


## CURRICULUM VITAE

(last update: June 2026)

<b>PERSONAL INFORMATION</b>	<b>PAOLO BONCIO (he/him), PhD in Tectonics and Structural Geology</b>
	University "G. d'Annunzio" of Chieti-Pescara (UniCH), Department of Engineering and Geology (INGEO), Viale Pindaro 42, 65127 Pescara
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	<a href="https://scholar.google.it/citations?user=SPn7HqIAAAAJ&amp;hl=it">https://scholar.google.it/citations?user=SPn7HqIAAAAJ&amp;hl=it</a>
	Date of birth 11/11/1968
Mobile +39 3385220494	
h-index: 31; Total citations: 3249 (Scopus); 90+ papers in intern. journals	
RESEARCH TOPICS: Active tectonics, earthquake geology, seismotectonics, seismic microzonation, surface faulting hazard. Expertise in field structural geology, field earthquake geology, multidisciplinary seismotectonics for 3D seismogenic sources, geologic constraints for local seismic hazard, understanding and quantification of surface faulting hazard (fault zoning strategies and probabilistic fault displacement hazard analysis), databases of active faults and earthquake surface ruptures.	

<b>EDUCATION</b>	
June 1998	PhD in Tectonics and Structural Geology University of Perugia, Italy Topics: Seismotectonics of the Northern Apennines of Italy
July 1993	M. Sc. in Geological sciences 110/110 cum Laude University of Perugia (Italy) Topics: Geological mapping and structural geology of the Narnese-Amerina mountains (Umbria-Marche Apennines, Italy)

<b>CURRENT AND PREVIOUS POSITIONS</b>	
01/02/2005 – present	Associate Professor in Structural Geology (GEOS-02/C ex GEO/03) at UniCH
01/05/2001 – 31/01/2005	Researcher (permanent position) in Structural Geology (GEOS-02/C ex GEO/03) at UniCH
01/05/2000 – 30/04/2001	Research Fellowship in Seismotectonics (Structural Geology) at UniCH
01/11/1997 – 30/10/1999	Two-year CNR–GNDT Fellowship (National Group for the Defense Against Earthquakes) at UniCH

<b>PRIZES AND AWARDS</b>	
2025, Sept. 26	Co-Author of awarded paper. SGI AWARDS TO YOUNG RESEARCHER "BEST PUBLICATION IN STRUCTURAL GEOLOGY AND TECTONICS" 2025 for the Paper: Testa A. (awarded), Boncio P. et al. (2023), Paleoseismological Constraints on the Anghiari Normal Fault (Northern Apennines, Italy) and Potential Implications for the Activity of the Altotiberina Low-Angle Normal Fault". Tectonics, <a href="https://doi.org/10.1029/2023TC007798">https://doi.org/10.1029/2023TC007798</a> .
2024, June 21	International Atomic Energy Agency (IAEA). Recognition Award for 'Outstanding contribution to the IAEA Program on Safety of Nuclear Installations in relation to External Events' (Fault Displacement Hazard).
2020, Sept. 18	SGI AWARDS "CARTOGRAFIA GEOTEMATICA" 2019 to all co-authors of the Paper: Testa A., Boncio P. et al. (2019) - Mapping the geology of the 2016 Central Italy earthquake fault (Mt. Vettore – Mt. Bove fault, Sibillini Mts.), Geological Field Trips and Maps, <a href="https://dx.doi.org/10.3301/GFT.2019.03">https://dx.doi.org/10.3301/GFT.2019.03</a>
Dec. 2017	Abilitazione Scientifica Nazionale (ASN): Habilitated Full Professor in GSD 04/GEOD-02, SSD GEOS-02/C Structural Geology and Tectonics (ex. 04/A2, GEO 03)

<b>VISITING ACADEMIC POSITIONS</b>
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1/09/2002 - 31/10/2002	Visiting Research Scientist at Wuhan Institute of Chemical Technology (WICT – Wuhan, Hubei Province, China) on Structural geology and seismotectonics of active intracontinental extensional areas (2002 field work in Linfen Basin, Shanxi Province)
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<b>TEACHING ACTIVITIES AND PHD SUPERVISION</b>	
Academic Year (A.Y.) 2015/16 - present	Course EARTHQUAKE GEOLOGY, Master's degree program in Geological Sciences and Technologies, UniCH.
A.Y. 2020/21 - present	Course ROCK RECOGNITION AND CLASSIFICATION, Bachelor's degree program in Geological Sciences, UniCH.
A.Y. 2025/26 - present	Course GIS, Bachelor's degree program in Geological Sciences, UniCH.
Past courses	SEISMIC MICROZONATION (MSc UniCH, A.Y. 19/20-20/21), STRUCTURAL GEOLOGY & LAB. (MSc UniCH, AA.YY. 04/05-05/06 & 10/11), GEODYNAMICS (MSc UniCH, AA.YY. 99/00-14/15)
PhD Supervision 1999 - present	Tutoring of PhD students: 1) D.P. TINARI, XIX cycle; 2) F. FERRARINI, XXII cycle (Co-tutor); 3) D. DI NACCIO, XXII cycle; 4) E. AUCIELLO, XXVII cycle; 5) F.C. NURMINEN, XXXIV cycle; 6) A. TESTA, XXXV cycle; 7) L. MAMMARELLA, XXXVIII cycle.

<b>NATIONAL AND INTERNATIONAL COLLABORATIONS AND NETWORKS</b>	
Member of:	<ul style="list-style-type: none"> <li>- National Working Group on Seismic Microzonation - National Department of Civil Protection (since 2011);</li> <li>- Technical Working Group for Seismic Microzonation of the Abruzzo Region (Italy) (since 2012);</li> <li>- National Working Group for the Italian Guidelines for land use planning in areas affected by active and capable faults - National Department of Civil Protection (2013-2015);</li> <li>- International Working Group for the ICDP Fucino paleolake Project proposal: the longest continuous terrestrial archive in the MEditerranean recording the last five Million years of Earth system history (MEME) (<a href="https://www.icdp-online.org/projects/by-continent/europe/fucino-italy/">https://www.icdp-online.org/projects/by-continent/europe/fucino-italy/</a>; Giaccio et al., 2024 Sci. Drill. <a href="https://doi.org/10.5194/sd-33-249-2024">https://doi.org/10.5194/sd-33-249-2024</a>);</li> <li>- International Working Group 'Fault2SHA: Linking Faults to Seismic Hazard Assessment in Europe' (<a href="https://fault2sha.net/">https://fault2sha.net/</a>) (Core member of Fault Displacement Hazard Lab, FDH);</li> <li>- 2016-2018 International Open EMERGEIO Working Group for the database of coseismic effects following the 30 October 2016 Norcia earthquake in central Italy;</li> <li>- 2023 Co-founder of the European Earthquake Geology Task Force (EuQuaGe) — international initiative for systematic collection of coseismic geological data following major earthquakes (INGV, IRSN, IPGP/CNRS, UAM, Uninsubria, FSU Jena, CNRS-CEREGE, GeoZS, Univ. Barcelona, CAS, UniCH, UCL, AUTH, ISPRA, IGG-CNR, BAS, RWTH Aachen, Sofia Univ., Univ. Leeds, HGI, IGME-Spain).</li> </ul>
Contributor:	- International Project UCLA-FDHI (Fault Displacement Hazard Initiative) ( <a href="https://www.risksciences.ucla.edu/nhr3/fdhi/home">https://www.risksciences.ucla.edu/nhr3/fdhi/home</a> );
Invited participant as expert:	- International "Working Group Meeting on Benchmarking Current Practices in Probabilistic Fault Displacement Hazard Assessment for Existing Nuclear Installations" - International Atomic Energy Agency (IAEA) (2021).

<b>OTHER WORK EXPERIENCE</b>	
Spin-off	Co-founder of the University (UniCH) spin-off 'SHAKing: Field and Numerical Solutions for Seismic HAZard and RiSk AssessING' <a href="https://shaking-srl.it/">https://shaking-srl.it/</a> (since 2023)
Recruitment committees	Member of the recruitment evaluation committee for new-hire research positions (4 committees from 2017 to 2023)
PhD evaluation commissions	Evaluation commission for PhD Defense (6 commissions from 2006 to 2022)
Convener	Convener of scientific sessions on Seismotectonics, Earthquake Geology and Seismic Hazard at national (GNGTS 2004; FIST 2007, 2009, SGI 2010) and international (IAEG 2014, INQUA 2023, IGC 2024) congresses

Organization of congress	2009 - Congress on “the 2009 L’Aquila earthquake” at Ud’A, Chieti, Italy; 2017 - International field trip “From 1997 to 2016: Three destructive earthquakes along the central Apennine fault system, Italy”.
Co-leader field trip	2017 - International field trip “From 1997 to 2016: Three destructive earthquakes along the central Apennine fault system, Italy”.
Invited talks	1) June 24-25, 2024 - “The challenge of estimating the hazard from secondary (distributed) earthquake surface ruptures: an empirical approach by the Fault2SHA group” at CRUST Workshop “Tools, Data, And Models For 3D Seismotectonics: The Italian Over Time Laboratory – II Edition, Chieti, Italy; 2) June 18-21, 2024 - “Earthquake surface faulting and Fault Displacement Hazard Analysis” at International Workshop on Recent Advances in Seismic and Fault Displacement Hazard Assessment for Nuclear Installations, International Atomic Energy Agency (IAEA) Headquarters, Vienna, Austria; 3) May 15, 2024 - “The Fault2SHA activity on Fault Displacement Hazard Analysis” at New Zealand Centre for Earthquake Resilience, QuakeCoRE, workshop on fault displacement hazards, University of Canterbury, NZ; 4) Nov. 14, 2023 - “Earthquake surface rupture and Probabilistic Fault Displacement Hazard Analysis (PFDHA)” at “METIS workshop on site-specific seismic hazard assessment”, Bergamo, GEM (Global Earthquake Model); 5) June 2021 - “On the importance of ranking surface ruptures for distance-frequency distribution of distributed faulting in normal and reverse earthquakes” at “Working Group Meeting on Benchmarking Current Practices in Probabilistic Fault Displacement Hazard Assessment for Existing Nuclear Installations”, International Atomic Energy Agency (IAEA), Vienna; 6) March 2021 - Invited talk on “Fault Displacement Hazard. A geological perspective” at “Fault2SHA Learning Series” Available on YouTube: <a href="https://www.youtube.com/watch?v=Qlpl8Znx8Ac&amp;t=6s">https://www.youtube.com/watch?v=Qlpl8Znx8Ac&amp;t=6s</a>
National Geological Map (CARG Project, 1:50k scale)	1996–97: geological mapping in sheets 369 Sulmona (area b) and 368 Avezzano (area a); contribution to the Explanatory Notes. 2000–02: geological mapping in sheet 361 Chieti (sections 361080 Tollo and 361040 Miglianico); contribution to the Explanatory Notes. 2005–07: expert contribution for quality control of geological mapping of continental Quaternary in sheet 339 Teramo; contribution to the Explanatory Notes.

<b>EDUCATION</b>	
<b>Administrative role and position responsibility</b>	
April 2024 - present	Coordinator of the Geology Section of the Department of Engineering and Geology (INGEO), UniCH
Nov. 2023 - present	Department delegate for University Placement (UniCH)
Since 2022	Member of the Department Working Group on University Third Mission (UniCH)
<b>Scientific organisations / Coordination of academic activities</b>	
October 2025 - present	Head of the Bachelor’s Degree Program in Geological Sciences, UniCH
AA.YY. 21-22 to 23-23	Member of Quality Assurance Committee of MSc Programme LM-74 Geological Sciences and Technologies (Chair), UniCH
2022 - present	Member of the Board of the “Doctoral program in Geosciences” (vice-coordinator during 2022-2023), UniCH.
2017 -2021	Member of the Board of the “Doctoral program in Earthquake and Environmental Hazards”, UniCH.
2016 - 2017	Member of the Board of the “Doctoral program in Sciences”, UniCH.
2003 - 2012	Member of the Board of the “Doctoral program “Geology and Evolution of the Lithosphere”, UniCH.

<b>EDITORIAL ACTIVITY</b>	
2020 - present	Academic Editor of “GeoHazards” a MDPI Journal. <a href="https://www.mdpi.com/journal/geohazards/editors">https://www.mdpi.com/journal/geohazards/editors</a>
2011 - 2012	Editor of the Special Issue “Understanding the April 6th, 2009, L’Aquila earthquake - the geological contribution”. Italian Journal of Geosciences, Vol. 131 (3). Pantosti D. & Boncio P. (Eds).

MEMBERSHIP OF SCIENTIFIC SOCIETIES	
2026	European Geosciences Union (EGU)
since 1998	Società Geologica Italiana (Italian Geological Society)

FUNDING (current and past)	
Competitive	
May 2026 – Dec. 2027 (end of project)	<p><b>Title:</b> IDASH - Integration of Data and Approaches for Seismic Hazard assessment in CEI regions (40 k€) – Leader: INGV, Partners: UniCH, IHMS (Montenegro), UNIBL (Bosnia and Herzegovina), GeoZS (Slovenia), HGI (Croatia).</p> <p><b>Founding organization:</b> Know-How Exchange -KEP (<a href="https://www.cei.int/KEP">https://www.cei.int/KEP</a>), Fondo InCE-BERS (Iniziativa Centro-Europea, InCE) (CEI Fund at the EBRD)</p> <p><b>Person months:</b> 0.5</p> <p><b>Role:</b> RU Responsible (UniCH)</p>
Jan. 2023 – Dec. 2026 (end of project)	<p><b>Title:</b> STRIC - Centro internazionale per la ricerca sulle Scienze e Tecniche dalla RICostruzione fisica, economica e sociale (<i>International Center for Research on the Physical, Economic and Social Reconstruction Sciences and Techniques</i>) - Leader: UniCAM. Partners: UnivPM, UniMC, UniPG, UnivAQ, GSSI, INFN, INGV, UniCH. (18.25 M€)</p> <p><b>Founding organization:</b> PNRR, Fondo Complementare, Programma unitario di intervento per le aree del terremoto del 2009 e 2016, Misura B - Sub-misura B.4.</p> <p><b>Person months:</b> 4</p> <p><b>Roles:</b> Member of the Technical-Scientific Committee; Co-leader of Task 6 – Surface Faulting Hazard Studies (Objective 2G, Lead: G. Camata, UniCH)</p>
Dec. 2023 – June 2027 (end of project)	<p><b>Title:</b> TRAILED-LAB - Un laboratorio mobile per la caratterizzazione dei materiali e delle strutture a servizio dei comuni del cratere del sisma 2016 (<i>A mobile laboratory for the characterization of materials and structures serving municipalities affected by the 2016 earthquake</i>). Leader: UniCH (PI: G. Brando). Partners: UniCAM, UniCAMP LV, UniPG, INGV. (4.79 M€).</p> <p><b>Founding organization:</b> PNC - Presidenza del Consiglio dei Ministri, Dipartimento per le Politiche di Coesione e per il Sud</p> <p><b>Person months:</b> 0.5</p> <p><b>Role:</b> Participant to the Work Unit on Ground Characterization and Monitoring</p>
Dec. 2023 – Nov. 2026 (end of project)	<p><b>Title:</b> MULTI-TWIN - Intelligenza artificiale a supporto di analisi MULTI-rischio mediante digital-TWIN (<i>Artificial Intelligence supporting MULTI-risk analysis through digital TWIN</i>). Leader: UniCH (PI: L. Caroprese). (773.4 k€)</p> <p><b>Founding organization:</b> PNRR – Miss. 4, “Istruzione e Ricerca” – Comp. 2, “Dalla Ricerca All’impresa” – Linea di Investimento 1.4, UE – Nextgenerationeu, Prog. “National Centre For Hpc, Big Data And Quantum Computing”.</p> <p><b>Person months:</b> 3.9</p> <p><b>Role:</b> Participant</p>
Dec. 2024 – Oct. 2025	<p><b>Title:</b> Aggiornamento del Catalogo delle Faglie Attive e Capaci, ITHACA, per l’area periadriatica centrale (<i>Updating the Ithaca Database of Active and Capable Faults for the Central Periadriatic Area</i>). (7.5 k€)</p> <p><b>Founding organization:</b> ISPRA.</p> <p><b>Person months:</b> 0.8</p> <p><b>Role:</b> Leader</p>
Funding agreements with leadership role	
Dec. 2021 – March 2025	<p><b>Title:</b> Agreement among Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino, UniCH and OGS for “Valutazione della pericolosità sismica da fagliazione superficiale della diga di Farneto del Principe in Comune di Roggiano Gravina (CS)” (<i>Assessment of seismic hazard due to surface faulting at the Farneto del Principe dam, Municipality of Roggiano Gravina (CS)</i>). (174.9 k€)</p> <p><b>Founding organization:</b> Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino</p> <p><b>Role:</b> Coordinator</p>
Oct. 2020 – June 2023	<p><b>Title:</b> Agreement between UniCH and INGV for “Ridefinizione delle Zone di Attenzione delle Faglie Attive e Ca-paci emerse dagli studi di microzonazione sismica effettuati nei Comuni interessati dagli eventi si-smici verificatisi a far data dal 24 agosto 2016. Lotto 3 Barete –Pizzoli” (<i>Redefinition of the Attention Areas of Active and Capable Faults that emerged from seismic microzonation studies carried out in the area of the inhabited centers of Barete and Pizzoli in the province of L’Aquila, affected by the seismic events</i>)</p>

	<p><i>that occurred starting from 24 August 2016</i>). (58.1 k€)  <b>Founding organization:</b> Presidenza del Consiglio dei Ministri – Commissario Straordinario del Governo ai fini della ricostruzione  <b>Role:</b> Coordinator</p>
May 2019 – Dec. 2022	<p><b>Title:</b> Agreement between EAUT and UniCH for “Valutazione della pericolosità da fagliazione in superficie della diga di Montedoglio sul fiume Tevere (AR) - Fasi 1, 2 e 3” (<i>Fault displacement hazard assessment of the Montedoglio dam on the Tiber River (Arezzo, Tuscany, Italy), Phases 1, 2 &amp;3</i>). (68.8 k€)  <b>Founding organization:</b> Ente Acque Umbro Toscane (EAUT)  <b>Role:</b> Coordinator</p>
Nov. 2022 – Oct. 2025	<p><b>Title:</b> Italy-France international partnership between the Institut de Radioprotection et de Surté Nucleaire (IRSN, France) and UniCH entitled: "Fault Displacement Hazard on principal fault rupture: probability of occurrence, slip distribution and role of surface geology".  <b>Founding organization:</b> UniCH and IRSN (3-years PhD fellowship)  <b>Role:</b> Leader for the Italian partner</p>
Nov. 2018 – Oct. 2021	<p><b>Title:</b> Italy-France international partnership between the Institut de Radioprotection et de Surté Nucleaire (IRSN, France) and UniCH entitled: “Probabilistic Fault Displacement Hazard: Improved Methodology and Applications”.  <b>Founding organization:</b> UniCH and IRSN (3-years PhD fellowship)  <b>Role:</b> Leader for the Italian partner</p>
Nov. 2018 – Dec. 2024	<p><b>Title:</b> Agreement between Abruzzo Region (Civil Protection Agency) and UniCH for “Microzonazione sismica di Livello 3 dei territori urbanizzati e/o urbanizzabili del capoluogo e della zona industriale del Comune di Avezzano (Fucino, AQ) (<i>Level 3 Seismic Microzonation of urbanized and/or developable areas in the Municipality of Avezzano (Fucino, AQ)</i>), as well as conducting detailed geological studies for areas susceptible to instability. (37.5 k€)  <b>Founding organization:</b> Abruzzo Region (Civil Protection Agency)  <b>Role:</b> Coordinator</p>

<b>SIGNIFICANT CAREER BREAKS</b>	
	No career breaks

<b>PUBLICATIONS</b>	
Complete publication list at: <a href="https://ricerca.unich.it/browse?authority=rp03823&amp;type=author">https://ricerca.unich.it/browse?authority=rp03823&amp;type=author</a>	

Pescara, June 2026

## CURRENT AND PREVIOUS POSITIONS

01/02/2005 – present Associate Professor in Structural Geology (GEOS-02/C ex GEO/03) at UniCH  
01/05/2001 – 31/01/2005 Researcher (permanent position) in Structural Geology (GEOS-02/C ex GEO/03) at UniCH  
01/05/2000 – 30/04/2001 Research Fellowship in Seismotectonics (Structural Geology) at UniCH  
01/11/1997 – 30/10/1999 Two-year CNR–GNDT Fellowship (National Group for the Defense Against Earthquakes) at UniCH

## PRIZES AND AWARDS

2025, Sept. 26 Co-Author of awarded paper. SGI AWARDS TO YOUNG RESEARCHER "BEST PUBLICATION IN STRUCTURAL GEOLOGY AND TECTONICS" 2025 for the Paper: Testa A. (awarded), Boncio P. et al. (2023), *Tectonics*, <https://doi.org/10.1029/2023TC007798>.  
2024, June 21 International Atomic Energy Agency (IAEA). Recognition Award for ‘Outstanding contribution to the IAEA Program on Safety of Nuclear Installations in relation to External Events’ (Fault Displacement Hazard).  
2020, Sept. 18 SGI AWARDS "CARTOGRAFIA GEOTEMATICA" 2019 to all co-authors of the Paper: Testa A., Boncio P. et al. (2019), *Geological Field Trips and Maps*, <https://dx.doi.org/10.3301/GFT.2019.03>  
Dec. 2017 Abilitazione Scientifica Nazionale (ASN): Habilitated Full Professor in GSD 04/GEOD-02, SSD GEOS-02/C Structural Geology and Tectonics (ex. 04/A2, GEO 03)

## VISITING ACADEMIC POSITIONS

1/09/2002 - 31/10/2002 Visiting Research Scientist at Wuhan Institute of Chemical Technology (WICT – Wuhan, Hubei Province, China) on Structural geology and seismotectonics of active intracontinental extensional areas (2002 field work in Linfen Basin, Shanxi Province)

## TEACHING ACTIVITIES AND PHD SUPERVISION

Academic Year (A.Y.) 2015/16 - present Course EARTHQUAKE GEOLOGY, Master's degree program in Geological Sciences and Technologies, UniCH.  
A.Y. 2020/21 - present Course ROCK RECOGNITION AND CLASSIFICATION, Bachelor's degree program in Geological Sciences, UniCH.  
A.Y. 2025/26 - present Course GIS, Bachelor's degree program in Geological Sciences, UniCH.  
Past courses SEISMIC MICROZONATION (MSc UniCH, A.Y. 19/20-20/21), STRUCTURAL GEOLOGY & LAB. (MSc UniCH, AA.YY. 04/05-05/06 & 10/11), GEODYNAMICS (MSc UniCH, AA.YY. 99/00-14/15)  
PhD Supervision  
1999 - present Tutoring of PhD students:  
1) D.P. TINARI, XIX cycle; 2) F. FERRARINI, XXII cycle (Co-tutor); 3) D. DI NACCIO, XXII cycle; 4) E. AUCIELLO, XXVII cycle; 5) F.C. NURMINEN, XXXIV cycle; 6) A. TESTA, XXXV cycle; 7) L. MAMMARELLA, XXXVIII cycle.

## NATIONAL AND INTERNATIONAL COLLABORATIONS AND NETWORKS

Member of:

- National Working Group on Seismic Microzonation - National Department of Civil Protection (since 2011);
  - Technical Working Group for Seismic Microzonation of the Abruzzo Region (Italy) (since 2012);
  - National Working Group for the Italian Guidelines for land use planning in areas affected by active and capable faults - National Department of Civil Protection (2013-2015);
  - International Working Group for the ICDP Fucino paleolake Project proposal: the longest continuous terrestrial archive in the MEditerranean recording the last five Million years of Earth system history (MEME) (<https://www.icdp-online.org/projects/by-continent/europe/fucino-italy/>; Giaccio et al., 2024 *Sci. Drill.* <https://doi.org/10.5194/sd-33-249-2024>);
  - International Working Group ‘Fault2SHA: Linking Faults to Seismic Hazard Assessment in Europe’ (<https://fault2sha.net/>) (Core member of Fault Displacement Hazard Lab, FDH);
- Contributor: - International Project UCLA-FDHI (Fault Displacement Hazard Initiative) (<https://www.risksciences.ucla.edu/nhr3/fdhi/home>);

Invited participant as expert: - International “Working Group Meeting on Benchmarking Current Practices in Probabilistic Fault Displacement Hazard Assessment for Existing Nuclear Installations” - International Atomic Energy Agency (IAEA) (2021).

## OTHER WORK EXPERIENCE

Co-founder University (UniCH) spin-off ‘SHAKING: Field and Numerical Solutions for Seismic HAZARD and Risk AssessING’ <https://shaking-srl.it/> (since 2023)  
Member recruitment committees: 4 committees from 2017 to 2023  
PhD defense evaluation commissions: 6 commissions from 2006 to 2022

Convener at national (GNGTS 2004; FIST 2007, 2009, SGI 2010) and international (IAEG 2014, INQUA 2023, IGC 2024) congresses

Organization of 2009 - Congress on “the 2009 L’Aquila earthquake”, Chieti, Italy; 2017;

Co-leader field trip 2017 - International field trip “From 1997 to 2016: Three destructive earthquakes along the central Apennine fault system, Italy ”.

Invited talks at:

- June 24-25, 2024 - CRUST Workshop “Tools, Data, And Models For 3D Seismotectonics: The Italian Over Time Laboratory – II Edition, Chieti, Italy;

- June 18-21, 2024 - International Workshop on Recent Advances in Seismic and Fault Displacement Hazard Assessment for Nuclear Installations, International Atomic Energy Agency (IAEA) Headquarters, Vienna, Austria;

- May 15, 2024 - New Zealand Centre for Earthquake Resilience, QuakeCoRE, workshop on fault displacement hazards, University of Canterbury, NZ;

- Nov. 14, 2023 - METIS workshop on site-specific seismic hazard assessment, GEM (Global Earthquake Model);

- June 2021 - Working Group Meeting on Benchmarking Current Practices in Probabilistic Fault Displacement Hazard Assessment for Existing Nuclear Installation”, International Atomic Energy Agency (IAEA), Vienna;

- March 2021 - Fault2SHA Learning Series” Available on YouTube:

<https://www.youtube.com/watch?v=Qlpl8Znx8Ac&t=6s>

National Geological Map (CARG) 1996–97, 2000-02: geol. mapping in sheets 369 Sulmona, 368 Avezzano, 361 Chieti; contribution to Explanatory Notes.

2005–07: expert in sheet 339 Teramo; contribution to Explanatory Notes.

## EDUCATION

Administrative role and position responsibility

April 2024 - present Coordinator of the Geology Section of the Department of Engineering and Geology (INGEO), UniCH

Nov. 2023 - present Department delegate for University Placement (UniCH)

Since 2022 Member of the Department Working Group on University Third Mission (UniCH)

Scientific organisations / Coordination of academic activities

October 2025 - present Head of the Bachelor’s Degree Program in Geological Sciences, UniCH

AA.YY. 21-22 to 23-23 Member of Quality Assurance Committee of MSc Programme LM-74 Geological Sciences and Technologies (Chair), UniCH

2022 - present Member of the Board of the “Doctoral program in Geosciences” (vice-coordinator during 2022-2023), UniCH.

2017 -2021 Member of the Board of the “Doctoral program in Earthquake and Environmental Hazards”, UniCH.

2016 - 2017 Member of the Board of the “Doctoral program in Sciences”, UniCH.

2003 - 2012 Member of the Board of the “Doctoral program “Geology and Evolution of the Lithosphere”, UniCH.

## EDITORIAL ACTIVITY

2020 - present Academic Editor of “GeoHazards” a MDPI Journal.

<https://www.mdpi.com/journal/geohazards/editors>

2011 - 2012 Editor of the Special Issue “Understanding the April 6th, 2009, L’Aquila earthquake - the geological contribution”. Italian Journal of Geosciences, Vol. 131 (3). Pantosti D. & Boncio P. (Eds).

## MEMBERSHIP OF SCIENTIFIC SOCIETIES

2026 European Geosciences Union (EGU)

since 1998 Società Geologica Italiana (Italian Geological Society)

## FUNDING (current and past)

Competitive

May 2026 – Dec. 2027 (end of project)

Title: IDASH - Integration of Data and Approaches for Seismic Hazard assessment in CEI regions (40 k€) – Leader: INGV, Partners: UniCH, IHMS (Montenegro), UNIBL (Bosnia and Herzegovina), GeoZS (Slovenia), HGI (Croatia).

Founding organization: Know-How Exchange -KEP (<https://www.cei.int/KEP>), Fondo InCE-BERS (Iniziativa Centro-Europea, InCE) (CEI Fund at the EBRD)

Person months: 0.5

Role: RU Responsible (UniCH)  
Jan. 2023 – Dec. 2026 (end of project)

Title: STRIC - Centro internazionale per la ricerca sulle Scienze e Tecniche dalla RICostruzione fisica, economica e sociale (International Center for Research on the Physical, Economic and Social Reconstruction Sciences and Techniques) - Leader: UniCAM. Partners: UnivPM, UniMC, UniPG, UnivAQ, GSSI, INFN, INGV, UniCH.

Founding organization: PNRR, Fondo Complementare, Programma unitario di intervento per le aree del terremoto del 2009 e 2016, Misura B - Sub-misura B.4 (18.25 M€).

Person months: 4

Roles: Member of the Technical-Scientific Committee; Co-leader of Task 6 – Surface Faulting Hazard Studies (Objective 2G, Lead: G. Camata, UniCH)

Dec. 2023 – Nov. 2026 (end of project)

Title: TRAILED-LAB - Un laboratorio mobile per la caratterizzazione dei materiali e delle strutture a servizio dei comuni del cratere del sisma 2016 (A mobile laboratory for the characterization of materials and structures serving municipalities affected by the 2016 earthquake). Leader: UniCH (PI: G. Brando). Partners: UniCAM, UniCAMP LV, UniPG, INGV.

Founding organization: PNC - Presidenza del Consiglio dei Ministri, Dipartimento per le Politiche di Coesione e per il Sud (4.79 M€).

Person months: 0.5

Role: Participant to the Work Unit on Ground Characterization and Monitoring

Dec. 2023 – Nov. 2026 (end of project)

Title: MULTI-TWIN - Intelligenza artificiale a supporto di analisi MULTI-rischio mediante digital-TWIN (Artificial Intelligence supporting MULTI-risk analysis through digital TWIN). Leader: UniCH (PI: L. Caroprese).

Founding organization: PNRR – Miss. 4, “Istruzione e Ricerca” – Comp. 2, “Dalla Ricerca All’impresa” – Linea di Investimento 1.4, UE – Nextgenerationeu, Prog. “National Centre For Hpc, Big Data And Quantum Computing” (773.4 k€).

Person months: 3.9

Role: Participant

Dec. 2024 – Oct. 2025

Title: Aggiornamento del Catalogo delle Faglie Attive e Capaci, ITHACA, per l’area periadriatica centrale (Updating the Ithaca Database of Active and Capable Faults for the Central Periadriatic Area).

Founding organization: ISPRA (7.5 k€).

Person months: 0.8

Role: Leader

Funding agreements with leadership role

Dec. 2021 – March 2025 Title: Agreement among Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino, UniCH and OGS for “Valutazione della pericolosità sismica da fagliazione superficiale della diga di Farneto del Principe in Comune di Roggiano Gravina (CS)” (Assessment of seismic hazard due to surface faulting at the Farneto del Principe dam, Municipality of Roggiano Gravina (CS)).

Founding organization: Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino (174.9 k€)

Role: Coordinator

Oct. 2020 – June 2023 Title: Agreement between UniCH and INGV for “Ridefinizione delle Zone di Attenzione delle Faglie Attive e Ca-paci emerse dagli studi di microzonazione sismica effettuati nei Comuni interessati dagli eventi si-smici verificatisi a far data dal 24 agosto 2016. Lotto 3 Barete –Pizzoli” (Redefinition of the Attention Areas of Active and Capable Faults that emerged from seismic microzonation studies carried out in the area of the inhabited centers of Barete and Pizzoli in the province of L’Aquila, affected by the seismic events that occurred starting from 24 August 2016).

Founding organization: Presidenza del Consiglio dei Ministri – Commissario Straordinario del Governo ai fini della ricostruzione (58.1 k€)

Role: Coordinator

May 2019 – Dec. 2022 Title: Agreement between EAUT and UniCH for “Valutazione della pericolosità da fagliazione in superficie della diga di Montedoglio sul fiume Tevere (AR) - Fasi 1, 2 e 3” (Fault displacement hazard assessment of the Montedoglio dam on the Tiber River (Arezzo, Tuscany, Italy), Phases 1, 2 & 3)

Founding organization: Ente Acque Umbro Toscane (EAUT) (68.8 k€)

Role: Coordinator

Dec. 2021 – March 2025 Title: Agreement among Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino, UniCH and OGS for “Valutazione della pericolosità sismica da fagliazione superficiale della diga di Farneto del Principe in Comune di Roggiano Gravina (CS)” (Assessment of seismic hazard due to surface

faulting at the Farneto del Principe dam, Municipality of Roggiano Gravina (CS)) (174.9 k€).

Founding organization: Consorzio di Bonifica Integrale dei Bacini Settentrionali del Cosentino

Role: Coordinator

Nov. 2022 – Oct. 2025 Title: Italy-France international partnership between the Institut de Radioprotection et de Surté Nucleaire (IRSN, France) and UniCH entitled: "Fault Displacement Hazard on principal fault rupture: probability of occurrence, slip distribution and role of surface geology".

Founding organization: UniCH and IRSN (3-years PhD fellowship)

Role: Leader for the Italian partner

Nov. 2018 – Oct. 2021 Title: Italy-France international partnership between the Institut de Radioprotection et de Surté Nucleaire (IRSN, France) and UniCH entitled: "Probabilistic Fault Displacement Hazard: Improved Methodology and Applications".

Founding organization: UniCH and IRSN (3-years PhD fellowship)

Role: Leader for the Italian partner

Nov. 2018 – Dec. 2024 Title: Agreement between Abruzzo Region (Civil Protection Agency) and UniCH for "Microzonazione sismica di Livello 3 dei territori urbanizzati e/o urbanizzabili del capoluogo e della zona industriale del Comune di Avezzano (Fucino, AQ) (Level 3 Seismic Microzonation of urbanized and/or developable areas in the Municipality of Avezzano (Fucino, AQ)), as well as conducting detailed geological studies for areas susceptible to instability.

Founding organization: Abruzzo Region (Civil Protection Agency) (37.5 k€)

Role: Coordinator