

Nikolaos Roukounakis

IERSD Research Scientist

M.Sc. Environmental Technology, Imperial College London, UK, 1999

M.Eng. Chemical Engineering, University of Birmingham, UK, 1997

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PROFESSIONAL EXPERIENCE

- 2/2008 – present: Research Scientist IERSD/National Observatory of Athens, Greece
- 8/2005 – 2/2008: Energy Data Analyst, International Energy Agency, Paris, France
- 8/2004–3/2005: Recycling Researcher, Waste Watch, London, UK
- 12/2003–4/2004: Assistant Consultant, Axon Envirogroup Ltd, Athens, Greece
- 3/2002–3/2003: Research Assistant, University of Athens, Greece

AREAS OF EXPERTISE

Atmospheric chemistry, air quality, pollution control and dispersion modeling, environmental noise, techno-economic assessment of energy technologies, remote sensing and environmental monitoring, climate change and modeling.

HONORS / FELLOWSHIPS / OTHER RELEVANT EXPERIENCE

- Member of Technical Chamber of Greece

PUBLICATIONS

- Roukounakis N., Petrakis M., Psiloglou B.E., Founda D., Lykoudis S., Air pollution and noise in Eastern Attica due to the operation of Athens International Airport and high-traffic motorways, *10th COMECAP 2010, Conference Proceedings*.
- Petrakis M., Roukounakis N., Gerasopoulos E., Psiloglou B. E., Lykoudis S., Use of alternative fuels for the improvement of air quality from the transport sector: the case of Eastern Attica, *CEST 2011, Conference Proceedings*.
- Roukounakis N., Retalis A., Petrakis M., Improving airport noise model accuracy with the combined use of statistical methods and on-site measurements: the case of Athens International Airport, *CEST 2013, Conference Proceedings*.

RECENT RESEARCH FUNDING

Participation in the following National/European Projects:

- CYPADAPT, Adaptation to Climate Change Adverse Impacts in Cyprus, LIFE10 ENV/CY/723, 2012.
 - Noise and air quality study in Eastern Attica, funded by Eastern Attica Municipality, Greece, 2008-2010.
 - Noise, vibration and atmospheric pollution monitoring in the region of Rion Bridge, Greece, funded by the Ministry of the Environment, 2010-2011.
 - VillemiZero, Sustainable Mobility in Europe, INTERREG III Medocc Program, 2008.
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