for selected rock-cut heritage sites. <i>Engineering Geology, Volume 297</i> , February 2022.
3.	2021	Margottini C. (2021) Introduction to heritage and climate change: current gaps and scientific challenges. In Stegmeijer E. and Veldpau L. (eds.) <i>A Research Agenda for Heritage Planning Perspectives from Europe</i> . Edward Elgar Publishing Limited , <a href="https://doi.org/10.4337/9781788974639">https://doi.org/10.4337/9781788974639</a>
4.	2021	Spizzichino D., Margottini C. (2021) Satellite monitoring of geo-hazards affecting cultural heritage. . In Stegmeijer E. and Veldpau L. (eds.) <i>A Research Agenda for Heritage Planning Perspectives from Europe</i> . Edward Elgar Publishing Limited , <a href="https://doi.org/10.4337/9781788974639">https://doi.org/10.4337/9781788974639</a>
5.	2021	Margottini C. Behind-the-scenes in mitigation of landslides and other geohazards in low income countries - in memory of Hiroshi Fukuoka. In Sassa, K., Matjaž, M., Sassa, S., Bobrowsky, P.T., Takara, K., Dang, K. (Eds.), <i>Understanding and Reducing Landslide Disaster Risk, Vol. 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment</i> . Springer Verlag. (Special award in memory of Hiroshi Fukuoka).
6.	2021	Margottini C., Spizzichino D. Traditional knowledge and local expertise in landslide risk mitigation of world heritages sites. In Sassa, K., Matjaž, M., Sassa, S., Bobrowsky, P.T., Takara, K., Dang, K. (Eds.), <i>Understanding and Reducing Landslide Disaster Risk, Vol. 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment</i> . Springer Verlag.
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Autorizzo il trattamento dei dati personali presenti nel CV ai sensi del D.Lgs. 2018/101 e del GDPR (Regolamento UE 2016/679).

**Viterbo 17 Gennaio 2022**

