

Michela Maione, associated with research duties to ISAC-CNR, is associate Professor of Environmental Chemistry at the University of Urbino “Carlo Bo”, Department of Pure and Applied Sciences (DiSPeA).

M. Maione has a long research experience in the field of atmospheric composition change in relation to air quality and climate change, with a particular focus on short-lived GHGs, their emission quantifications and impacts on climate change and air quality. Much of her work has involved working within international networks and establishing important scientific collaborations with senior scientists from the most important academic and scientific institutions all over the world. This research has produced more than 90 publications, mostly in peer-reviewed journals and with an international co-authorship.

In addition, M. Maione has been the Scientific Officer of the major European network on atmospheric change, climate and air quality (ACCENT) and, breaking new scientific ground, has worked closely with scientists from the socio-economic field and has followed the policy process in the EU to provide scientific input to policy through focussed policy-relevant summaries. Such transdisciplinary approach has been followed in two EU FP7 funded projects: i) SEFIRA on the socio-economic implications of individual choices and behaviours in the implementation of air quality policies, of which M. Maione is the coordinator; and ii) ACCENT-Plus aimed at coordinating the best European research in the field of air quality and climate change in support of the design and implementation of air quality and climate policies.

in 2017 M. Maione has been appointed as Lead Author in the IPCC refinement of the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. She is contributing author in Chapter 2 of Scientific Assessment of Ozone Depletion: 2018, Global Ozone Research and Monitoring Project–Report No. 58, World Meteorological Organization, (Geneva, CH, 2018).

Since 2001, when she has started to be responsible for her research group, M. Maione has been successful in obtaining funding for several research proposals, mostly International,

In the last ten years M. Maione has been responsible for the following international and national research projects:

- SEFIRA, Socio-Economic implications For Individual Responses to Air pollution policies in EU+27 (EU-FP7) (Coordinator);
- RITMARE, The Italian Oceanic Research (Italian Ministry for Education and Research);
- VIAS, Integrated evaluation of the environmental and health impact of atmospheric pollution (Italian Ministry for Health);
- InGOS, Integrated non-CO2 Greenhouse gas Observing System (EU-FP7);
- ACTRIS, Aerosols, Clouds and Trace gases Research Infrastructure Network (EU-FP7);
- ACCENT-Plus, Atmospheric Composition Change: the European NeTwork – PoLicy sUpport and Science (EU-FP7);
- ACCENT, Atmospheric Composition Change, a European NeTwork. Network of Excellence (EU-FP6);
- EUROHYDROS, A European Network for Atmospheric Hydrogen observations and studies (EU-FP6);
- SOGE-A, System for Observation of halogenated Greenhouse gases in Europe and Asia (EU-FP6);
- SOGE, System for Observation of halogenated Greenhouse gases in Europe (EU-FP5);

- SHARE Asia, Stations at High Altitude for Research on the Environment-Asia (EV-K2-CNR Committee)
- AEROCLOUDS, Study of direct and indirect effects of aerosol and clouds on climate (FISR Fondo Integrativo Speciale Ricerca);
- Arctic Strategic Project (Italian National Research Council);
- PNRA, Italian National Project for Research in Antarctic (Italian National Research Council).