

Theodora Kopania

Scientific Technical Personnel of IERSD
MSc Environmental Impact Assessment, Auditing and Management Systems,
University of East Anglia, Norwich, U.K., 2001
BSc Physics, Department of Physics, University of Athens, Greece, 1999

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PROFESSIONAL EXPERIENCE

- ❑ 02/2006–present: Scientific Technical Personnel, IERSD/National Observatory of Athens, Greece
- ❑ 06/2002–01/2006: Research Associate, IERSD/National Observatory of Athens, Greece
- ❑ 11/2001–05/2002: Consultant Assistant for certification of quality and environmental management systems (ISO 9000 and 14000), TQM Hellas S.A., Athens, Greece
- ❑ 09/1999–09/2000: Support Scientist (scientific instruments calibration), Solar & Other Energy Systems Laboratory, NCSR “Demokritos”, Athens, Greece

AREAS OF EXPERTISE

Solar Radiation, Air Quality, Atmospheric Physics and Chemistry.

PUBLICATIONS

Scientific journals:

- ❑ Petrakis M., Kopania T., Psiloglou B., Briggs D., Hoek G., Aaheim A., Shaddick G., Sifakis N., Retalis A., 2005, GIS and Remote Sensing Techniques in Emission Mapping for Health Management in Europe, IASME Transactions, vol.2, issue 3, pp. 383-388, May 2005.
- ❑ Petrakis M., Psiloglou B., Chalkias C., Lianou M., Kopania T., Petraki E., 2005, Use of Satellite Data for the Assessment of Carrying Capacity for the Greek Islands (Case Study Mykonos), IASME Transactions, vol.2, issue 3, pp. 389-394, May 2005.
- ❑ Petrakis M., Psiloglou B., Lianou M., Chalkias C., Kopania T., Briggs D., 2005, Development of Social – Environmental Indicators from Night Light Emission Data, IASME Transactions, vol.2, issue 3, pp. 395-399, May 2005.

Participation in several conferences.

PARTICIPATION IN NATIONAL/EUROPEAN PROJECTS

Participation during the period 2005-2012:

- ❑ CYPADAPT - Development of a national strategy for adaptation to climate change adverse impacts in Cyprus, LIFE+ Environment Policy and Governance 2010, 09/2011 - 03/2014.
 - ❑ XENIOS - Climate change impacts on the touristic development of sensitive areas in the Greek territory. Case study: Messinia – Integrated Tourism Development Areas, Strategic Reference Framework (NSRF) 2007-2013, Hellenic Ministry of Economy, Competitiveness and Shipping, 12/2010 - 12/2013.
 - ❑ ACI-UV - Aerosol and Cloud Influence on global surface UV irradiance retrieved from satellite sensors, FP7 – People, Marie Curie Intra European Fellowship, Contr. No. 247492, 06/2010 - 05/2013.
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- UMMS - Intelligent Urban Mobility Management and traffic control System for the improvement of the urban environment quality in the central area of Thessaloniki's agglomeration, Financial Mechanism "European Economic Association" 2004-2009, Priority sector "Environment and Sustainable Development", 07/2009 - 08/2012.
- Study of the air quality and noise in the greater area of East Attica, Prefecture of East Attica, 2008 - 2010.
- ARISTEIA - Financial aid for the upgrade, maintenance and support of IERSD infrastructure, General Secretariat for Research and Technology, Excellence in Research Institutes of GSRT (2nd round), Operational Programme "Competitiveness", 12/2005 - 06/2008.
- ACL/NOA - Upgrade of the Atmospheric Chemistry Laboratory of the National Observatory of Athens for the provision of chemical analyses and air pollutants measurement services, with emphasis on hazardous for public health chemical compounds, 3rd Community Support Framework, Operational Programme "Competitiveness", Greek Ministry of Development, 03/2005 - 12/2012.
- APMoSPHERE - Air Pollution Modelling for Support to Policy on Health, Environment and Risk Management in Europe), Global Monitoring for Environment and Security (GMES) initiative, 5th Research Framework Programme of the European Union, DG-Environment (EVK2-CT-2002-00176), 12/2002 - 08/2005.

OTHER

- Member of the Young Scientists Committee of Ecocity, Athens (2013-present).
 - Member of 2 Committees for the campaign "Ecomobility", organized by Ecocity, Athens (2009-present).
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