

PERSONAL INFORMATION



DANIELA PANTOSTI

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Sex F | Date of birth 30/10/1961 | Nationality ITALIAN

WORK EXPERIENCE

- 01/03/2000-today **Istituto Nazionale di Geofisica e Vulcanologia**
www.ingv.it
Government
Research Director
Director of the section Sismologia e Tettonofisica – Roma1
- 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
- 02/11/1987-3. **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 - Enery
Consultant-Geologist
Site selection for Radioactive Wastes: Project Responsible

EDUCATION AND TRAINING

1986 Professional Geologist Qualification

1980-1985 Master Degree
Università degli Sudi di Roma "La Sapienza"
Dott. In Geological Sciences
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
Replace with name of language certificate. Enter level if known.					
FRENCH	C1	C1	B2	B2	B2
Replace with name of language certificate. Enter level if known.					

Organisational / managerial skills	<p>During my professional career at INGV I have acquired a long organizational and managerial experience both because of responsibilities within the institute 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 led INGV Units comprising > 20 people. Currently I am responsible for a Section of 140 people.</p> <p>A list of the main organizational/managerial duties follows.</p> <p>1994-1998: Responsible of the working group Active Faulting and Paleoseismology in the Mediterranean area within European Seismological Commission.</p> <p>1995: Organizer of the South America Field Workshop in Paleoseismology (Venezuela).</p> <p>1997-2004: Responsible of the Project Earthquake Recurrence Through Time (II-5) of the International Lithosphere Program.</p> <p>1998: Organizer of the 'ILP field workshop in paleosismology held in Managua (Nicaragua).</p> <p>1999-2008: Responsible INGV national WEB site</p> <p>2000-2002: Responsible for INGV of the EC project CORSEIS.</p> <p>2001: Coordinator of Eurolab in Paleosismology funded by EC named EUROPAL EOS held in Spain</p> <p>2002-2003: Member of the GNDT council</p> <p>2003-2004: Responsible of INGV TTC Editoria e WEB</p> <p>2004-2008: Responsible of INGV TTC Sistema WEB</p> <p>2002-present: Responsible of EMERGEO (INGV emergency team for the coseismic effects from M>5.5 earthquakes).</p> <p>2002-2005: Responsible for WP2 "Paleosismologia" and for INGV activities in the EC project RELIEF.</p> <p>2004-2007: Responsible for WP2 " and for INGV activities in the EC project 3HAZ-Corinth.</p> <p>2005-present: Responsible of the INGV Unit Tettonica Attiva (staff >20).</p> <p>2006-2009: Responsible for INGV activities in the EC project TRANSFER.</p> <p>2007-2010: General Coordinator for the seismological projects of the INGV-DPC agreement, years 2007-2009.</p> <p>2008-2013: Co-director of the project Nato for Peace CauSER.</p> <p>2010- Co-director the ESF conference Submarine Paleoseismology: The Offshore Search of Large Holocene Earthquakes (Oberurgl, Austria).</p> <p>2012-present: Member of the working group on the information relative to the L'Aquila process</p> <p>2013-present: Director of the INGV Section Sismologia e Tettonofisica – ROMA1 (staff>140)</p> <p>2015-Participate in the Scientific Committee for the Centenary of the 1915 Marsica earthquake "CENTO ANNI DAL TERREMOTO Il percorso della cultura sismica", Avezzano, January 2015.</p> <p>2015 Participate in the organization of INQUA Congress FUCINO 2015 "Paleoseismology, Active Tectonics and Archaeology", Pescina April 2015.</p>
Editorial Responsibilities	<p>1993: Co-Editor del volume speciale degli Annali di Geofisica "Irpinia dieci anni dopo"</p> <p>1998-2004: Editor Associato per <i>Tectonophysics</i>.</p> <p>1999-2006: Editor Associato per il <i>Bulletin of the Seismological Society of America</i>.</p> <p>2003: Editor del volume speciale degli Annals of Geophysics "Ten Years of Paleoseismology in the ILP: Progress and prospects".</p> <p>2007-2012: Editor Associato per il <i>Journal of Earthquake Engineering</i>.</p> <p>2009-2013: Editor Associato per l'<i>Italian Journal of Geosciences</i>.</p> <p>2012: Co-Editor del volume speciale IJG "Understanding the April 6th L'Aquila earthquake the geological contribution".</p> <p>2013: Co-Editor del volume speciale NHESS "Marine and Lake Paleoseismology".</p>

- Job-related skills** On-fault and off-fault paleoseismology
Active tectonics
Earthquake Geology
Tectonic Geomorphology
Active Faults Characterization
Geological Input to Seismic Hazard Assessment
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 google scholar <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 Palaeo-liquefaction 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. Mascle, 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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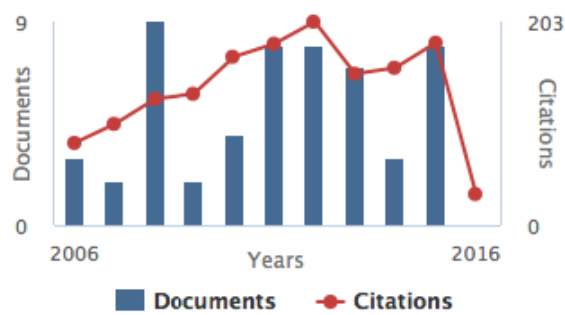
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