

Curriculum Vitae of Nicola Pirrone

Current Position

- Director
Institute of Atmospheric Pollution Research of the CNR (CNR-IIA), Rome, Italy
Tel.: + 39.06.90672831 / 03 Fax: + 39.06.90672472 Cell.: + 39.335.219989
URL: <http://www.iaa.cnr.it> E-mail: pirrone@iaa.cnr.it
- Adjunct Professor
Depart. Environmental Health Sciences, University of Michigan, Ann Arbor, USA
URL: <http://www.umich.edu>

Work Experience

<i>Period</i>	2008 – present
<i>Position / Institution</i>	Director / CNR-IIA
	<ul style="list-style-type: none"> ▪ 2012 – present Adjunct Professor / SPH-EHS, University of Michigan, Ann Arbor, USA ▪ Since 2007 Research Director / CNR-IIA, Rome, Italy ▪ 1998 - 2012 Adjunct Associate Professor / SPH-EHS, University of Michigan, Ann Arbor, USA ▪ 1998 – 2008 Founder and Head of Division / Division of Rende of the CNR-IIA, Rende, Italy ▪ 1997 – 2006 Senior Research Scientist / CNR-IIA, Italy ▪ 1996 – 1997 Adjunct Assist. Professor / Dep. Env. & Industrial Health, Univ. of Michigan, USA ▪ 1991 – 1996 Research Fellow / Dep. Env. & Industrial Health, Univ. of Michigan, USA ▪ 1989 – 1990 Research Scientist / Int. Inst. of Applied Systems Analysis (IIASA), Wien, Austria

Education

- Graduated in Nuclear Engineering, University of Pisa (1989)

Awards

- Kathryn R. Mahaffey Lifetime Achievement Award (LAA), ICMGP 2017, Providence, Rhode Island, USA, 12th July 2017
- Awarded the “Certificate of Appreciation of his Commitment and Outstanding Contribution to the UN Environment Global Mercury Partnership” by United Nations Environment Programme, 22 September 2017, Geneva, Switzerland.
- International award, *Ecologia “Verde Ambiente”*, V.A.S. & Green Cross, 3rd Edition, Sorrento, Italy, 2nd June 2013

Professional activity

During the last 25 years he had an active role as expert member / chair / head of Italian delegations in European, International and National programs and task forces related to different aspects of Earth Observation, Environmental Research, Environmental Policy development and Evaluation of research strategies in EU and abroad. A brief overview is reported below.

<i>Period</i>	2017 – present
<i>Position / designating Institution</i>	European Union Representative in the WG “Effectiveness Evaluation of Minamata Convention” / Presidency of European Union
	<ul style="list-style-type: none"> ▪ 2016 – present GEO Principal of Italy, Italian Representative in the EU High Level Working Group of GEO (Group on Earth Observations) / Italian Ministry of Environment ▪ 2012 – present Expert member, Civil Protection Department, National Commission on Prevention and Forecast of Relevant Risks / Presidency of the Italian Council of Ministers ▪ 2013 – present Head, National Reference Centre for Mercury (CNRM), formed by CNR and Ministry of Environment (http://www.cnrmerc.org)

<i>Position / designating Institution</i>	<i>Period</i>
	2015
	GEO Principal Alternate of Italy, Italian Representative in the EU High Level Working Group and Executive Committee of GEO / Italian Ministry of Environment
	<ul style="list-style-type: none"> ▪ 2013 – present Member, Scientific Committee / Earth Day Italia ▪ 2016 – present Coordinator, GEO Flagship “Global Observing System for Mercury (GOS4M) / GEO Executive Committee ▪ 2013 – 2014 Head of Italian Delegation, Intergovernmental Negotiating Committee, UNEP / Italian Ministry of Environment (MATTM) ▪ 2012 – 2015 Chair, GEO Task on Tracking Pollutants / GEO - GEOSS ▪ 2013 – 2014 Coordinator, WG of CNR for the socio-economic-environmental evaluation of the proposed upgrade of Florence Airport / Provinces of Florence and Prato ▪ 2011 – 2014 CNR Representative, Italian Association for Industrial Research (AIRI) / CNR ▪ 2009 CNR Representative, Commission (Sogin S.p.A.) in charge to select the national long-term storage site for nuclear wastes / CNR ▪ 2001 – present Head of Italian Delegation, Steering Body, UNECE-LRTAP convention / MATTM ▪ 2009 – 2011 Expert / Fundação para a Ciência e a Tecnologia (FCT), Ministério da Ciência, Tecnologia e Ensino Superior, Portugal. ▪ 1993 – present He has been coordinator of major national, European and international projects / funded by <i>i.e.</i>, EC, UNEP, USEPA, World Bank, MIUR, MATTM ▪ 2002 – present Italian Representative, Global Ministerial Environment Forum, UNEP / MATTM ▪ 2000 – 2010 Chair, WG-25 on Air Quality Standard / EC-DG Environment & CEN TC264 ▪ 2006 – present Chair, Global Partnership on Mercury Fate and Transport Research / UNEP ▪ 2006 – 2010 Coordinator, WG Task Force HATAP / Steering Body of EMEP ▪ 2006 – 2008 Member, Commission on Sustainable Development / MATTM ▪ 2002 – 2007 Coordinator, Bilateral Agreement Italian Ministry of Environment and U.S. EPA / MATTM ▪ 2005 – 2011 Chair, Task on Global Monitoring Plan for Mercury / GEO ExCom ▪ 2001 – 2006 Italian Representative, GMA Program, UNEP / MATTM ▪ 2000 – 2010 Member, Environment Commission / UNI ▪ 1998 – 2014 Member, EC <i>Expert Panels</i> for proposal evaluation within the FP4 to FP7 ▪ 1998 – 2002 Steering Board Member, ELOISE / EC DG Research ▪ 1999 – 2001 Chair, WG Position Paper 4th European Air Quality Directive / EC-DG Environ. ▪ 1999 – 2002 Italian Representative, European Air Quality Directive / MATTM ▪ 1998 – 2002 Chair, WG Integration of Natural & Socio-Economic Sciences / EC-DG Research ▪ 1993 – 1995 Member of the Experts Panel of U.S.EPA in charge to prepare the “<i>Report on Atmospheric Deposition of Contaminants to the Great Lakes and Coastal Waters</i>”.

Scientific consultancy

He has been Scientific Consultant/Reviewer for major European and international bodies/institutions including: Nordic Council of Ministers, Norwegian Council of Research, Research Council of Canada, U.S. EPA, United Nations Environment Programme, Ministry of Scientific Research of Slovenia, EC, WHO, VRIJE Universiteit-Brussels, Italian Ministry of Environment and other public institutions.

Referee for international reviews

He is referee for *Nature*, *Science*, *Atmospheric Chemistry and Physics*, *JGR, Environmental Science & Technology*, *Atmospheric Environment*, *Chemosphere*, *Environmental Pollution*, *Geochimica et Cosmochimica Acta*, *JAWMA*, *STOTEN*, *WASP*, *EM&A*.

Academic activities & mentorship

- As *Adjunct Professor* at the *University of Michigan* provides seminars to master and Ph.D. students on different aspects related to biogeochemical cycles of atmospheric pollutants, atmospheric chemistry and air quality, global changes and development and implementation of environmental policies.
- He has been mentor and advisor of master, Ph.D. students and post-doc.
- During the last 25 years he has been Principal Investigator and coordinator of +m 60 large research projects and programmes funded by European, international and national agencies.
- One of the key activity that he has carried out in the last 10 years focused on bridging the fundamental environmental research with environmental policy development. He has been Italian Representative, Head of Italian Delegations and Chair in the framework of policy development within the EC (*i.e.*, DG Environment) for the preparation of Air Quality Directives, the CEN for TC264, the UNEP, and the CLRTAP convention for the EMEP Steering Body and HTAP Task Force.
- He has been invited as plenary speaker in major international conferences and key note lecturer by leading universities and research institutions worldwide.

Editorial Boards

He has been Associated and Guest Editor and member of Editorial Boards of peer-reviewed journals including:

- Atmospheric Chemistry and Physics, Copernicus
- Encyclopaedia of Environmental Health, 2nd Edition, Elsevier
- Atmospheric Environment, Elsevier
- Marine Chemistry, Elsevier
- Atmospheric Pollution Research, TUNKAP
- Journal of the Air & Waste Management Association, Tylor & Francis Group
- International Journal of Environmental Research and Public Health, MDPI
- Regional Environmental Changes, Springer

Publications

He published > 300 scientific papers, books and conference proceedings in the international peer-reviewed literature that can be found at: <http://scholar.google.it/citations?user=IjbdlzYAAAAJ&hl=it>.