

Curriculum Vitae MATTEO RINALDI**Personal information**

Name: Matteo Rinaldi

Date of birth: 09-05-1978

Place of Birth: Jesi (AN)

Nationality: Italian

Gender: Male

Researcher ID: **K-6083-2012**ORCID ID: **0000-0001-6543-4000**

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History of Employment:

2023 – present	Senior Researcher, Institute of Atmospheric Sciences and Climate (CNR-ISAC), Bologna, Italy
2011 – 2022	Researcher (permanent position), CNR-ISAC, Bologna, Italy
2009 – 2011	Research fellow, CNR-ISAC, Bologna, Italy
2006 - 2011	Research grant holder at CNR-ISAC, Bologna (Italy)
2005 - 2006	Research grant holder at University of Urbino, Urbino (Italy)

Education

2009	PhD (Environmental Sciences)	University of Urbino, Urbino (Italy)
	Thesis Title: “Marine aerosol: distinguishing properties of primary and secondary components”	
2005	Master degree (Environmental Sciences)	University of Urbino, Urbino (Italy)

Scientific/technical education

20/06/2011- 26/06/2011	Training course on the High Resolution Time of Flight Aerosol Mass Spectrometer (HR-ToF-AMS), at Aerodyne Research Inc., Boston, MA.
22/09/2008 - 26/09/2008	Summer school “Aerosols and Climate Change”. Università of L’Aquila, Italy
07/01/2007 -10/02/2007	ERCA 2007 – “European Research Course on Atmospheres”. University Joseph Fourier, Grenoble (France)
20/05/2006 – 26/05/2006	Measurements of atmospheric aerosols: Aerosol physics, sampling and measurement techniques. University of Helsinki, Finland

Research Interests

Aerosol Chemistry
 Organic aerosol chemical composition
 Aerosol formation and evolution processes
 Air-Sea interaction and marine aerosol formation
 Marine biota – aerosol interaction
 Climate role of natural and anthropogenic aerosols
 Oceanic biosphere – aerosol – cloud – climate feedbacks

Coordinated projects

2022-2024 CAIAC (ocean Atmosphere Interactions in the Antarctic regions and Convergence latitude)
 Funded by Italian National Antarctic Research Program (PNRA)
 Total funding of CNR-ISAC unit: 14.3 K€.

Role: PI of the CNR-ISAC research unit.

2016-2018 AEROSOURCE - Source apportionment of air borne pollutants transported to and across Ireland using Aerosol Mass Spectrometry and Positive Matrix Factorization Techniques.
 Funded by Irish EPA Research Programme 2014-2020.
 Total funding of CNR-ISAC unit: 66 K€.

Role: PI of the CNR-ISAC research unit.

2017-2019 ABBACO - Sperimentazioni Pilota Finalizzata al “Restauro Ambientale e Balneabilità del SIN Bagnoli-Coroglio”.
 Funded by Italian Research and Education Ministry.
 Total funding of CNR-ISAC unit: 60 K€.

Role: PI of the CNR-ISAC research unit.

2010 EUROCHAMP-2 Transnational Access Activity E2-2010-09-10-0043.
 Funded by the European Community.
 Total funding of the project: 8 K€.

Role: coordinator.

Main participations in research projects

01/01/2024 - ongoing CleanCloud
 Funded by Horizon Europe
 Role: participation in measurement campaign

01/10/2022- 31/12/2025	PNRR ECOSISTER Funded by the Italian Research Ministry Role: coordinator of Deliverable D4.4.2, coordinator of indoor/outdoor measurement campaigns
01/10/2022- 31/09/2025	PNRR NBFC National Biodiversity Future Center Funded by the Italian Research Ministry Role: coordinator of ACSM measurements
01/11/2019 – 01/05/2023	RHAPS - Redox-activity and Health-effects of Atmospheric Primary and Secondary aerosol Funded by the Italian Research Ministry Role: coordinator of the winter and summer aerosol measurement campaigns
1/10/2019 – 31/03/2024	FORCES - Constrained aerosol forcing for improved climate projections Funded by H2020-EU.3.5.1. - Fighting and adapting to climate change Role: responsible of HR-ToF-AMS analyses
1/1/2015 - 31/12/2018	Air-Sea Lab Funded by CNR Role: coordinator of the atmospheric measurements campaigns at 5 coastal locations
Nov 2016 - Dec 2018	City Tree Scaler Funded by Climate-Kic Role: design of the experimental approach, participation in the measurements, data elaborations
1/12/2013 - 31/05/2018	BACCHUS - Impact of Biogenic versus Anthropogenic emissions on Clouds and Climate: towards a Holistic UnderStanding Funded by FP7 (FP7-603445) FP7-ENVIRONMENT ENV.2013.6.1-2 Role: participation in the measurements campaign, data analysis
2011 – 2015	SUPERSITO Funded by Regione Emilia Romagna Role: participation in the set-up and realization of aerosol measurements campaigns and data analysis
01/01/2011 - 31/12/2014	PEGASOS - Pan-European gas-aerosols-climate interaction study Funded by FP7-ENV-2010-265148, FP7-ENVIRONMENT, ENV.2010.1.1.2-1 Role: participation in atmospheric measurement campaigns and data analysis
2008 – 2010	EASI-AQCIS - Exchange at the Air-Sea Interface: Air Quality & Climate ImpactS Funded by Irish EPA Role: participation in atmospheric measurement campaigns, laboratory experiments and data analysis
2006 – 2009	MAP - Marine Aerosol Production: Primary & Secondary Marine Aerosol Production from Natural Sources

Funded by FP6 (FP6- 018332) FP6-2004-Global-3, SUSTDEV-3.1.2

Role: participation in land and ship-based atmospheric measurement campaign, laboratory experiments and data analysis

Citation report (ISI WEB OF SCIENCE – May 2026)

Total publications: 95

Sum of the Times Cited: 4,779 (Without self citations 4,402)

Average Citations per Article: 50.84

h-index: 35