



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	Rita Di Giovambattista
E-mail	rita.digiovambattista@ingv.it
September 2018-today	Istituto Nazionale di Geofisica e Vulcanologia www.ingv.it Government Director of the INGV Earthquake Department
31/12/2007-September 2018	Istituto Nazionale di Geofisica e Vulcanologia www.ingv.it Government Research Director Earthquake Physics
01/02/ 2001-31/12/2007	Istituto Nazionale di Geofisica e Vulcanologia www.ingv.it Government Senior Researcher Earthquake Physics
01/02/1987-01/02/2001	Istituto Nazionale di Geofisica e Vulcanologia www.ingv.it Government Researcher Earthquake Physics and seismic monitoring

Teaching Experiences

1999-2002 Terrestrial Physics University G. D'Annunzio of Chieti, Italy
Tutor for Bachelor's Degree in Geology Roma Tre University and
Bachelor's Degree of Engineering University Tor Vergata, Rome

Main activities and responsibilities

1997-2000 Responsible for the bilateral collaboration Italy-Russia: Project: ' Application of a new method for Intermediate-term earthquake prediction in the Italian territory'
2000-2003 Responsible for the bilateral collaboration Italy-Russia: Project: ' Development of complex methodology of Italian seismicity monitoring for intermediate-term prediction of earthquakes'
2003-2004 Responsible for the bilateral collaboration Italy-Russia: Project: 'The Research of the Earth's crust instability manifestations in a strong earthquake preparation area in Italy'
1987-2001 INGV seismic service, Earthquake seismologist
2001-2017 INGV seismic service officer
March 2017 INGV Delegate in the Operational Committee (OC) of the Italian Department of Civil Protection (DCP)
September 2018 Director of the Earthquake Department INGV
October 2018 Responsible of the Management Board of EISAC Italy
31/8/2020 Representative for INGV of the Joint Research Unit (JRU) "HPC4NDR - High Performance Computing for Natural Disaster Resilience"

Education and training

28 November 1985 Master Degree in Physics, University La Sapienza, Rome, Italy

Mother tongue(s) **Italian**

Other language(s) **English (current use of the language (written and spoken))**

French (scholastic level)

Community service and other activities

Participation in international committees:

- European Mediterranean Seismological Centre, executive Committee Council of Europe, Open Agreement data exchange in Europe
- IASPEI Subcommission 'Earthquake Prediction'
- Scientific Protocol of the Commission of the Italian Foreign Minister for Collaboration with the Russian Federation
- Convener session "Advanced Computer Technology of Data Analysis" IASPEI, 2001.
- Convener session "New Technologies and Geophysical Data Challenger" IUGG, 2003.
- Convenor Session "Multifractals, Selfsimilarity and Nonlinear Dynamics in the Failure Process" First European Conference on Earthquake Engineering of the European Seismological Commission (ESC)
- Presiding Chair session JWS33-B2 IUGG, 1999.
- Working Group "Algorithm and models of earthquake prediction" ESC
- Convenor and presiding chair of scientific sessions of international conferences European Geophysical Society and European Seismological Commission

Reviewer:

- Geophysical Journal International
- Geophysical Research Letters
- Journal of Seismology
- Tectonophysics
- Journal of African Earth Science (Elsevier)

Research Topics

The research I conducted has an interdisciplinary character and includes various aspects of theoretical and experimental seismology, Tectonophysics and to a lesser extent Structural Geology.

The research activity is aimed at understanding seismogenesis by integrating (1) statistical seismology studies, (2) analysis of source parameters, (3) seismic rupture propagation models.

The research is conducted in collaboration with researchers having different cultural backgrounds (geologists, geochemists, seismologists, physicists), and the goal is to better understand the processes that occur during the seismic cycle and the physics of earthquakes.

A significant part of the research activity was dedicated to improving seismic monitoring by contributing to the updating of the national seismic network, to the development of the first INGV parametric and waveforms database and to the activities of the INGV dedicated to the development of the monitoring on a European scale carried out by the CSEM. I participated in the creation of the Instrumental Catalog of Italian Earthquakes from 1981 to 1996

Publications

More than 50 scientific journal papers obtaining more than 1,100 citations and **h index 23** and **i10-index 35**. Many presentations at international and national conferences and workshops.

<https://scholar.google.it/citations?user=Hr1r3J0AAAAJ&hl=it>

Roma, 30/10/2020

In Fede,

