

Paolo Bonasoni – Curriculum vitae

Paolo Bonasoni

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Education

Doctoral degree in Physics at the University of Bologna in 1985. Advisor: Prof. Ottavio Vittori.

Present position

Research Director at the Institute of Atmospheric Sciences and Climate of the Italian National Research Council.

Head of the Climate HOTSPOT Division at the ISAC-CNR.

Main research interest

He has more than 30 years research experience in the field of atmospheric studies and technological research in high mountain regions and in remote areas.

In the period 1994-2015 he was the head of the "O. Vittori" CNR GAW Global Station at Monte Cimone (2165 m, Italy), which he founded in the nineties. Since 2006 he is in charge of the Global GAW Station EvK2CNR Nepal Climate Observatory - Pyramid (5079 m) in the Himalaya.

He is involved as Principal Investigator or Scientific Responsible in several international, European and national Projects (see list below) and is involved in tropospheric ozone study and experimental activity at Dome Concordia, Antarctica. Deputy in many scientific cooperation agreements and member of expeditions to Antarctica and Himalayas. Coordinator of the I-AMICA PON project (2012-2015), a project developed in the framework of the Italian "Programma Operativo Nazionale Ricerca e Competitività" of the European Development Fund and active until 2020. At present coordinator of POR-FESR project INFORMARE and coordinator, for ISAC-CNR, of CISAS MIUR project.

He has published more than 100 peer reviewed journal papers, many of which related to studies on background atmospheric condition in mountain regions and tropospheric ozone.

Teaching and education

Contract Professor of Environmental Physics Laboratory to the Department of Environmental Sciences of Urbino University, Italy, from 2002 to 2005.

In the year 2004 he promoted "Il Sentiero dell'Atmosfera - The Atmosphere Path", an educational path for schools and tourists on the slopes of Monte Cimone.

Roles and Activities

Responsibility or coordination of scientific international and national projects, many of them related to studies and technological researches in mountain or remote areas.

- Project Manager of the EU project VOTALP - Vertical ozone Transports in the Alps; 1996-1998.
- Project Manager of the EU project VOTALP II - Vertical ozone transports in the Alps; 1998-2000.
- Project Manager of the EU project MINATROC - MINeral dust And TROpospherich Chemistry; 2000-2003.

- Project Manager of the EU project STACCATO "Influence of Stratosphere-Troposphere Exchange in a Changing Climate on Atmospheric Transport and Oxidation Capacity"; 2000-2002.
- Project Manager of the ESA project: DUP-POLPO Pollution Hot Spot Monitoring from Gome Applied to the Po-Basin; 2001-2002.
- Project Manager of the INRM Italian project "L'atmosfera e le montagne italiane dalle Alpi al Mediterraneo: identificazione e ruolo delle stazioni di monitoraggio in alta quota"; 2002-2003.
- Project Manager of the CESI Italian project : OZOMONT - Studio degli andamenti delle serie storiche di ozono troposferico rilevate nelle stazioni di Platau Rosa e di Monte Cimone; 2004-2004.
- Project Manager of the PNRA project DO3meCO2 - Trace gas concentrations and aerosol optical characteristic measurements at Terra Nova Bay and Dome Concordia stations; 2004-2007.
- Head of Unit in the framework of the EU project: ACCENT- Atmospheric composition change: an European network; 2004-2009.
- Project Manager of the EvK2CNR project: SHARE Station at High Altitude for Research on the Environment; 2005-2013.
- Project Manager of the CESI project OZOMONT II - Identificazione di processi di trasporto di masse d'aria di origine naturale ed antropica e valutazione della loro influenza in aree remote di alta montagna ed in aree urbane; 2005-2005.
- Head of Unit in the framework of AEROCLOUDS - Studio degli effetti diretti ed indiretti di aerosol e nubi sul clima; 2006-2009.
- Project Manager of the EU project EUSAAR - European Supersites for Atmospheric Aerosol Research; 2006-2011.
- Head of the Convention aimed at the realization of educational proposals and dissemination of scientific activities at the research station CNR-ISAC "O. Vittori" - Monte Cimone; 2004-2014.
- Project Manager of the SHARE-Tech Station at High Altitude for Research on the Environment - Advanced Technological Research and Development; 2008-2012.
- Project Manager of the EU project ACTRIS - Aerosols, Clouds, and Trace gases Research InfraStructure Network, 2012-2015.
- Head of Unit in the framework of Next-Data; 2013-2015.
- Project Manager of the PON project I-AMICA - Infrastruttura di Alta tecnologia per il monitoraggio Integrato Climatico-Ambientale; 2012-2015, active until 2020.
- Project Manager for ISAC-CNR Institute of the MIUR project: CISAS - Centro Internazionale di Studi Avanzati su Ambiente, ecosistema e Salute umana; 2016-2019.
- Project Manager of the POR-FESR project: INFORMARE - Sistema informativo integrato per il litorale emiliano-romagnolo; 2017-2019.