

PERSONAL INFORMATION



DANIELA PANTOSTI

 109, VIA DIVISIONE TORINO, 00143, ROMA, ITALIA

 +39 0651860483  +39 3357927038

 Daniela.pantosti@ingv.it

 <http://www.roma1.ingv.it/Members/pantosti>

Sex F | Date of birth 30/10/1961 | Nationality ITALIAN | Married with two Children

WORK EXPERIENCE

01/08/2016-today

Istituto Nazionale di Geofisica e Vulcanologia

www.ingv.it

Government

Research Director

Director of the INGV Earthquake Department

01/09/2013-31/07/2016

Istituto Nazionale di Geofisica e Vulcanologia

www.ingv.it

Government

Research Director

Director of the Section Sismologia e Tettonofisica – Roma1

01/03/2000-today

Istituto Nazionale di Geofisica e Vulcanologia

www.ingv.it

Government

Research Director

Active Tectonics and Paleoseismology research for seismic hazard assessment

01/06/1997-31/05/1998

United States Geological Service, Menlo Park (CA)

Government

Visiting Scientist

Paleoseismological Research

01/02/1997-28/02/2000

Istituto Nazionale di Geofisica e Vulcanologia

www.ingv.it

Government

Senior Researcher

Active Tectonics and Paleoseismology research for seismic hazard assessment

- 01/04/1991-30/04/1992 **United States Geological Service, Menlo Park (CA)**
Government
Visiting Scientist
San Francisco Bay Area seismic history from paleoseismology
- 02/11/1987-31/01/1997 **Istituto Nazionale di Geofisica e Vulcanologia**
www.ingv.it
Government
Researcher
Active Tectonics and Paleoseismology research for seismic hazard assessment
- 01/05/1987-1/11/1987 **Geological Survey of Italy**
Government
Geologist
Preparation of geological maps of central Italy
- 1986-1987 **ISMES**
Private company - Energy
Consultant-Geologist
Site selection for Radioactive Wastes: Project Responsible

EDUCATION AND TRAINING

- 2014 Advanced Course: Percorso di Management per Direttori di Strutture Scientifiche degli EPR
- 1986 Professional Geologist Qualification
- 1980-1985 Master Degree
Università degli Studi di Roma "La Sapienza"
Dott. In Geological Sciences
Qualification 110/110 cum laude
- 1975-1980 High School Diploma
Liceo Scientifico G. Peano - Roma
Science Qualification 60/60

PERSONAL SKILLS

Mother tongue(s) ITALIAN [

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	C1	C1	B2	B2	B2

During my professional career at INGV I have acquired a long organizational and managerial experience both because of responsibilities at INGV but also because of the continuous collaboration with other scientific institutions and universities. I did work in projects in Italy but also in several places around the Mediterranean (Greece Bulgaria, Turkey, Lybia, Iran) in California, Central and Southern America, and New Zealand. I was responsible for several scientific working groups, internal and external scientific projects, and leaded INGV Units comprising > 20 people. Currently I am responsible for a Section counting more than 140 people.

A list of the main organizational/managerial duties follows.

2016: Evaluator for the 2011-2014 VQR

2016: Coordinator of the INGV Crisis Unit established after the August 24th Central Italy Earthquake.

2015: Part of the INGV Working Group for the Analysis of Operational Procedures Manuals

2015: Part of the organization of INQUA Congress FUCINO 2015 "Paleoseismology, Active Tectonics and Archaeology", Pescina April 2015.

2015: Part of the Scientific Committee for the Centenary of the 1915 Marsica earthquake "CENTO ANNI DAL TERREMOTO Il percorso della cultura sismica", Avezzano, January 2015.

2014: Part of the Scientific Committee of the XII International IAEG Congress.

2013-2016: Director of the INGV Section Sismologia e Tettonofisica – ROMA1 (staff > 140)

2012-present: Member of the working group on the information on the L'Aquila process

2012: Evaluator for the 2004-2010 VQR

2010: Co-director the ESF conference Submarine Paleoseismology: The Offshore Search of Large Holocene Earthquakes (Oberurgl, Austria).

2008-2013: Co-director of the project Nato for Peace CauSER.

2007-2010: General Coordinator for the seismological projects of the INGV-DPC agreement, years 2007-2009.

2006-2009: Responsible for INGV activities in the EC project TRANSFER.

2005-2013: Responsible of the INGV Unit Tettonica Attiva (staff > 20).

2005-2013: Member of the Collegio di Struttura of the Section Seismology and Tectonophysics.

2004-2007: Responsible for WP2 and for INGV activities in the EC project 3HAZ-Corinth.

2004-2008: Responsible of INGV TTC Sistema WEB

2003-2004: Responsible of INGV TTC Editoria e WEB

2002-present: Responsible of EMERGEO (INGV emergency team for the coseismic effects from M>5.5 earthquakes).

2002-2003: Member of the GNDT scientific council

2001: Coordinator of Eurolab in Paleoseismology funded by EC named EUROPALEOS held in Spain

2000-2002: Responsible for INGV of the EC project CORSEIS.

1999-2008: Responsible for the INGV national WEB site

1998: Organizer of the 'ILP field workshop in Paleoseismology held in Managua (Nicaragua).

1997-2004: Coordinator of the Project Earthquake Recurrence Through Time (II-5) of the International Lithosphere Program.

1995: Organizer of the South America Field Workshop in Paleoseismology (Venezuela).

1994-1998: Responsible of the working group Active Faulting and Paleoseismology in the Mediterranean area within European Seismological Commission.

1994-present Occasionally Tutor for PhD students, Master Degree Thesis, Stages and part of PhD Thesis Juries.

1993-present: Occasionally Component of several Scientific Personnel Selection Commissions t (different levels).

Editorial Responsibilities

2013: Co-Editor of the Special Volume NHESS “*Marine and Lake Paleoseismology*”.

2012: Co-Editor of the Special Volume of the IJG “*Understanding the April 6th L’Aquila earthquake: the geological contribution*”.

2009-2013: Associated Editor for the *Italian Journal of Geosciences*.

2007-2012: Associated Editor for the *Journal of Earthquake Engineering*.

2003: Editor of the Special Volume of Annals of Geophysics “*Ten Years of Paleoseismology in the ILP: Progress and prospects*”.

1999-2006: Associated Editor for the *Bulletin of the Seismological Society of America*.

1998-2004: Associated Editor for *Tectonophysics*.

1993: Co-Editor of the special volume of the Annali di Geofisica “*Irpinia dieci anni dopo*”

Research Topics

On-fault and off-fault paleosismology

Active tectonics

Earthquake Geology

Tectonic Geomorphology

Active Faults Characterization

Geological Input to Seismic Hazard Assesment

Quaternary Geology

Quaternary Dating Methodologies

Seismic History Reconstruction of Active Faults

Tsunami Paleoseismology

Seismic Hazard

Computer skills

Acquired during the professional activity at INGV. Good commands with Microsoft Office programs, Acrobat, Graphic programs (Illustrator and Photoshop), WEB composers and GIS (ArcMap).

Honours and awards

1995 ILP Edward Flinn award for "her contribution to the study of paleoseismology and Holocene tectonics in several areas".

Publications

Author of >90 publication on JCR journals. The complete set of publication can be retrieved through <http://scholar.google.it/citations?hl=it&user=PvnAG8oAAAAJ> or orcid.org/0000-0001-7308-9104 . Scopus **H-index 25**

Publications list for the past 3 years follows:

R. Civico, C. A. Brunori, P. M. De Martini, S. Pucci, F. R. Cinti, and D. Pantosti (2015). Liquefaction susceptibility assessment in fluvial plains using airborne lidar: the case of the 2012 Emilia earthquake sequence area (Italy), *Nat. Hazards Earth Syst. Sci.*, 15, 2473–2483, 2015 www.nat-hazards-earth-syst-sci.net/15/2473/2015/ doi:10.5194/nhess-15-2473-2015

Villani F., V. Tulliani, V. Sapia, E. Fierro, R. Civico, and D. Pantosti (2015). Shallow subsurface imaging of the Piano di Pezza active normal fault (central Italy) by high-resolution refraction and electrical resistivity tomography coupled with time-domain electromagnetic data, *Geophys. J. Int.* (December, 2015) 203 (3): 1482-1494 doi:10.1093/gji/ggv399

Cocco M., G. Cultrera, A. Amato, T. Braun, A. Cerase, L. Margheriti, A. Bonaccorso, M. Demartin, P. M. De Martini, F. Galadini, C. Meletti, C. Nostro, F. Pacor, D. Pantosti, S. Pondrelli, F. Quarenì, M. Todesco (2015). The L'Aquila trial in: Peppoloni, S. & Di Capua, G. (eds) *Geoethics: The Role and Responsibility of Geoscientists*. Geological Society, London, Special Publications, 419, <http://dx.doi.org/10.1144/SP419.13>

Civico R., S. Pucci, P.M. De Martini, D. Pantosti (2015). Morphotectonic analysis of the long-term surface expression of the 2009 L'Aquila earthquake fault (Central Italy) using airborne LiDAR data *Tectonophysics* 644–645 (2015) 108–121 doi: 10.1016/j.tecto.2014.12.024

Villani F., S. Pucci, R. Civico, P. M. De Martini, I. Nicolosi, F. D'Ajello Caracciolo, R. Carluccio, G. Di Giulio, M. Vassallo, A. Smedile, D. Pantosti (2014). Imaging the structural style of an active normal fault through multidisciplinary geophysical investigation: a case study from the Mw 6.1, 2009 L'Aquila earthquake region (central Italy), *Geophys. J. Int.* (March, 2015) 200 (3): 1676-1691, doi: 10.1093/gji/ggu462

Civico R., D. Pantosti, S. Pucci, P.M. De Martini (2014). The Contribution of Airborne LiDAR Data to the Assessment of Surface Faulting Hazard for Lifelines Crossing Active Faults: An Example from the Central Apennines, Italy, in G. Lollino et al. (eds.), *Engineering Geology for Society and Territory – Volume 5*, DOI: 10.1007/978-3-319-09048-1_193, © Springer International Publishing Switzerland 2015.

De Martini P.M., L. Alfonsi, C.A. Brunori, F.R. Cinti, R. Civico, L. Cucci, D. Pantosti, S. Pinzi, S. Pucci, A. Venuti (2014). Geological and Geophysical Approaches for the Definition of the Areas Prone to Liquefaction and for the Identification and Characterization of Palaeoliquefaction Phenomena, the Case of the 2012 Emilia, Epicentral Area, Italy, in G. Lollino et al. (eds.), *Engineering Geology for Society and Territory – Volume 5*, DOI: 10.1007/978-3-319-09048-1_184, Springer International Publishing Switzerland 2015.

Papadopoulos G.A., E. Gràcia, R. Urgeles, V. Sallares, P. M. De Martini, D. Pantosti, M. González, A. C. Yalciner, J. Masclé, D. Sakellariou, A. Salamon, S. Tinti, V. Karastathis, A. Fokaefs, A. Camerlenghi, T. Novikova, A. Papageorgiou (2014). Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts, *Marine Geology* 354 (2014) 81–109, doi: 10.1016/j.margeo.2014.04.014

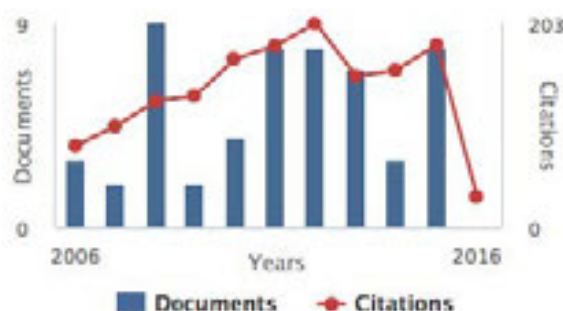
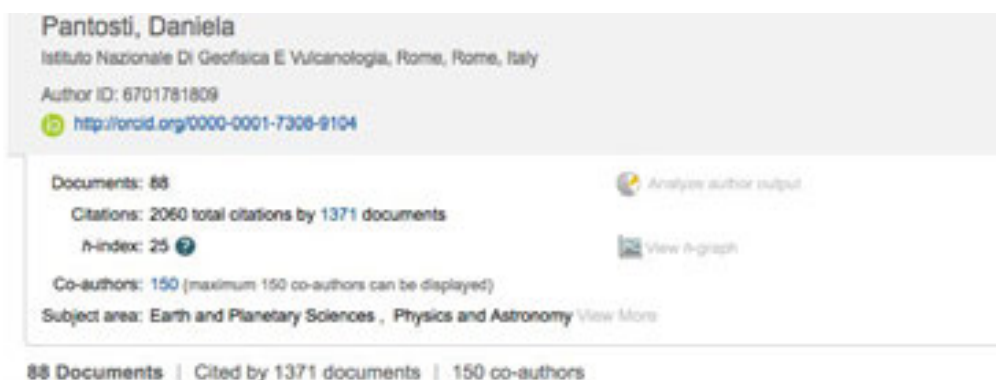
Pucci, S., F. Villani, R. Civico, D. Pantosti, P. Del Carlo, A. Smedile, P. M. De Martini, E. Pons-Branchu, A. Gueli, (2014). Quaternary geology of the Middle Aterno Valley, 2009 L'Aquila earthquake area (Abruzzi Apennines, Italy), *Journal of Maps*, DOI: 10.1080/17445647.2014.927128

Pirrotta C. , M.S. Barbano, D. Pantosti, P. M. De Martini (2013). Evidence of active tectonics in the Augusta Basin(eastern Sicily, Italy) by Chirp sub-bottom sonar investigation, ANNALS OF GEOPHYSICS, 56, 5, 2013, S0562; doi:10.4401/ag-637

Clark, K. J., Cochran, U. A. , Berryman, K. R. , Biasi, G. , Langridge, R. , Villamor, P. , Bartholomew, T. , Litchfield, N. , Pantosti, D. , Marco, S. , Van Dissen, R. , Turner, G., Hemphill-Haley, M. (2013). Deriving a long paleoseismic record from a shallow water Holocene basin next to the Alpine fault, New Zealand, GSA Bulletin, doi:10.1130/B30693.1.

Emergeo Working Group: G. Alessio, L. Alfonsi, C. A. Brunori, P. Burrato, G. Casula, F. R. Cinti, R. Civico, L. Colini, L. Cucci, P. M. De Martini, E. Falcucci, F. Galadini, G. Gaudiosi, S. Gori, M. T. Mariucci, P. Montone, M. Moro, R. Nappi, A. Nardi, R. Nave, D. Pantosti, A. Patera, A. Pesci, G. Pezzo, M. Pignone, S. Pinzi, S. Pucci, S. Salvi, C. Tolomei, P. Vannoli, A. Venuti, and F. Villani (2013). Liquefaction phenomena associated with the Emilia earthquake sequence of May–June 2012 (Northern Italy), Nat. Hazards Earth Syst. Sci., 13, 935–947, 2013, doi:10.5194/nhess-13-935-2013.

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La Sottoscritta Daniela Pantosti, consapevole che le dichiarazioni false comportano l'applicazione delle sanzioni penali previste dell'art. 76 del DPR 445/2000, dichiara che le informazioni riportate nel seguente Curriculum Vitae, corrispondono a verità

_____ Roma 22 aprile 2016

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003.
