

CURRICULUM VITAE

Raoul Ivan MADARIAGA

Laboratoire de Géologie
Ecole Normale Supérieure
24 rue Lhomond
75231 Paris cedex 05, France
Tél. 0144322216, Fax 0144322200
e-mail: madariag@geologie.ens.fr

Education

- School of Engineering University of Chile.
- Civil Engineering Degree. University of Chile
- Graduate studies at the Massachusetts Institute of Technology
- Ph.D. in Geophysics from M. I. T., June 1971.

Academic career

- Assistant Professor, Department of Geophysics, University of Chile, Santiago, 1971-1973
- Research Associate, Department of Earth and Planetary Sciences, Massachusetts Institute of Technology, 1974-1976.
- Physicien Adjoint, Institut de Physique du Globe de Paris, University of Paris VI, 1977-1979.
- Professor 2nd class (Associate Professor). Département de Sciences Physiques de la Terre, Université Paris VII, 1979-1984.
- Professor 1st class (Full Professor). Département de Sciences Physiques de la Terre, Université Paris VII, 1984-1991.
- Professor of exceptional class. Département de Sciences Physiques de la Terre, Université Paris VII, 1991-1998.
- Senior Member of Institut Universitaire de France, 1993-1998.
- Professor of exceptional class, Ecole Normale Supérieure, 1998-2012
- Profesor emeritus Ecole Normale Supérieure, 2012-

Academic responsibilities

- Director of the seismological observatory, Department of Geophysics, University of Chile, 1971-1973.
- Director Seismological Laboratory, Institut de Physique du Globe de Paris and Université Paris 7 1985-1997.
- Director of the Seismic Research Group of CNRS, Elf Aquitaine and IFP. 1987-1992.
- Director Geology Laboratory of Ecole Normale Supérieure, 2000-2006.

Fellowships

- U.S. National Science Foundation, Office of Antarctic Research Fellowship. September 1967 - May 1971.
- Green Scholar, Institute of Geophysics and Planetary Physics, University of California, San Diego, 1981.

Awards

- Prix d'Aumale of Institut de France (Academy of Sciences) 1980.
- Fellow American Geophysical Union, 1991.
- Prix Antoine D'Abbadie of Academy of Sciences, 1992.
- Senior Member of Institut Universitaire de France, 1993-1998.
- Grand Medal of the President of the University of Chile, 1998.
- Stephan Mueller Medal of the European Geophysical Society, 1999.
- Harry F. Reid Medal of the Seismological Society of America, 2004.

Editorial Work

- Editor Solid Earth Section of Annales Geophysicae, 1983-1987.
- Associate Editor of PAGEOPH, 1986-2001.
- Associate Editor Journal of Seismology, 1996-2000.
- Associate Editor of Geophysical Journal International, 1996-1998.
- Associate Editor of Tectonophysics, 1992-2007
- European Editor of Geophysical Journal International, 1999-2006
- Member of Editorial Board of Science, 2000 - 2010

Scientific Advisory committees

- Member of the CNRS National Committee, Section 13, 1991-1995.
- Member of the National Committee of Astronomers and Physics of the Earth (CNAP) 1992-2000.
- President of CNAP 1996-2000.
- Member of the Scientific advisory committee of Institut Français du PÃ©trole, 1999-2012.
- Member advisory committee Chinese Academy of Sciences, Taiwan, 2004-2008
- Scientific advisory committee Centro de Geofisica, University of Evora, Portugal, 2001-
- Member Committee for the evaluation of earthquake prediction practices. Civil Protection of Italy, 2009
- Member of scientific evaluation committee, FCT Portugal, 2007, 2009-2011.
- Member of evaluation committee of the Environment Programme of European Union, DGXII, 2008-2013.

Scientific Organisations

- Fellow of the American Geophysical Union.
- Life Member of the Seismological Society of America.
- Member Society of Exploration Geophysics.
- Member European Geophysical Society
- Member European Union of Geosciences

Advisor of Ph.D. Theses

1. H. Lyon-Caen, Doctorat 3ème cycle 1980
2. A. Deschamps, Doctorat d'Etat, 1981
3. J.P. Vilotte, Doctorat 3ème Cycle, 1981
4. M. Malgrange, Doctorat 3ème cycle, 1982
5. J. Virieux, Doctorat d'Etat, 1982
6. P. Bernard, Doctorat 3ème cycle, 1982
7. P. Papadimitriou, Doctorat, 1985
8. Th. George, Doctorat, 1985
9. J.P. Vilotte Doctorat d'Etat, 1986
10. I. Korrat, Doctorat, 1986
11. V. Farra, Doctorat, 1987
12. P. Bernard, Doctorat d'Etat, 1988
13. M. Bezzeghoud, Doctorat, 1988
14. A. Zollo, Doctorat, 1990
15. L. Quintanar, Doctorat, 1991
16. S. Jin, Doctorat, 1991
17. G. Lambaré, Doctorat, 1992
18. G. de Natale, Doctorat, 1993
19. J.-L. Guiziu, Doctorat, 1993
20. J. Campos, Doctorat, 1995
21. A. Cochard, Doctorat, 1995
22. S. Le Bégat, Doctorat, 1995
23. E. Forgues, Doctorat, 1996
24. P.-S. Lucio, Doctorat, 1996
25. Ph. Thierry, Doctorat, 1997
26. I. Tabti, Doctorat, 1997
27. V. Clochard, Doctorat, 1998
28. J. M. Gomez, Doctorat, 1998

29. S. Leborgne, Doctorat, 1999
30. F. Billete, Doctorat, 1999
31. H. Perfettini, Doctorat, 2000
32. C. V. Gérea, Doctorat, 2001
33. D. Grenié, Doctorat, 2001
34. S. Peyrat, Doctorat, 2001
35. A. Lemoine, Doctorat, 2001
36. H. Mohammedi, Doctorat, 2002
37. A. Gardi, Doctorat Milan, 2002
38. H. Borgne, Doctorat, 2004
39. A. Sladen, Doctorat, 2005
40. M. Cavalca, Doctorat, 2005
41. K. Sesetyan, Doctorat cotutelle Paris-Sud, Bogazici, Turkey, 2007
42. S. DiCarli, Doctorat, 2008
43. S. Allgeyer, Doctorat, 2012
44. S. Ruiz, Doctorat cotutelle IPGP-University of Chile, 2012
45. A. Fuenzalida, Doctorat, 2013