

|   |                               |                     |
|---|-------------------------------|---------------------|
|  | <p><b>Paolo Gasparini</b></p> | <p><b>ITALY</b></p> |
|---|-------------------------------|---------------------|

Paolo Gasparini has been full Professor of Geophysics at the University of Napoli Federico II from 1970 till 2012. Now he is Professor Emeritus of Geophysics at the same University and President of AMRA, a no profit research centre owned by the University of Napoli Federico II.

He has been visiting Professor at Rice University of Houston, USA, the Lawrence Radiation Laboratory of Berkeley, USA, the University of Sao Paulo, Brazil, the Geologisk Mineralogisk Museum of Oslo and the Geological Survey of Norway.

He has Directed the Mt. Vesuvius Volcano Observatory from 1970 till 1983 and has served as Vice-President (1987- 1991) and President (1991-1995) of IAVCEI (Int. Assoc. of Volcanology and Chemistry of the Earth's Interior).

His early research activities were in the field of natural radioactivity, geochronology, isotope geochemistry and physical volcanology. After 1970 his interests increasingly concentrated in volcanology, mainly on the precursors of explosive eruptions and probabilistic assessment of volcanic risk and on methods of seismic tomography to explore the interior of volcanoes of the Neapolitan area (Mt. Vesuvius and Phlegraean Fields) and the crust underneath. After 1990 his activities concentrated on earthquake forecast, and early warning, promoting and coordinating the first large European projects on this issue. His present activities include probabilistic assessment of multi risk and resilience from natural and anthropogenic events, and seismicity induced by oil and gas exploitation.

He published more than 150 scientific articles and more than 20 books on all these issues. During his career he has been the leader of fifteen large projects funded by the European Commission, NASA, the World Bank.

He served as consultant for the Italian, the French and the USA Governments during emergencies related to volcanic eruptions (Guadeloupe, Mt. Etna, Stromboli, Phlegraean Fields etc) and earthquakes (1976 Friuli, 1980 Irpinia, 2009 L'Aquila, 2012 Emilia Romagna).