

Mauro Masiol

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Research and Education

- Post-doctoral researcher @ Institute of Chemical Engineering, FORTH, Greece (2018-ongoing)
- Visiting Instructor @ University of Rochester Medical Center, NY, USA (2017-2018)
- Research Associate @ Clarkson University, NY, USA (2015-2017)
- Marie Curie Researcher @ University of Birmingham, UK (2013-2015)
- Post-doctoral fellow @ University of Venice, Italy (2009-2013) and University of Padua, Italy (2009)
- Ph.D (2009) , M.Sc. (2005), and B.Sc. (2003) in Environmental Sciences, University of Venice, Italy

Previous Research

- Public health: Triggering of cardiovascular, respiratory, and neurodegenerative diseases by air pollution
- Chemometrics: Source apportionment and long-term trend analysis of air pollution
- Community exposure: Land-use regression modeling using low-cost sensor data
- Source characterization: Chemical composition and physical properties of atmospheric aerosols

Current Research

- Biomass burning emissions: characterization and aging processes
- Operation of atmospheric simulation chambers to enable the studies of the impact of air quality on health
- Analysis of atmospheric aerosol in different environments
- Modeling and development of chemometric techniques for air pollution analysis

