

## Antonio Navarra Curriculum Vitae

### Personal Details

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**Date of Birth:** September 29, 1956

**Nationality:** Italian

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Fondazione Centro Euro-Mediterraneo sui Cambiamenti  
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### Education

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Princeton University, Ph.D	1983-1985, Ph.D.
Princeton University, Master of Arts,	1980-1982, M.A.
Università di Bologna, Laurea in Fisica, 110 e lode	1980
ECMWF, Reading, UK (Teaching Course)	1980
CERN, Geneva, Switzerland (Summer Student)	1979

### Professional Experiences

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Director of Struttura Ambiente, INGV	2013-2014
Board of Directors, Istituto Nazionale di Astrofisica,	2008-2011
Affiliate Scientist, NCAR	2007-present
President, Centro Euro-Mediterraneo per i Cambiamenti Climatici	2005-present
Board of Directors, Istituto Nazionale di Geofisica e Vulcanologia,	2000 - 2004
Dirigente di Ricerca, Istituto Nazionale di Geofisica	1999 - present
Scientist, permanent position, IMGA-CNR	1988 -1999
Scientist, 4 years contracts, IMGA-CNR	1987 -1988

*Visiting Scientist:*

National Center for Atmospheric Research, Boulder, USA,	1992 - present
Max-Planck-Institut für Meteorologie, Hamburg,	1993, 1994, 1995
GFDL/Princeton University	1992, 1993, 1994
Harvard University	1987, 1988
University of Maryland	1986, 1987

### Teaching Activities

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1. Contract Professor, Ph.D Program in Science and Management of Climate Change, University of Venice	2008-present
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2. Contract Professor, "Meteorology e Climatology", Corso di Laurea in Scienze Ambientali, Sede di Ravenna, Università di Bologna 1997-2007.
- 3 Special Lecturer, Special series of 20 lectures, "Meteorologia e Climatologia", Corso di Laurea in Fisica, Università di Bologna, 1996-1997.

**Thesis Advised:**

*Tesi di Laurea (Senior Level):*

Andrea Alessandri, Laurea in Scienze dell'Ambiente, Università di Bologna, Sede di Ravenna	A.A.	2001-2002.
Michela Montebelli, Laurea in Scienze Ambientali, Università di Bologna, Sede di Ravenna	A.A.	2000-2001.
Umberto Resmi, Laurea in Scienze Ambientali, Università di Bologna, Sede di Ravenna	A.A.	1998-1999.
Luca Criscuolo, Laurea in Scienze Ambientali, Università di Bologna, Sede di Ravenna	A.A.	1998-1999.
Elisa Pollini, Laurea in Scienze Ambientali, Università di Bologna, Sede di Ravenna	A.A.	1998-1999.
Annalisa Cerchi, Laurea in Fisica, Università di Bologna	A.A.	1997-1998.
Giulio Boccaletti, Laurea in Fisica, Università di Bologna	A.A.	1996-1997.
Maria Luisa Cassani, Laurea in Matematica, Università di Bologna	A.A.	1996-1996.

*Tesi di Dottorato (Graduate Ph.D Level):*

Giovanni Conti, Ph.D Program in Science and Management of Climate Change, University of Venice		2015
Giuseppe Zappa, Ph.D Program in Science and Management of Climate Change, University of Venice		2011
Stefano Materia, Dottorato in Scienze Ambientali, Bologna		2009
Andrea Alessandri, Dottorato di Geofisica, Università di Bologna		2006
Annalisa Cherchi, Dottorato di Geofisica, Università di Bologna,		2003
Silvio Gualdi, PhD Hamburg University		1996

*Habilitation (Post Graduate Ph.D Level):*

External Examiner per l'Habilitation del Dr. Ali Harzallah, Laboratoire de Meteorologie Dynamique, Ecole Normale Supérieure, Paris.

**Institution Building**

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Antonio Navarra has planned and directed the process of creation of the Centro EuroMediterraneo per i Cambiamenti Climatici ([www.cmcc.it](http://www.cmcc.it)), that is the national Italian center for modeling studies of climate change and its impacts. As the Director of the center he has supervised the innovative corporate structure of the center, a no-profit partnership of public and private research organizations, its planning and implementation. The Center started operations in 2005 with a starting fund of 27 Million Euro and now includes more than 50 researchers, headquarters in Lecce and offices in Bologna, Venezia, Sassari and Capua (Naples). The yearly budget has reached around 15M euro by winning other national research contracts from public and private funders, including seven EU Framework Program 7 projects.

### Participation to Conferences

- *COP 13*, Bonn, Germany, 13-17 Novembre 2017
- *54th Session of the IPCC Bureau Meeting*, Montreal, Canada, 5-10 September 2017
- *53rd Session of the IPCC Bureau Meeting*, Guadalajara, Mexico, 26-31 March 2017
- *2nd Meeting of Environmental Journalists from New Agencies in the Mediterranean. Improving Climate Change Reporting in the Mediterranean: Science – Media interface*, Marrakech, Morocco, 11-13 November 2016
- *Model Hierarchies Workshop* - World Climate Research Programme, Princeton, USA, 2-4 November 2016
- *Low Carbon Society Research Network 8<sup>th</sup> Meeting*, Wuppertal, Germany, 6-7 September 2016
- *IPCC Conference*, Geneva, Switzerland, 16-17 February 2016
- *Advancing the Climate Modelling Enterprise in Europe*, Chicheley, UK, 11-12 January, 2016
- *COP21 Conference*, Paris, France, 30 November – 12 December 2015
- *JPI Climate Governing Board meeting - Taking stock and inspiring the future*, Madrid, Spain, 18-19 November 2015
- *APEC Climate Symposium*, Manila, Philippines, 2-4 November 2015
- *42nd Session of the IPCC Meeting*, Dubrovnik, Croatia, 5-8 October 2015
- *United Nation Climate Change Conference - Subsidiary Bodies of UNFCCC 2015*, Bonn, Germany, 1-11 June 2015
- *G7 Outreach Conference*, Berlin, Germany, 29-30 April 2015
- *4th meeting of Task Force on ERA-net Climate Services*, Bruxelles, Belgium, 20-21 January 2015
- *PRACE SSC Meeting*, Bruxelles, Belgium, 19-20 January 2015
- *Advisory Panel for the Peer Review of the Regional Framework for Adaptation to Climate Change in Coastal and Marine Areas in the Mediterranean*, Athens, Greece, 17-18 December 2014
- *The latest assessment report of the IPCC: summarizing health implications for environment and health professionals*, Bonn, Germany, 27-28 May 2014
- *H2020 SC5 Advisory Group meeting*, Bruxelles, Belgium, 21-23 May 2014
- *7th Governing Board Meeting of JPI Climate*, Paris, France, 20-21 May 2014
- *EGU European Geosciences Union General Assembly 2014*, Vienna, Austria, 27 April – 2 May 2014
- *4th Meeting of the H2020 Advisory Group for the Societal Challenge 5 “Climate action, environment, resource efficiency and raw materials” (SC5)*, Bruxelles, Belgium, 13-14 March 2014
- *WHO Meeting of the Scientific Committee members for the training resources for capacity building on climate change and health*, Bonn, Germany, 22-24 January 2014
- *COP 19 Climate Change Conference*, Warsaw, Poland, 8-22 November 2013
- *New faces on Climate Variability*, Yokohama, Japan, 29-30 October 2013
- *WHO meeting: Training toolkit on climate change and health*, Bonn, Germany, 5-6 March 2013
- *Stochastics in geophysical fluid dynamics*, Palo Alto, USA, 4-7 February 2013
- *COP 18 - UN Climate Change Conference*, Doha, Qatar, 3-4 December 2012

- *WHO meeting: Training toolkit on climate change and health*, Bonn, Germany, 5-6 March 2013
- *Stochastics in geophysical fluid dynamics*, Palo Alto, USA, 4-7 February 2013
- *COP 18 - UN Climate Change Conference*, Doha, Qatar, 3-4 December 2012
- *Climate Change Conference COP 19*, Varsavia, Poland, 19-21 November 2013
- *Joint Programming Initiative Climate: Connecting Climate Knowledge for Europe*, Bruxelles, Belgio, 7 November 2012
- *WMO Extraordinary Congress*, Ginevra, Switzerland, 29 October 2012
- *Rio+20 Corporate Sustainability Forum*, Rio de Janeiro, Brasil, 17-22 June 2012
- *International Symposium on Climate Variations: From Basic Research to Rich Applications*, Tokyo, Japan, 11-12 April 2012
- *Environmental Sciences and Engineering*, Podgorica, Montenegro, 3 April 2012
- *Climate Change Impacts on Water and Security in Southern Europe and Neighboring regions*, Munich, Germany, 15 February 2012
- *IS-ENES Second General Assembly*, Lecce, Italy, 12-14 December 2011
- *APEC Climate Symposium 2011: Harnessing and Using Climate Information for Decision Making*, Honolulu, Hawaii, 17-20 October 2011
- *Brazil: The New Global Green Economy - III Sustainable Development Forum*, New York, USA, 25-27 September 2011
- *Environment and Sport contributing to Green Games*, Rio de Janeiro, Brasil, 18 July 2011
- *Making sense of the multi-model decadal prediction experiments from CMIP5*, Aspen, USA, 26 June – 1 July 2011
- *Modeling and Policy of CO2 Removal from the Atmosphere*, Venezia, 30-31 May 2011
- *IS-ENES Foresight Meeting*, Hamburg, Germany, 2-4 February 2011
- *“Supercomputing: the Imperative and the Path Forward”*, Abu Dhabi, United Arab Emirates, 9-10 January 2011
- *16th Conference of the Parties (COP 16) serving as the meeting of the Parties to the Kyoto Protocol (CMP 6)*, Cancun, Mexico, 29 November – 10 December 2010
- *Operational Oceanography and Climate Change in shelf and coastal seas (OOC)”,* Shanghai, Cina, 25-26 October 2010
- *1st JPI CliK’EU SRA workshop*, Bruxelles, Belgium, 5-6 October 2010
- *Adaptation to Climate Change in the Coastal Zones of the Mediterranean Region and China Workshop*, Shanghai, China, 16 September 2010
- *Kick-off meeting EU-China Clean Energy Centre Project*, Pechino, China, 28 April 2010
- *IS-ENES (InfraStructure for the European Network for Earth System Modelling) Scoping Meeting*, Montvillargennes, France, 29-31 March 2010
- *International Conference on Energy, Water and Climate Change in the Mediterranean & Middle East*, Cyprus, 11-15 January 2010
- *United nation Climate Change Conference*, Copenhagen, Denmark, 7-18 December 2009
- *Climate Variations in South Africa and Roles of Subtropical Oceans*, Tokyo, Japan, 3 December 2009
- *Capacity Building in the Field of Environment*, Ankara, Turchia, 19 novembre 2009
- *16th Ordinary Meeting of the Contracting Parties to the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean and its Protocols*, Marrakesh, Morocco, 3-5 November 2009
- *Climate Change and Sustainable Development in the Mediterranean Region and Southern Eastern Europe*, Budva, Montenegro, 16-17 October 2009
- *6th Executive Board Meeting CIRCE*, Paris, France, 14 October 2009

- *Milutin Milankovitch 130<sup>th</sup> Anniversary Symposium: Climate Change at the Eve of the Second Decade of the Century – Inferences from paleoclimate, and regional aspects*, Beograd, Serbia, 22-25 September 2009
- *Scoping Meeting for the IPCC Fifth Assessment Report*, Venice, Italy, 13-17 July 2009
- *14<sup>th</sup> Annual CCSM (Community Climate System Model) Workshop*, Breckenridge, USA, 15-18 June 2009
- 17<sup>th</sup> Session of the Commission on Sustainable Development, Side Event: *Adaptation to Climate Change in the Pacific. A model for International Cooperation for Sustainable Development*, New York, USA, 12 May 2009.
- *Infrastructure for the European Network for Earth System modelling*, Paris, France, 30-31 March 2009
- *Collaboration Workshop on Operational Oceanography between Italy and China*, Beijing, China, 27 February – 1 March 2009
- *Fourth Meeting of the Joint Committee Cooperation Programme of the Italian and Austrian Governments, the Milan Municipality and the Governments of the Pacific Small Island States*, New York, 16 January 2009
- *Workshop Reducing Emissions from Deforestation and Forest Degradation (REDD)*, Milano, Italy, 18 November 2008
- *Norwegian networking project (Ocean Prediction Networking) – OPNet*, Geilo, Norway, 7-8 November 2008
- *EU-MED Event on E-Infrastructures in the Mediterranean*, Amman, Jordan, 4 November 2008
- *Simposium Making Europe Climateproof: The European Institute of Innovation and Technology (EIT) and its Potentials in Climate Research*, Potsdam, Germany, 20 October 2008
- *EC-China Workshop*, Helsinki, Finland, 12-14 October 2008
- *Workshop dell'Euro-Asian Research and Training in Climate Change Management*, Venezia, Italy, 9-10 October 2008
- *Common Concern for the Arctic*, Ilulissat, Greenland, 9-11 September 2008
- *EuroScience Open Forum (ESOF)*, Barcelona, Spain, 18-22 July 2008
- *41st Session of the IOC Executive Council*, Paris, France 24 June - 1 July 2008
- *EPAC 11th European Particle Accelerator Conference*, Genoa, 23-27 June 2008
- *World Modelling Summit for Climate Prediction*, London, England, 6-9 May 2008
- *European Geosciences Union (EGU) General Assembly*, Vienna, Austria, 13-18 April 2007
- *United Nations Climate Change Conference*, Bali, 12 December 2007
- *International Conference on Climate Change Strategies for African and Mediterranean regions*, Tunis, Tunisia, 18-20 November 2007
- *Climate change modelling and predictions: the vulnerability of China*, Beijing, China, 31 October 2007
- *2007 General Assembly” of ENES (European Network for Earth System Modelling)*, Paris, France, 22-23 October 2007
- *Meeting GEOITALY, 6° Forum Italiano di Scienze della Terra*, Rimini, Italy, 13 September 2007
- *Conferenza nazionale sui Cambiamenti Climatici – FAO*, Rome, Italy, 12 September 2007
- *International Conference on Science and Technology for Sustainability 2007 International Cooperation for Development*, Tokyo, Japan, 6-8 September 2007
- *Meeting GEOITALIA, 6° Forum Italiano di Scienze della Terra*, Rimini, Italy 13 September 2007
- *Conferenza nazionale sui Cambiamenti Climatici – FAO*, Roma, Italy, 12 September 2007

- *International Conference on Science and Technology for Sustainability 2007 International Cooperation for Development*, Tokyo, Japan, 6-8 September 2007
- *Third meeting of the Environment (including climate change) configuration of the Programme Committee for the Specific Programme "Cooperation" under FP7*, Bruxelles, Belgium, 10 July 2007
- *Cooperation on Climate Change and on the clean development mechanism and Article 12 of the Kyoto Protocol*, Vanuatu, 29 June – 2 July 2007
- *Bilateral Steering Committee Meeting between United States of America and Italy*, Washington, USA, 18 June 2007
- *La ricerca italiana sui cambiamenti climatici. Scenari, impatti, politiche*, Gallipoli, Italy, 29 May, 1 June 2007
- *Cambiamenti climatici e sviluppo*, Vaticano, 26 April 2007
- *Workshop on Infectious diseases and Environmental Change*, Stockholm, Sweden, 29-30 March 2007
- *Financing the Next Industrial Revolution Global Investments for Climate and Energy Security*”, Berlin, Germany, 26-27 March 2007
- *Symposium on Predictability of Climate Variations in the Indo-Pacific Sector*, Shinagawa, Japan, 8-9 March 2007
- *Intergovernmental Panel on Climate Change (IPCC)*, Paris, France, 29-30 January 2007
- *Seminar GISS (Goddard Institute for Space Studies) – NASA*, New York , USA, 19-22 December 2006
- *Assessing the UNCCD process and identifying challenges ahead (UNCCD: United Nations Convention to Combat Desertification)*, New York, USA, 1-2 November 2006
- *High Performances Computing in Geosciences*, Boulder, USA, 24-27 September 2006
- *APEC Climate Center International Symposium*, Busan, Korea, 14-16 September 2006
- *Conference Il Sistema Italia e la Progettazione Europea. Casi studio e di successo nel settore della cooperazione ambientale*, Bruxelles, Belgium, 22 June 2006
- *Workshop Geoscience Application Requirements for Petascale Architectures (GARPA)*, Arlington, USA, 1-2 June 2006
- *Conference Elementi: acqua, aria, terra, fuoco*, Parma, 17-21 May 2006
- *Workshop Low Stabilisation Scenarios – Strategies, Technologies and Costs*, Potsdam 16-17 March 2006
- *Conference 16 Febbraio 2005 – 16 febbraio 2006: un anno di Protocollo di Kyoto*, Rome, Italy, 16 February 2006
- *Conference Aurelio Peccei Lecture 2005 – Incontro con Jared Diamond*, Rome, Italy, 15 November 2005
- *First meeting of the WCRP Modelling Panel (WMP)*, Exeter, UK, 5-7 October 2005
- *Round table on Cambiamenti Climatici fra Ricerca Scientifica e Sviluppo Sostenibile*, Viterbo, Italy, 24 September 2005
- *Conference Global Monitoring for Environment and Security*, Paris, France, 23 September 2005
- *Symposium The Changing Chemical Climate of the Atmosphere*, Urbino, Italy, 14-15 September 2005
- *Meeting Ensembles: based predictions of climate changes and their impact*, Athens, Greece, 5-9 September 2005
- *Workshop Direzione Generale per la Ricerca Ambientale e lo Sviluppo*, Borgo della Conoscenza (PI), Italy, 3-4 July 2005
- *Conference Solar Variability and Earth's Climate*; Monte Porzio Catone (Rome), Italy, 27 June – 1 July 2005

- Workshop *Post 2012 Climate Policy: Architectures and Participation Scenarios*, Venice, Italy, 20-21 June 2005
- NATO Course *Seasonal to Interannual Climate Variability: its Prediction and Impact on Society*, Gallipoli (LE), Italy, 23-26 May 2005
- *IGFA-ICSU Workshop on the Interface Between Global Change and Development Oriented Research*, Stockholm, Sweden, 16-19 May 2005
- 11<sup>th</sup> Meeting of the Management Committee of the *Climate Change and Sustainability*, Bruxelles, Belgium, 10-11 May 2005
- International Seminar “*Il Protocollo di Kyoto: una opportunità per la Cooperazione Regionale*”, Borgo della Conoscenza, Siena, Italy, 11-13 April 2005.
- Participation to the Delegation to Italian Exhibition, New Delhi, India, 13-16 February 2005
- Meeting Ensembles, Paris, France, 10-11 February 2005
- Workshop “*Gestione Ecosistemi e Agricoltura*”, Servizio Meteorologico Regionale per la Sardegna, Alghero, Italy, 1-3 February 2005
- Conference “*Climate Stabilization*”, Exeter UK, 30 January - 1 February 2005
- Meeting FIRB, Rome, Italy, 14-16 December 2004
- Workshop “*Il Clima che verrà*”, Parma, Italy, 11 December 2004
- Meeting cooperation Italy-Japan, Tokyo, Japan, 23-27 November 2004
- Meeting for Cooperation Italy-Serbia, Rome, Italy, 22 November 2004
- Participation to the Ionospheric School, Rome, Italy, 9 November 2004
- Kick-off meeting of ENSEMBLES, Hamburg - Germany, 14-16 September 2004
- Meeting for Project Italy – USA Cooperation, New York USA, 3-4 August 2004
- Workshop on Climate Policy, Venice, Italy, 9-11 June 2004
- Meeting ENSEMBLE, Londra - UK, 27 May 2004
- Forum GMES, Naples, Italy, 21 May 2004
- Workshop G8, New York USA, 20-22 April 2004
- Workshop G8, Washington USA, 18-20 April 2004
- Participation Italian Delegation GEO, Cape Town - South Africa, 22-28 February 2004
- Workshop “*WHO Climate and Health*”, Bratislava, Slovakia, 8-10 February 2004
- Symposium ENES, De Bilt, The Netherlands, 12 January 2004
- Side Event - COP9 , Milan, Italy, 10-11 December 2003
- Side Event - COP9 , Milan, Italy, 1-2 December 2003
- 2<sup>o</sup> Meeting GEO, Baveno, Italy, 28-29 November 2003
- World Climate Change Conference, Moscow, Russia, 1-3 October 2003
- Workshop “*Hydrogen Economy*”, Sacramento USA, 14-17 September 2003
- Conference on the Sustainable Development, Washington USA, 28 April-3 May 2003
- Working Group G8 Environment, Paris, France, 25-26 February 2003
- Seminar on the Sustainable Development , Venice, Italy, 10-11 February 2003
- Meeting GMES, Rome, Italy, 29 January 2003
- GMES Forum / Roma MAE, Amsterdam, The Netherlands and Rome, Italy, 14-16 January 2003
- Working Group GMES, Bruxelles, Belgium, 10 January 2003
- Meeting Hadley Center, London, UK, 19 December 2002
- Meeting FIRB, Padova, Italy, 2 December 2002
- Meeting IGBP, Paestum, Italy, 13-15 November 2002

## Editorial Activities

Reviewer of papers for “Journal of Computational Physics”, “J. Atmos. Sci.”, “J. Climate”. Climate Dynamics, Monthly Weather Review and the US National Science Foundation.

## Operational Responsibilities

Coordinator of the following EU Projects:

- International Coordinator for the Interreg SEE (South East Europe) ORIENTGATE project, 19 partners, 4,000,000 EURO, 2011-2014.
- Coordinator for the ENVIRONMENT FP6 project CIRCE ([www.circeproject.eu](http://www.circeproject.eu)), 64 Partners, *Climate Change and Impact ResearCh: the Mediterranean Environment*, 10.000.000 EURO, 2007-2011.
- International Coordinator for the ENVIRONMENT project SINTEX, 12 Partners, *Decadal and Interdecadal climate variability: Scale Interaction Experiments*, 2.000.000 EURO, 1998-2001.
- International coordinator for the EU project AGORA, “*Assessment of the global ocean circulation with data assimilation methods*”, 1.000.000 EURO, 1996-1998. Involving Edinburgh University (U.K.), CNRS (Toulouse, France), CLS (Toulouse, France), the Institute for Oceanographic Sciences (Southampton), the Nansen Environmental and Research Center (Bergen, Norway) and CINECA (Bologna, Italy)
- International coordinator for the EU project “DICE”, “*Decadal and Interdecadal Climate variability Experiments*” within the ENVIRONMENT EU program, 906.000 EURO, 1994-1997, involving 8 Institutions, Max-Planck-Institut, (Hamburg), UK Meteorological Office (UK), Dutch Meteorological Office (Holland), LODYC (France), CINECA, ENEA and the University of Reading, (UK) and Alcalá (Spain).

Furthermore he has been principal investigator for several projects within the Framework Programs of the EU.

## Panels and Committees

- PRACE, Scientific Steering Committee, 2012-present
- Member of the *Science Advisory Committee del Climate Center for Climate Information Services (APCC)*, Korea, 2006-present
- President of Consortium *Centro Euro-Mediterraneo per i Cambiamenti Climatici*, 2005-present
- Member of the WWF Italy Scientific Committee. 2004 – present.
- Expert evaluator for European Commission-“Marie Curie” Program
- Expert evaluator for European Commission-“*Marine Science and Technology*” Program
- Expert evaluator for European Commission-“*Environment and Climate*” Program
- Invited Expert at CLIVAR (NEG 1) meeting of Working Group 1, Hamburg, 1997.
- *EUROCLIVAR* Steering Committee, 1996-1999.
- Steering Committee for Environmental Modelling at ICTP, Trieste 1996- 1997.
- Invited expert at the *CLIVAR* Workshop on “*Atmosphere-ocean interaction and their influence on decadal-scale climate variability*”, Vancouver, Canada, 1996.
- Modelling Coordination Committee, European Community Project *MAST*, 1989-1998
- Data Coordination Committee, European Community Project *MAST*, 1989-1991.
- IMGA-CNR Scientific Committee, 1987-1998.

## Official Appointments:



- Contributing Author to “Chapter 23 – Europe” of the IPCC 5<sup>th</sup> Assessment Report
- National Delegate of the managing committee of the program “*Environment including climate change*” of the Seventh Framework Program of the European Union. 2006 -2009
- Selected per Direttore di Dipartimento Ambiente CNR, 2006.
- Comitato Ordinatore, Dipartimento Ambiente CNR, 2003-2005
- Board of Directors, Istituto Nazionale di Geofisica e Vulcanologia, 2001-2004
- Member as Expert of the managing committee of the Sixth Framework Program of the European Union. 2002-2006
- Member of the Commission for the Organization of the Istituto Nazionale di Geofisica e Vulcanologia 2000
- Member as Expert of the managing committee of the program “*Energy, Environment and sustainable development*” of the Fifth Framework Program of the European Union. 1998 - 2002
- Consultant to the Minister of the University and Scientific Research (MURST) for the reorganization of the research system in Italy. 1997-1998.

## Professional Societies:

Member of the American Meteorological Society

President of the Società Italiana per le Scienze Climatiche (until 2014).

## Bibliometric Data (Web of Science)

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h-index: 34

Citations: 3749

Citations without self-citations: 3507

## Publications

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- **National and International Publications**

1. G. Verri, N. Pinardi, D. Gochis, J. Tribbia, A. NAVARRA, G. Coppini, T.A. Vukicevic, *Meteo-hydrological modelling system for the reconstruction of river runoff: the case of the Ofanto river catchment*, **Natural Hazards and Earth System Sciences**, **17**, 1741-1761, 2017.
2. T. Doi, A. Storto, S.K. Behera, A. NAVARRA, T. Yamagata, *Improved prediction of the indian ocean dipole by use of subsurface ocean observations*, **J. Climate**, **30**, 7953-7970, 2017.
3. G. Conti, A. NAVARRA, J. Tribbia, *ENSO Transition probabilities*, **J. Climate**, **30**, 4951-4964, 2017.
4. N. Pinardi, L. Cavaleri, G. Coppini, P. De Mey, C. Fratianni, J. Huthnance, P.F.J. Lermusiaux, A. NAVARRA, R. Preller, S. Tibaldi, *From weather to ocean predictions: an historical viewpoint*, **Journal of Marine research**, **75**, 103-159, 2017.
5. G. Coppini, P. Marra, R. Lecci, N. Pinardi, S. Creti, M. Scalas, L. Tedesco, A. D'Anca, L. Fazioli, A. Olita, G. Turrisi, C. Palazzo, G. Aloisio, S. Fiore, A. Bonaduce, Y. V. Kumkar, S.A. Ciliberti, I. Federico, G. Mannarini, P. Agostini, R. Bonarelli, S. Martinelli, G. Verri, L. Lusito, D. Rollo, A. Cavallo, A. Tumolo, T. Monacizzo, M. Spagnulo, R. Sorgente, A. Cucco, G. Quattrocchi, M. Tonani, M. Drudi, P. Nassisi, L. Conte, L. Panzera, A. NAVARRA and G. Negro, *SeaConditions: a web and mobile service for safer professional and recreational activities in the Mediterranean Sea*, **Natural Hazards and Earth System Sciences**, **17**, Issue: 4, 533-547, 2017.
6. E. Scoccimarro, P.G. Fogli, K.A. Reed, S. Gualdi, S. Masina and A. Navarra, *Tropical Cyclone Interaction with the Ocean: The Role of High-Frequency (Subdaily) Coupled Processes*, **Journal of Climate**, **30**, 145-162, 2017.
7. A. Cherchi, H. Annamalai, S. Masina, A. NAVARRA and A. Alessandri, *Twenty-first century projected summer mean climate in the Mediterranean interpreted through the monsoon-desert mechanism*, **Clim. Dynam.**, **47**, 2361-2371, 2016.
8. A.C. Ruane, C. Teichmann, N.W. Arnell, T.R. Carter, K.L. Ebi, K. Frieler, C.M. Goodess, B. Hewitson, R. Horton, R.S. Kovats, H.K. Lotze, L.O. Mearns, A. NAVARRA, D.S. Ojima, K. Riahi, C. Rosenzweig, M. Themessl and K. Vincent, *The Vulnerability, Impacts, Adaptation and Climate Services Advisory Board (VIACS AB v1.0) contribution to CMIP6*, **Geoscientific Model Development**, **9**, 3493-3515, 2016.

9. Y.H. Tseng, H.Y. Lin, H.Y. Chen, K. Thompson, M. Bentsen, C.W. Boning, A. Bozec, C. Cassou, E. Chassignet, C.H. Chow, G. Danabasoglu, S. Danilov, R. Farneti, P.G. Fogli, Y. Fujii, S.M. Griffies, M. Ilicak, T. Jung, S. Masina, A. NAVARRA, L. Patara, B.L. Samuels, M. Scheinert, D. Sidorenko, C.H. Sui, H. Tsujino, S. Valcke, A. Voldoire, Q. Wang and S.G. Yeager, *North and equatorial Pacific Ocean circulation in the CORE-II hindcast simulations*, **Ocean Modelling**, **104**, 143-170, 2016.
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