

Professor Sotiris Vardoulakis

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EDUCATION & QUALIFICATIONS

- **Postgraduate Certificate in Learning & Teaching in Higher Education** (2006)
University of Birmingham, UK
- **Qualification Maître de Conférence**, French Ministry of Education and Research (2004)
Topics: Meteorology, Oceanography, Environmental Physics
- **PhD in Air Pollution**, INERIS Institute (Health Risk Assessment Unit), France (2003)
& University of Greenwich (Environmental Sciences), UK
- **MSc in Environmental Technology**, Imperial College, University of London (1998)
Option: Environmental Analysis and Assessment
- **BSc (Honours) in Physics**, National University of Athens, Greece (1996)
- **ERASMUS** program in **Physics**, Complutense University of Madrid, Spain (1994)

WORK EXPERIENCE

*Over 24 years' experience in environmental public health science, policy and education in Academia, research, local & national government, and consultancy
Australia, UK, France, East Africa, Asia and Pacific*

- 2021-current **Director, NHMRC Healthy Environments And Lives (HEAL) Network**, Australian National University. CIA of the HEAL National Research Network, comprising 100 investigators from 30 organisations from across Australia. Chair of the HEAL Leadership Executive Committee. Leader of the HEAL Implementation Centre at ANU.
- 2019-current **Professor of Global Environmental Health**, National Centre for Epidemiology & Population Health, Australian National University. Group Leader: Environment, Climate and Health Research Group: climate change, air pollution, bushfires, floods, health system resilience and sustainability, environmental transmission of COVID-19, environmental public health, risk communication. Research Cluster Leader: Climate Change and Health (ANU Institute for Climate, Energy, and Disaster Solutions)
- 2017-2019 **Research Director, Institute of Occupational Medicine (IOM)**, Edinburgh, UK. Leadership, strategic planning and management of IOM's Research Division with around 25 scientists specialising in exposure science, toxicology, epidemiology, statistics, occupational and environmental epidemiology, health impact assessment, public health, urban health, human factors, ergonomics, and information science.
Head, World Health Organization Collaborating Centre: Occupational Health, IOM
- 2015-2017 **Head of Environmental Change Department**, Centre for Radiation, Chemical and Environmental Hazards, Public Health England, UK.
Leadership, strategic planning and management of a multi-disciplinary department of around 25 scientists & research students. Government advice and media spokesperson. Research on air pollution, climate change, sustainability and environmental public health. Leader: Healthy Sustainable Cities Theme, NIHR Health Protection Research Unit in Environmental Change and Health.

- 2012-2015 **Group Leader, Air Pollution and Climate Change**, Centre for Radiation, Chemical and Environmental Hazards, Public Health England, UK.
Leadership, strategic planning and management of a multi-disciplinary group of 12 scientists and PhD students. Government advice and media spokesperson.
Research on air pollution, climate change mitigation and adaptation policies, exposure modelling, health impact assessment, public health indicators, and health protection.
- 2011-2012 **Senior Visiting Fellow, Climate Change and Health**, Health Protection Agency International Strategic Secondment to the Australian National University, Australia.
Research, project management and government advice on urbanism, climate change adaptation and health, environmental health policy, air pollution and temperature effects, environmental modelling, climate-environment interactions, health impact assessment, social and environmental determinants of health.
Leadership: Liaising with federal government, national peak bodies, local organisations.
- 2010-2012 **Specialist Environmental Scientist, Climate Change**, Centre for Radiation, Chemical and Environmental Hazards, Health Protection Agency, UK.
Research, project management and government advice on climate change and health, climate change adaptation policies, interactions between climate and air pollution, sustainable urban development, environmental modelling, health impact assessment.
Health Sector Champion of the 1st national UK Climate Change Risk Assessment.
 Co-ordinating author of the Health Effects of Climate Change in the UK report.
- 2006-2010 **Course Director and Lecturer, Master of Public Health**, Public & Environmental Health Research Unit, London School of Hygiene & Tropical Medicine, UK.
Course Committee Chair, curriculum development, course management (in-house/online)
Research: Environmental exposure assessment, epidemiology, risk analysis, environmental public health policy, health impact assessment, sustainable development, built environment interventions, monitoring & evaluation, climate change risk assessment
Teaching: Environmental Public Health, Environmental Health Policy, Risk Assessment.
 Supervision: One Research Fellow, three PhD & several MSc students.
- 2004-2006 **Lecturer, Division of Environmental Health and Risk Management**, School of Geography, Earth & Environmental Sciences, University of Birmingham, UK.
Research, teaching and project management: Air pollution, dispersion modelling, personal exposure to air toxics, environmental sampling, meteorological monitoring, transport emissions modelling, urban climatology, environmental health.
Module Leader: BSc Environmental Science, MSc Air Pollution Management
 Supervision of PhD, MSc and BSc students, and post-doctoral research team.
- 2003-2004 **Post-doctoral Research Fellow, Environmental Modelling and Sustainability**, University of Aveiro, Department of Environment & Planning, Portugal.
Research and project management: Urban meteorology and climatology, sustainable urban development, environmental modelling, Computational Fluid Dynamics.
Co-ordination of the modelling sub-group of the EU FP6 project on Advanced Tools for Rational Energy use towards Urban Sustainability with emphasis on microclimatic issues in urban applications (ATREUS).
- 2002-2003 **Project Development Officer, Sussex Air Quality Partnership**, Lewes Council, UK.
Project management and co-ordination of Local Authorities, Health Authorities, the Highways Agency, the Environment Agency in developing air quality strategies. Examination of interactions between air pollution, climate, land use, transport and health in the South East of England. Public awareness campaigns.
- 1998-2002 **Researcher, National Institute for Environmental and Industrial Risks (INERIS)**, France. Research and consultancy: Air pollution, dispersion modelling, road transport, emission modelling, population exposure assessment, risk analysis, environmental monitoring, data analysis and interpretation, policy advice.

KEY APPOINTMENTS

- **Director (CIA), NHMRC Healthy Environments And Lives (HEAL) National Research Network for Human Health and Environmental Change (2021-27)**
- **Founding Co-Chair, [Healthy-Polis](#): International Consortium for Urban Environmental Health and Sustainability (since 2013)**
- **Lead Author, WHO Strategic Guide for Urban Health: Climate Change & Urban Health, 2022**
- **Health Lead Author, UNEP Global Environment Outlook (GEO-6) report for Cities (2019-21)**
- **Head, WHO Collaborating Centre on Occupational Health (2017-19)**
- **Co-Leader, National Institute for Health and Care Research (NIHR) Health Protection Research Unit in Environmental Change & Health (2014-17)**
- **Leader of Scientific Secretariat, Committee on the Medical Effects of Air Pollutants (2012-17)**
- **Lead Author, 1st UK Climate Change Risk Assessment (Health Sector report, 2012)**
- **Lead Author, Health Effects of Climate Change in the UK, Public Health England (2012)**
- **Joint Chair, Public Health England's Air Pollution & Public Health Advisory Group (2013-17)**

HONORARY APPOINTMENTS, MEMBERSHIPS, AWARDS

- **Advocacy & Leadership Award, Australian Public Health Conference (2020)**
- **Sidney Sax Award for Health Policy Leadership, with ANU Bushfire Impact Group (2020)**
- **Visiting Professor, Research Center for Climate Change, University of Indonesia (2020-21)**
- **Honorary Professor, European Centre for Environment & Human Health, Exeter University**
- **Health Cluster Leader, Institute for Climate, Energy and Disaster Solutions, ANU (since 2019)**
- **Member, Australian Centre on China in the World, Australian National University (since 2019)**
- **Member, NSW Bushfire Smoke Expert Advisory Group, Australia (since 2019)**
- **Member, AIHW Bushfire Health Data Expert Advisory Group, Australia (since 2022)**
- **Honorary Associate Professor, London School of Hygiene & Tropical Medicine (2010)**
- **Fellow of the Institution of Environmental Sciences since 2009 (Member since 2004)**
- **Fellow of the Institute of Air Quality Management since 2009 (Member since 2004)**
- **Fellow of the Higher Education Academy (since 2007)**
- **Member, Asthma Australia, Research Advisory Committee, since 2020**
- **Member, Public Health Association of Australia, since 2020**
- **Member, Climate and Health Alliance (CAHA, Australia), Research & Policy Committee**
- **Scientific Advisory Board Member, Dyson Environmental Control (since 2017).**
- **Scientific Committee Member, Int. Net. Public Health & Environmental Tracking (INPHET)**
- **Member of Royal College of Physicians Indoor Air Quality Working Group (2018-20)**
- **Member of NICE Public Health Advisory Committee on Outdoor Air Quality (2016-17)**
- **Steering Group Member, PHE/UKHF Health Economics & Air Pollution project (2016-17)**
- **Scientific Advisory Committee Member, Inhaled Particles XII 2017, Glasgow, UK.**
- **Scientific Advisory Committee Member, Int. Congress of Biometeorology 2017, Durham, UK.**
- **Scientific Advisory Committee Member, UK Indoor & Outdoor Air Pollution Research Meetings.**
- **Scientific Advisory Committee Member, International Conference on Urban Health (2017-2021).**
- **Scientific Advisory Committee Member, Int. Conference Urban Risks 2016, Lisbon, Portugal**
- **Scientific Committee member, Int. Conference on City Sciences 2015, Shanghai, China.**
- **Member of the International Society for Urban Health (since 2016)**
- **Member of the Defra / Department for Transport Air Quality Delivery Project Board (2016-17)**
- **Advisory Board Member, EPSRC/UCL Complex Built Environment Systems CBES programme**
- **National Cross System Group Member, Sustainable Health & Care, Research Sub-Group, SDU**
- **Scientific Advisory Group, Public Health Impacts in Urban Environments (PURGE, LSHTM)**
- **Scientific Committee, NERC/MRC Traffic Pollution & Health (TRAFFIC, KCL, 2012-5)**
- **Member of Living with Environmental Change (LWEC, UK) working groups (2012-5)**
- **Member of the World Health Organization Task Force on the Health Aspects of Air Pollution**

RESEARCH PROJECTS & GRANTS

Research grants from Research Councils (NHMRC, ARC, UKRI, NIHR), Government Departments (NSW MoH, DFAT, DoH, DEFRA), International funding bodies (EU H2020, Pacific Community), Charities (Asthma Australia), Industry (Dyson), and other local, national and international funders. Awards of approximately \$35M in collaborative grant funding (\$17M as lead investigator).

Current:

- **NHMRC Healthy Environments And Lives (HEAL)** National Research Network, funded by Special Initiative in Human Health & Environmental Change (\$10M, CIA Vardoulakis), 2021-27
- **NHMRC CRE Safe Air** (\$2.5M), led by University of Tasmania (CIA Johnston), Evaluation of Interventions Stream led by ANU (Vardoulakis), 2022-2027.
- **ARC Indigenous Discovery: Healing Country**, led by University of Sydney (Matthews) 2021-25
- **ARC Linkage Project: Promoting Active Travel and Public Transport** for a post-pandemic world (\$400k) led by University of Sydney (CIA Nelson) and ANU (CIB Vardoulakis) 2021-24.
- **DFAT Clean Energy for Healthy Environments And Lives (CE4HEAL)**, funded by DFAT International Climate Change Engagement Program (\$215k), led by ANU (Vardoulakis), 2021-23.
- **NSW Ministry of Health**, evidence review on Smoking and Air Quality, led by ANU (Vardoulakis, Tong and Goodman), 2022.
- **Climate Emergencies and Health System Resilience (CHESS)** collaborative research action. Led by ANU (Vardoulakis) and Kings College London (Bakolis), 2022.
- **Northern NSW Local Health District**, evidence review on Impacts of Climate Change on Health and Health Services in Northern New South Wales, led by University of Sydney (Rahman), 2022.
- **NSW Department of Planning and Environment Smart Places** Acceleration Program: Operational Network of Air Quality Impact Resources - OPENAIR (led by UTS, \$1.8M), 2022-24.
- **Asthma Australia Advocacy & Translation Research Program:** Air pollution and lung health advice (\$150k), led by ANU (Vardoulakis) and UTAS (Johnston), 2022-24.
- **National Climate Change and Health Policy** and Revised Action Plan for the Republic of Marshall Islands, funded by The Pacific Community (\$96k), led by ANU (Vardoulakis), 2020-22.
- **Sustainable Urbanisation**, Australian Centre on China in the World (\$120k), led by ANU (Bai & Vardoulakis), 2021-23.
- **Air Quality Monitoring Research Facility for Emergency Response**, funded by ANU (total \$100k), led by Vardoulakis, 2020.
- **AIM-HEALTH: Effectiveness of Agricultural Interventions** to minimise the health impacts of air pollution, funded by NIHR (total: ~£1m) co-led by Cowie & Vardoulakis (IOM), 2020-24.
- **Clean Environment and Planetary Health in Asia (CEPHA)**, Global Challenges Research Fund (£150k, Co-Director: Vardoulakis), 2020-22.

Completed:

- **Air Pollution in Thailand** and its health impacts. Global Challenges Research Fund, led by Heriot-Watt University (£70k, PI Johnston), 2020.
- **COVID-19 environmental transmission** – global review (\$100k, PI Vardoulakis), 2021-22.
- **Effectiveness of Antioxidant Supplementation** to protect respiratory health from air pollution in Asia. Funded by the CRE CAR (\$20k), PI Vardoulakis, 2019.
- **Complex Urban Systems for Sustainability and Health (CUSSH)**, funded by Wellcome Trust (total ~£5m), led by UCL/LSHTM (PI Davies), 2018-2022.
- **Interventions to Improve Air Quality: Rapid Evidence Assessments**, funded by Public Health England (total £200k), led by IOM (PI Vardoulakis), 2018.
- **Indoor Air Pollution Exposure and Health: Systematic Literature Review**, funded by Dyson (£50k), led by IOM (PI Vardoulakis), 2018.

- RCUK & Newton Fund: **Assessing the Health Impacts of Air Pollution in Thailand** (total £0.5m), led by IOM (PI Cherrie) and MAHIDOL University, 2017-2019.
- **Health Impact Assessment of Heathrow Airport** expansion (IOM £80k), led by Wood, 2019.
- Health Impacts associated with **Energy-from-Waste Incinerators** (GLA \$12k) Vardoulakis 2019.
- **EURO-HEALTHY: Shaping European Policies to Promote Health Equity**: Work Package leader (2015-18) Environmental Public Health Risks, EU Horizon 2020 funded (total €3 million).
- National Institute for Health Research: Health Protection Research Unit in **Environmental Change & Health**: Theme leader (2014-17) for **Healthy Sustainable Cities**, (total £4 million).
- **A multi-country analysis of temperature-mortality associations from a climate change** perspective, Medical Research Council funded (total £0.5 million), led by LSHTM, 2015-18.
- **Global Challenges Research Fund (GCRF) Partnership Development Fund**, (£2.5k, 2018).
- **Social sensing of health & wellbeing impacts from pollen & air pollution**, ESRC funded New & Emerging Forms of Data Policy Demonstrator Projects (total £244k) led by Exeter Uni. 2017-18
- **Perceptive assessment of health risks caused by climate change, air pollution and health** co-benefits of low carbon transition in China, led by China CDC, FCO funded (£112k), 2015-16.
- **Healthy-Polis: Developing Urban Lifecourse Approaches in response to Climate Change**, funded by the Worldwide University Network, led by Bristol University (£15k), 2016.
- **Association of Nitrogen Dioxide with Mortality**, Committee on the Medical Effects of Air Pollutants (COMEAP) report funded by Defra (£50k), 2016.
- **Indicators of the Effects of Climate Change** on health and emergency planning in England, funded by the Committee on Climate Change, Adaptation Sub-Committee, 2013-14
- **Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research**, funded by the Department of Health (2014) and NERC (2015).
- **Excess Winter Deaths**: Quantitative and qualitative evidence reviews, commissioned by the National Institute for Health and Care Excellence (led by LSHTM, 2013-14)
- [Health Effects of Climate Change in the UK 2012](#): Current evidence, Recommendations and Research gaps, Lead Author, commissioned by the Department of Health (2011-12).
- **1st UK Climate Change Risk Assessment: Health Sector**, Co-Lead Author, commissioned by the Department for Environment, Food & Rural Affairs (2010-12).
- **Urbanism, Climate Adaptation and Health**: Urban transport system, pollution, climate change and health – modelling future scenarios (led by ANU, PI: Capon, CSIRO funded, 2011-12).
- **Assessing the Effects of Heat and Air Pollution on Public Health** in Fiji under Climate Change. Collaboration with WHO South Pacific Office and Fiji Ministry of Health (2012).
- **Climate Change and Public Health**: Assessment of the effects of extreme weather and development of innovative prevention and mitigation strategies (EU/Cyprus funded, 2010-12).
- **Assessing Improved Biomass Stoves**: An Intervention for Reducing Indoor Air Pollution Exposure in Rural Kenya – PhD studentship for Caroline Ochieng (GIZ funded, 2008-12).
- **An Integrated Framework for Improving Sustainability of the Indoor Environment – INTRAWISE** (led by Manchester University, EPSRC funded, 2008-11).
- **Pollutants in the Urban Environment PURE** (led by Manchester University, EPSRC, 2006-09).
- **Integrated Assessment of Health Risks of Environmental Stressors in Europe: INTARESE** (led by Imperial College, EU FP6 funded, 2006-10).
- **Air Quality and Health**: Research Fellowship, Spanish Ministry of Education & Science (2006).
- **Measurement and Modelling of Exposure to Air Toxic Concentrations for Health Effect Studies – MATCH** (led by Birmingham University, Health Effects Institute funded, 2004-06).
- **Operational Model Development and Experimental Validation for Assessing Air Quality in Street Canyons – STRAQ** (Birmingham City Council funded, 2005-06).
- **Advanced Tools for Rational Energy Use towards Sustainability** with emphasis on microclimatic issues in urban applications ATREUS (led by Uni. Thessaloniki, EU FP5, 2003-04).

TEACHING AND COURSE DEVELOPMENT

Developing and leading MSc programmes, and teaching postgraduate and undergraduate courses at Australian and overseas universities. Teaching short courses and providing specialist training.

Current:

- **ANU Master in Applied Epidemiology:** Effects of Climate Change on Population Health and Adaptation Strategies (2022-present)
- **ANU Fenner School of Environment & Society:** Climate Change Vulnerability & Adaptation (2021-present)
- **ANU Research School of Population Health & Crawford School of Public Policy** selected courses (2020-present)
- **Blended Learning International,** Climate Change Mitigation and Public Health, 2022.
- Invited lectures, **University of Indonesia** and **Indian Institute of Technology Madras** (2020-22)

Completed:

- **MSc Climate Change, Management and Finance.** Imperial College Business School (2018)
- **BSc Biology, Environment and Health** (4th year), Heriot-Watt University (2017-2018).
- **MSc Public Health: Environmental Health Policy.** London School of Hygiene & Tropical Medicine (2006-2016)
- **Essentials of Environmental Science for Health Protection,** Kings College London (2013-2016).
- **MSc City Sciences,** Environment & Sustainability module, School of Architecture, University of Madrid, Spain. (2014-2016).
- **Sustainability Leadership Training Programme,** Cambridge Institute for Sustainability Leadership, University of Cambridge, UK (2015).
- Invited Lecturer: **MSc Occupational & Environmental Public Health,** Cardiff Met Uni (2013)
- Invited Lecturer: **New South Wales Public Health Training Programme,** Australia (2011-12).
- Course Director: **MSc Public Health,** London School of Hygiene & Tropical Medicine (2017-10).
- Distance Learning Module Leader: **Environmental Health.** LSHTM, UK (2006-12).
- Module Leader and/or Lecturer: **MSc Air Pollution Management and Control.** School of Geography, Earth and Environmental Sciences, University of Birmingham, UK (2004-08).
- Lecturer: **MSc Environmental Health,** University of Birmingham, UK (2004-06).
- Lecturer: **BSc Environmental Science/Management,** University of Birmingham, UK (2004-06).
- Seminars: Department of **Environment & Planning,** University of Aveiro, Portugal (2003-04).

GENERAL SKILLS

- **Language skills:** Fluent in oral & written **ENGLISH, FRENCH, SPANISH, GREEK** (native)
- **Computer skills:** Air pollution models, Exposure models, Health Impact Assessment & Risk assessment models, Environmental Transport & Fate models, CFD, GIS, Statistical software, etc.
- **Academic software:** Blackboard, WebCT, Turnitin

RESEARCH STUDENT SUPERVISION

7 successfully completed PhD projects, 4 PhD projects in progress, over 20 MSc projects completed

- **Supervisor,** Cathy Etherington, Bushfire smoke effects on people with asthma, 1st year.
- **Supervisor,** Lei Wan (ANU), Health and economic impact of air pollution in China, 1st year.
- **A/Supervisor,** S. Quilty (ANU), Climate change, heat and health in Central Australia, 2nd year.
- **A/Supervisor,** S Das (IIT Madras, India), Biomass burning, air quality, climate and health, 1st year
- **A/Supervisor,** W. Mueller (LSHTM), PhD on green space and health, completed 2022.
- **A/Supervisor,** K. Arbuthnott (LSHTM), PhD on climate change adaptation, completed 2020
- **A/Supervisor,** S. Fenech (Edinburgh Univ.) PhD on air pollution, completed 2018.

- **A/Supervisor**, C. Shrubsole (UCL), PhD on low carbon buildings, completed 2017.
- **Supervisor**, C. Ochieng (LSHTM), PhD on sustainable household energy, completed 2013.
- **Supervisor**, E. Solazzo (Birmingham Univ.) PhD on urban street canyons, completed 2008.
- **Advisor**, G. Favale (University of Naples), PhD on urban air quality, completed 2008.
- **Supervisor** of > 20 MSc projects in Public Health, Environmental Health, Air Pollution Control, Climate Change Adaptation, Environmental Modelling (LSHTM, University of Birmingham)

SCIENTIFIC JOURNAL EDITOR, REVIEWER & EXAMINER

- **Specialty Chief Editor**, section on Health and Cities, [Frontiers in Sustainable Cities](#).
- **Associate Editor**, Climate Change & Health, [Int J Environmental Research & Public Health](#).
- **Guest Editor**, Climate Change, Air Pollution & Human Health, [Environmental Research Letters](#), 2021.
- **Guest Editor** of special issue on [Urban Environmental Health Interventions](#) towards the Sustainable Development Goals, in the Science of the Total Environment, 2019.
- **Guest Editor** of special issue [Urban Climate, Air Pollution & Public Health](#) in *Climate*, 2017.
- **Guest Editor** of special issue on Challenges & Opportunities for [Urban Environmental Health & Sustainability](#) in *Environmental Health*, 2016.
- **Guest Editor** of special issue on [Exposure and Health Impacts of Air Pollution](#) in *Air Quality, Atmosphere & Health*, 2011.
- **Editorial Advisor**, *Cities & Health* journal (2017-current). Routledge
- **Invited Reviewer: IPCC - Intergovernmental Panel on Climate Change** 5th Assessment Report. Climate Change 2014: Impact, Adaptation and Vulnerability.
- **Reviewer** of national/international funding bodies, including **EU H2020, Wellcome Trust, UKRI**
- **Scientific Journal Reviewer**: Public Health, Environmental Health, Environment and Planning A, Urban Health, Environmental Technology, Environmental Monitoring, Environment International, Climatic Change, Indoor Air, Science of the Total Environment, Atmospheric Environment, etc.
- **PhD Examiner** at Cambridge University, University College London, Birmingham University, University of Madrid, Griffith University, Melbourne University.

SELECTED MEDIA INTERVIEWS & PUBLIC ENGAGEMENT

- **Bushfire crisis, Australia 2019/20**. Prof Vardoulakis' strong engagement with the media and consistent messaging on air quality and health during the bushfire crisis reached an audience of around **8 million** through contributions on all media platforms including national TV, Radio, printed and online press, and social media.
- **ABC RN (Ockham's Razor)**: [Climate change and our health](#), 31.7.22
- **360 info**: [Disaster proofing healthcare key to flood resilience](#), 10.10.22
- **ANU Policy Forum**: [The health impact of bushfires and preparing for future crises](#) 27.4.2020
- **ANU Factsheets**: [How to protect yourself and others from bushfire smoke](#) 2020
- **Australian Associated Press**: [Virus shutdown will reduce air pollution](#) (2.4.2020)
- **ABC News**: [How to maintain your fitness and keep active as our air quality plummets](#), 18.12.19
- **The Canberra Times**: [Smoke pollution advice impractical](#), 20.12.19
- **ABC Triple J**: [How smoke impacts your health and how you can protect yourself](#), 7.01.20
- **ABC Radio**: [Air pollution: experts call for national committee on health impacts](#), 24.02.20
- **ABC TV News**: [Health concerns amid prolonged air pollution from fires](#), 3.01.2020
- **Medical Journal of Australia (MJA) Podcast** 2020 Episode 4: [Bushfire smoke exposure](#)
- **Australian Healthcare & Hospitals Association (AHHA) Podcast** on [Bushfire Effects](#)
- **The Guardian**: [Shock figures to reveal deadly toll of global air pollution](#), 16.01.16.
- **The Guardian**: [Asthma could be worsened by energy-efficient homes](#), 20.09.15.

- **BBC Radio 4: *More or Less***, 26 September 2014.
- **BBC Radio 4: *Costing the Earth***, 26 August 2014.
- **ABC RN Breakfast: [UK preparing for health impact of climate change](#)**, 12 Apr 2012
- **PHE Annual Stakeholder Event** on Air Pollution and Health
- **Healthy-Polis [Newsletters](#)** on Urban Environmental Health & Sustainability
- **BioMed Central Blog: [Improving policy for sustainable urban environments](#)**
- **Public Health Matters Blog: [Understanding the impact of particulate air pollution](#)**
- **Public Health Matters Blog: [Climate Change Risks in the Domestic Environment](#)**
- **Public Health Matters Blog: [Four ways our changing climate could damage your health](#)**
- **Public Health Matter Blog: [Urban Environmental Health – how to make improvements](#)**
- **NICE Blog: [New guidance from NICE is a breath of fresh air](#)**

PUBLICATIONS

*Around 170 publications with over 130 peer-reviewed articles in high impact factor journals.
H-index: 55; >13,000 scientific citations (Google Scholar).*

Peer-reviewed journal papers

1. Beggs P., Zhang Y., McGushin A., Trueck S., Linnenluecke M., Bambrick H., Capon T., [Vardoulakis S.](#), et al., 2022. MJA-Lancet Countdown on health and climate change: Australia unprepared and paying the price. Medical Journal of Australia. DOI:10.5694/mja2.51742
2. Maciaszek K., ...[Vardoulakis S.](#), et al. 2022. In vitro assessment of the pulmonary toxicity of particulate matter emitted during haze events in Chiang Mai, Thailand. Environmental Research: Health (accepted)
3. Vandyck T., Ebi K.L., Green D., Cai W., [Vardoulakis S.](#), 2022. Climate change, air pollution and human health. Environmental Research Letters 17, 100402.
4. Walsh E.I., ...[Vardoulakis S.](#), Laachir K., 2022. Bushfire smoke and children's health - exploring a communication gap. International Journal of Environmental Research and Public Health 19(19), 12436.
5. Longden T., Kompas T., Norman R., [Vardoulakis S.](#), 2022. Considering health damages and co-benefits in climate change policy assessment. Lancet Planetary Health 6(9), E712-E713.
6. [Vardoulakis S.](#), Matthews V., Bailie R., et al., 2022. Building resilience to environmental disasters requires transformative action to tackle climate change and health inequities. MJA. DOI:10.5694/mja2.51595
7. Salmond J.A., [Vardoulakis S.](#), et al. 2022. Cities in lockdown: current and future implications of COVID-19 for air quality and urban environmental health. Frontiers in Sustainable Cities. DOI:10.3389/frsc.2022.913629
8. Mueller W., Wilkinson P., Milner J., Loh M., [Vardoulakis S.](#), et al. 2022. The relationship between greenspace and personal exposure to PM2.5 in Delhi, India. Environmental Pollution 305, 119294.
9. Mueller W., Milner J., Loh M., [Vardoulakis S.](#), Wilkinson P., 2022. Exposure to urban greenspace and pathways to respiratory health: An exploratory systematic review. Science of Total Environment 829, 154447
10. McClymont H., Bambrick H., Si X., [Vardoulakis S.](#), Hu W., 2022. Future perspectives of emerging infectious diseases control: a One Health approach. One Health 14, 100371
11. Gião M.S., [Vardoulakis S.](#), 2022. Aerosols and bacteria from hand washing and drying in indoor air. Frontiers in Public Health 10:804825. DOI: 10.3389/fpubh.2022.804825
12. [Vardoulakis S.](#), Espinoza Oyarce D.A., Donner E., 2022. Transmission of COVID-19 and other infectious diseases in public washrooms: a systematic review. Science of the Total Environment 803, 149932.
13. Morawska L., Miller W., Riley M., [Vardoulakis S.](#), Zhu Y-G., Marks G.B., Garnawati P., Kumar P., Thynell M., 2022. How to build Urbanome, the genome of the city? Science of the Total Environment 810, 152310
14. Heaney E., ...[Vardoulakis S.](#), 2021. Efficacy of communication techniques and health outcomes of bushfire smoke exposure: a scoping review. Int Journal of Environmental Research and Public Health 18(20), 10889.
15. [Vardoulakis S.](#), 2021. Policy reflection on climate change and health. Australian Health Review. https://doi.org/10.1071/AHv45n1_ED2
16. Cowie C.T., ...[Vardoulakis S.](#), et al. 2021. Policy implications for protecting health from the hazards of fire smoke: protecting health in an era of escalating fire risk. IJERPH 18, 5702
17. Niu Y., ...[Vardoulakis S.](#), et al. 2021. A systematic review of the development and validation of the heat vulnerability index: major factors, methods, and spatial units. Current Climate Change Reports 7, 87-97.

18. Nichols G.L., Gillingham E.L., Macintyre H.L., [Vardoulakis S.](#), Hajat S., Sarran C.E., Amankwaah D., Phalkey R. 2021. Coronavirus seasonality, respiratory infections and weather. *BMC Infectious Diseases*.
19. Mueller W., [Vardoulakis S.](#), et al. 2021. A health impact assessment of long-term exposure to particulate air pollution in Thailand. *Environmental Research Letters* 16, 055018.
20. Fenech S... [Vardoulakis S.](#), Agnew P., Neal L., 2021. Future air pollution related health burdens associated with RCP emission changes in the UK. *Science of the Total Environment* 773, 145635.
21. Mueller W., Wilkinson P., Milner J., [Vardoulakis S.](#), et al. 2021. Neighbourhood and path-based greenspace in three European countries: Associations with objective physical activity. *BMC Public Health* 21:282.
22. Hanigan I.C... [Vardoulakis S.](#), et al. 2021. Avoidable mortality attributable to anthropogenic fine particulate matter (PM_{2.5}) in Australia. *International Journal of Environmental Research and Public Health* 18, 254.
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158. Grynszpan D., Murray V., Kreis I., Zenner D., Vardoulakis S., et al. 2011. International Dimensions of Climate Change: The Implications for the UK’s Health Sector of the Impacts of Climate Change Overseas, 2010 to 2100. Foresight, Government Office for Science.
159. Heaviside C., Vardoulakis S., Maynard R., Leonardi G., 2011. Climate Change and Health Protection: Looking Forward October 2010, London – a Health Protection Agency workshop. HPA Chemical Hazards and Poisons Report 19 (April 2011), 46-47.
160. Vardoulakis S., 2010. Climate Change and Human Health. Oxford Bibliographies Online: “Public Health”, Ed. T. Burnard, Oxford University Press.
161. Vardoulakis S., et al. 2010. Health Effects of Air Pollutants. In “Human exposure to pollutants via dermal absorption and inhalation”, Eds. M. Lazaridis & I. Colbeck, Environmental Pollution 17, Springer Science.
162. Vardoulakis S., 2009. Human Exposure: Indoor and Outdoor. Issues in Environmental Science and Technology: "Air Quality in Urban Environments", Eds. R. Hester & R.M. Harrison, Issue No. 28
163. Vardoulakis S., Hänninen O., Sarigiannis D.A., 2009. Exposure to air pollution and effects on human health: Meeting report from the 7th International Conference on Air Quality – Science and Applications. WHO Collaborating Centre for Air Quality Management and Air Pollution Control 43, 13-16.
164. Harrison R.,...Vardoulakis S., et al. 2009. Measurement of modeling and exposure to selected air toxic for health effects studies and verification by biomarkers. EHI Research Report 143, pp. 198.
165. Lumbreras J., Vardoulakis S., 2005. Development of air quality guidance for bus terminals in Madrid, Spain. Trabajos Técnicos y Científicos, S.L. Madrid, pp. 50.
166. Vardoulakis S., 2002. Modelling air quality in street canyons: State of the science. AUXIRBAT technical report. Paris, pp. 95.
167. Vardoulakis S., Gonzalez-Flesca N., Fisher B., 2000. Monitoring and modelling techniques for assessing air quality in urban microenvironments. INERIS report, Verneuil, pp. 115.
168. Vardoulakis S., Gonzalez-Flesca N., Fisher B., 1999. Roadside air quality monitoring and modelling: Canyon street situation. INERIS report, Verneuil, pp. 86.

THESIS / DISSERTATIONS

Main topics included urban air quality management, traffic related air pollution, and aircraft noise.

1. Vardoulakis S., 2006. Flexible learning methods to support postgraduate teaching in air quality management. Post-graduate Certificate in Learning & Teaching in Higher Education. Dissertation, University of Birmingham.

2. Vardoulakis S., 2002. An operational method for assessing traffic-related air pollution in urban streets. Ph.D. Thesis, University of Greenwich, London.
3. Vardoulakis S., 1998. Assessment and mitigation of aircraft noise at Heathrow Airport. M.Sc. Thesis, Imperial College Centre for Environmental Technology (ICCET).

CONFERENCE PAPERS, INVITED TALKS & LECTURES

Over 180 talks, conference presentations and posters, with over 40 invited talks and keynotes in Australia, UK, Europe, America, Africa, Asia and the Pacific (c.30 invited talks and lectures since 2015).

Invited keynote talks and lectures since 2015

1. Vardoulakis S. 2022. Environmental Impacts on Health. 61st Australian Society for Medical Research National Scientific Conference. Sydney, Australia, 10-11 November 2022 (*invited keynote speaker*)
2. Vardoulakis S. 2022. E-Asia Joint Research Program: Workshop on Climate Change and Health, Honolulu, USA, 6-7 September 2022 (*invite speaker and co-chair*)
3. Vardoulakis S. 2021. COVID-19 pandemic lessons for air quality management. 6th Indian International Conference on Air Quality Management: Measurement, Modelling, Health Risk & Public Policy, 16-18 December 2021 (*invited keynote speaker and session chair*)
4. Vardoulakis S., 2021. Environmental determinants of cardiovascular health. Cardiac Society of Australia and New Zealand Annual Scientific Meeting, 5-8 August 2021 (*invited speaker*)
5. Vardoulakis S., 2021. Environmental Change, COVID-19 and Public Health. 2nd Ecosystem Change and Population Health Symposium. QUT, 14-15 June 2021. (*Invited speaker*)
6. Vardoulakis S., 2021. HEAL National Research Network: Healthy Environments And Lives. HEAL2021 Inaugural Conference. 17-18 November 2021. (*Chair and keynote speaker*)
7. Vardoulakis S., 2021. HEAL: A new Australian initiative in human health and environmental change. InVivo Planetary Health: 10th Annual Conference, 1-7 December 2021. (*Invited speaker*)
8. Vardoulakis S., 2021. Reducing environmental pollution: pandemic lessons and promising strategies. 17th International Conference on Urban Health (virtual), 6-8 July 2021. (*invited keynote*)
9. Vardoulakis S., 2021. Impact of climate change on global lung health: the Australian perspective. American Thoracic Society Annual Conference. 14-19 May 2021. (*invited speaker*)
10. Vardoulakis S., 2020. COVID-19 lockdown implications for air quality, climate change and public health. Clean Air Society of Australia and New Zealand (CASANZ), 4 June 2020. (*invited speaker*)
11. Vardoulakis S., 2020. Climate impacts: the far-reaching effects of air pollution and climate change. Climate Update 2020, RMIT, Melbourne, 12 March 2020. (*invited speaker*)
12. Vardoulakis S., 2019. Climate Change and Healthy Cities – from Primary Care to Preventive Health. 16th International Conference on Urban Health, Xiamen, China, 4-8 November 2019. (*invited keynote*)
13. Vardoulakis S., 2018. Urban environmental health interventions towards the Sustainable Development Goals. 2nd International Forum on Climate Change and Health Response. Guangzhou, China, 2-4 December 2018. (*invited keynote*)
14. Vardoulakis S., 2018. Clean air, low carbon transition towards healthier and more sustainable cities. 15th International Conference on Urban Health, Kampala, Uganda, 27-29 November 2018. (*invited keynote*)
15. Vardoulakis S., 2018. Opportunities for public health and air pollution through energy interventions at city-level. First WHO Global Conference on Air Pollution and Health: Improving air quality, combatting climate change – saving lives. Geneva, Switzerland, 29 October – 1 November 2018. (*invited keynote*)
16. Vardoulakis S., 2018. Clean air interventions for healthier and more sustainable urban environments. International Symposium on Health and Wellbeing in the Changing Urban Environment, Xiamen, China, 16-18 October 2018. (*invited keynote*)
17. Vardoulakis S., 2017. Environmental health and urban sustainability. International Conference on Urban Health, Coimbra, Portugal, 26-29 September 2017. (*invited keynote*)
18. Vardoulakis S., 2017. Tackling traffic related air pollution to improve public health. LGA/ADPH Annual Public Health Conference, London, 9 March 2017. (*invited speaker*)
19. Vardoulakis S., 2017. Reducing Air Pollution to Improve Public Health. Inside Government Conference on Tackling Air Pollution and Improving Air Quality, London, 21 February 2017. (*invited speaker*)

20. Vardoulakis S., 2016. Green Infrastructure, Health and Wellbeing. Green Infrastructure and Air Quality workshop, LSx and UCL, 24 November 2016. (*invited speaker*)
21. Vardoulakis S., 2016. Air Pollution & Health – the National Perspective. Health Protection Senior Leaders Forum, London, 14 July 2016. (*invited speaker*)
22. Vardoulakis S., 2016. Built environment – challenges and opportunities for health and sustainability. US CDC Summit on Environmental Hazards and Health Effects, Atlanta, USA, 26-29 January 2016. (*invited speaker*)
23. Vardoulakis S., 2015. Health and environmental benefits of mitigating air pollution and climate change. China Prosperity Strategic Programme Fund – Climate change, air pollution and health co-benefits of low carbon transition, Beijing, China 17-18 December 2015. (*invited speaker*)
24. Vardoulakis S., Dear K., 2015. Challenges and opportunities for urban environmental health and sustainability: HEALTHY-POLIS. Int. Conference on City Sciences, Shanghai, China, 4-5 June 2015. (*invited keynote speaker*)
25. Vardoulakis S., 2015. Update on evidence for quantification of NO₂ impacts. 18th meeting of the Joint Convention / WHO Task Force on Health Effects of Long-range Transboundary Air Pollution. Bonn, Germany, 14 April 2015. (*invited speaker*)
26. Vardoulakis S., 2015. Communication and public health messages for air pollution. 18th meeting of the Joint Convention / WHO Task Force on Health Effects of Long-range Transboundary Air Pollution. Bonn, Germany, 14 April 2015. (*invited speaker*)
27. Vardoulakis S., 2015. Health Impact Assessment of Traffic Interventions in the UK. MSc Public Health, London School of Hygiene & tropical Medicine, 24 April 2015. (*invited lecture*)
28. Vardoulakis S., 2015. Health risks of climate change – from global to local. Institute of Hazard, Risk and Resilience, Durham University, 23 February 2015. (*invited seminar*)
29. Vardoulakis S., 2015. Challenges and opportunities for urban environmental health and sustainability. Royal Society UK-India Scientific Seminar on Indian megacities, Edinburgh, 18-20 Feb 2015. (*invited speaker*)
30. Vardoulakis S., 2015. Climate change and health protection: from global to local. Chartered Institute of Environmental Health, London, 11 February 2015. (*invited speaker*)
31. Vardoulakis S., 2015. Climate Change and Urban Health. Essentials of Environmental Science for Health Protection. Kings College London, 20 November 2015. (*invited lecture*)

Conference papers

32. Vardoulakis S. et al. 2022. HEAL – Australian research network in human health and environmental change. 34th Annual Conference of the International Society for Environmental Epidemiology. Athens, Greece, 18-21 September 2022.
33. Vardoulakis S. 2022. Building community and health system resilience to climate disasters in Australia. 34th Annual Conference of the International Society for Environmental Epidemiology. Athens, Greece, 18-21 September 2022.
34. Bakolis I, ...Vardoulakis S., 2022. Climate emergencies and health system resilience (CHESS) collaborative research action: challenges and best practice from the UK and Australia. 34th Annual Conference of the International Society for Environmental Epidemiology. Athens, Greece, 18-21 September 2022.
35. Hanigan I., Vardoulakis S., 2021. Climate projections for health researchers. 24th International Congress on Modelling and Simulation, Sydney, 5-10 December 2021. (Session Co-Chair)
36. Vardoulakis S., Matthews V., Farrant B., Johnston F., Cass A., Williams C., Bentley R., Chu C., HEAL Investigators. Building Capacity in Human Health and Environmental Change Research: the HEAL network. Australian Public Health Conference 2021. 23-24 September 2021. (**Capacity Building Award finalist**)
37. Vardoulakis S., Espinoza Oyarce D.A., Nichols G., Lo Iacono G., Kumar P., ... Leonardi L.S., 2021. How important is airborne transmission for the spread of COVID-19? A systematic review. International Society of Exposure Science Conference, 30 August – 3 September 2021
38. Vardoulakis S., Espinoza Oyarce D.A., Donner E., 2021. Transmission of COVID-19 and other infectious diseases in washrooms: a systematic review. International Society of Exposure Science Conference, 30 August – 3 September 2021 (virtual)

39. Heaney E., Hunter L., Clulow A., Bowles D., Vardoulakis S., 2021: Communicating Through the Haze - The Health Outcomes of Bushfire Smoke Exposure and Efficacy of Communication Techniques: A Scoping Review. CHARM, Canberra, Australia, 27-30 July 2021.
40. Vardoulakis S., Walsh E., Lucas R., James T., Hunter A., Palfrey N., Laachir K., 2020. Bushfire smoke – public health communication during the Black Summer and beyond. Australian Public Health Conference, virtual conference, 19-30 October 2020. (**Advocacy & Leadership Award winner**)
41. Vardoulakis S., Espinoza Oyarce D.A., Lo Iacono G., Nichols G., Lauriola P., Zeka A., Leonardi G., 2020. Airborne transmission of COVID-19 and other coronaviruses in indoor and outdoor environments: a rapid systematic review. 32nd Annual Conference of the International Society of Environmental Epidemiology, Washington DC, USA (virtual), 24-27 August 2020.
42. Vardoulakis S., Loh M., Crawford J., Conlan B., Davis A., Williamson T., Black D., Lowder M., Dixon K., Cowie H., 2019. Urban interventions to improve outdoor air quality. 16th International Conference on Urban Health, Xiamen, China, 4-8 November 2019.
43. Vardoulakis S., Nagendra S., Huang C., Liu Q., Zhu T., Zhao P., Peter A., Carmichael L., Dirks K., Salmond J., Borah P. 2019. GCRF Clean Environment and Planetary Health in Asia Network. 16th International Conference on Urban Health, Xiamen, China, 5 November 2019.
44. Vardoulakis S., Davis A., Steinle S., Sleuwenhoek A., Galea K., Dixon K., Crawford J., 2019. Indoor Exposure to Selected Air Pollutants and Associated Health Effects: A Global Review. 31st Annual Conference of the International Society of Environmental Epidemiology, Utrecht, The Netherlands, 25-18 August 2019.
45. Samoli E., Stergiopoulou A., Santana P., Dimitroulopoulou S., Bauwelinck M., de Hoogh K., Costa C., Dell'Olmo M.M., Vardoulakis S., Katsouyanni K., on behalf of the EURO-HEALTHY Consortium, 2019. Spatial variability in air pollution in relation to socioeconomic indicators in nine European metropolitan areas. 31st Annual Conference of the International Society of Environmental Epidemiology, Utrecht, The Netherlands, 25-28 August 2019.
46. Mueller W., Steinle S., Pärkkä J., Parmes E., Lieder H., Kuijpers E., Sarigiannis D., Chapizanis D., Maggos T., Stamatelopoulou M., Wilkinson P., Milner J., Vardoulakis S., Loh M. 2019. Health effects of greenspace on outdoor physical activity and indoor PM2.5 and noise: A case study of four European cities. 31st Annual Conference of the International Society of Environmental Epidemiology, Utrecht, The Netherlands, 25-28 August 2019.
47. Mueller W., Steinle S., Loh M., Vardoulakis S., Precha N., Kliengchuay W., Sahanavin N., Sillaparassamee R., Nakhapakorn K., Tantrakarnapa K., Cherrie J.W., 2019. Long-term Exposure to Outdoor Air Pollutants in Thailand: A Health Impact Assessment. 31st Annual Conference of the International Society of Environmental Epidemiology, Utrecht, The Netherlands, 25-28 August 2019.
48. Osborne N., Hajat S., Skjoth C., Sarran C., McInnes R., Hemming D., Vardoulakis S., Fleming L., Wheeler B., The PollerGEN Consortium, 2019. Different levels of hospitalisation due to asthma across the grass pollen season. 31st Annual Conference of the International Society of Environmental Epidemiology, Utrecht, The Netherlands, 25-28 August 2019.
49. Tantrakarnapa K., ... Vardoulakis S., et al. 2019. Investigation of Particulate Matter during a Haze Episode in Bangkok, Thailand. UK & Ireland Occupational & Environmental Epidemiology, Edinburgh, 1 April 2019.
50. Mueller W., ... Vardoulakis S., et al. 2018. Health impact assessment from long-term exposure to outdoor air pollution in Thailand. J. International Tropical Medicine Meeting, Bangkok, Thailand, 12-14 December 2018.
51. Mueller W., Steinle S., Loh M., Vardoulakis S., et al. 2018. Long-term trends of air pollution in Bangkok, Thailand, & effects on health. 15 Int Conference on Urban Health, Kampala, Uganda, 27-29 November 2018.
52. Gómez-Moreno F.J., ... Vardoulakis S., et al. 2018. Influence of the vegetation cover in reducing pollution effects in an urban hotspot. RICTA 2018 Aerosol Science and Technology, Bilbao, Spain, 20-22 June 2018.
53. Fenech S., Doherty R., ... Vardoulakis S., 2018. Future health burdens associated with RCP emission scenarios for 2050 for the UK. iCACGP & IGAC Conference, Kagawa, Japan, 25-29 September 2018.
54. Mueller W., Steinle S., Loh M., Vardoulakis S., et al. 2018. Long-term trends of air pollution in Thailand and effects on health. ISES-ISEE, 26-30 August, Ottawa, Canada.
55. Vardoulakis S., et al. 2018. Urban interventions to improve environmental sustainability and health – the HEALTHY-POLIS initiative. Planetary Health 2018, Edinburgh, UK, 26-29 May 2018.

56. Loquidis E., Ardern K., Clements-Croome D., Vardoulakis S., 2017. A blueprint for healthy and resilient cities. Healthy City Design International, London, 16-17 October 2017.
57. Macintyre H., Heaviside C., Vardoulakis S., 2017. Assessing urban population vulnerability and environmental risks during heatwaves across a UK urban area – implications for health protection. International Conference on Urban Health, Coimbra, Portugal, 26-29 September 2017.
58. Mitsakou C., ...Vardoulakis S., 2017. Environmental public health risks in European urban areas. International Conference on Urban Health, Coimbra, Portugal, 26-29 September 2017.
59. Almendra R., ...Vardoulakis S., 2017. Comparative study of cold related mortality in three European capital cities: Athens, Lisbon & London. Int. Conference on Urban Health, Coimbra, Portugal, 26-29 Sept 2017.
60. Arbuthnott K., Hajat S., Heaviside C., Vardoulakis S., 2017. The association between years of life lost and high temperatures in three major United Kingdom (UK) conurbations. International Conference on Urban Health, Coimbra, Portugal, 26-29 September 2017.
61. Heaviside C., Mitchell D., Vardoulakis S., Huntingford C., Masato G., Frumhoff P., Allen M., 2017. Attributing human mortality during extreme heat waves to anthropogenic climate change. International Conference on Urban Health, Coimbra, Portugal, 26-29 September 2017.
62. Vardoulakis S., ...Wilkinson P., Davies M., 2017. Population vulnerability to heat over space and time – lessons for climate change adaptation. Int Congress of Biometeorology, Durham, UK. 3-7 September 2017.
63. Gómez-Moreno F.J., Artíñano B., Díaz Ramiro E., Barreiro M., Vardoulakis S., et al. 2017. Spatial distribution of particulate matter and its temporal evolution in a complex hot spot with influence in an urban park. European Aerosol Conference 2017, Zurich, Switzerland, August 27–Sept. 1, 2017.
64. Wheeler B.W., ...Vardoulakis S., Fleming L.E., 2017. Estimating residential green/blue space exposure in a large UK cohort. 17th Int. Medical Geography Symposium, Angers, France, July 2-7, 2017.
65. Macintyre H., ...Vardoulakis S., 2017. Health impacts of the Urban Heat Island, and the potential benefits of adaptation in a UK city. 3rd European Climate Change Adaptation Conference, Glasgow, UK, 5-9 June 2017.
66. Lo Iacono G., Kovats S., Vardoulakis S., Fleming L., Nichols G., 2017. A novel method to quantify the impact of weather on Campylobacteriosis in England and Wales. Applied Epidemiology Scientific Conference, Warwick University, 21-22 March 2017.
67. Macintyre H., Heaviside C., Vardoulakis S., 2017. Modelling the health impacts of the Urban Heat Island, and the potential benefits of mitigation techniques across the West Midlands. Applied Epidemiology Scientific Conference, Warwick University, 21-22 March 2017.
68. Alcock I., ...Vardoulakis S., et al. 2017. Land cover and air pollution: interactive associations with asthma hospitalisations. Applied Epidemiology Scientific Conference, Warwick University, 21-22 March 2017.
69. Nichols G., Fleming L., Kovats S., Vardoulakis S., et al. 2017. Weather and Infectious Diseases – The NIHR Health Protection Research Unit in Environmental Change and Health and MEDMI project. Applied Epidemiology Scientific Conference, Warwick University, 21-22 March 2017.
70. Mitsakou C., ...Vardoulakis S., 2017. Environmental public health risks in European metropolitan areas. Applied Epidemiology Scientific Conference, Warwick University, 21-22 March 2017.
71. Fenech S., ... Vardoulakis S., O'Connor F., 2016. Quantifying uncertainties in multi-pollutants health impacts in urban/rural regions across the UK. 14th IGAC Science Conference, Breckenridge, USA, 26-30 Sept 2016.
72. Macintyre H., ...Vardoulakis S., 2016. Mortality and emergency hospitalizations associated with atmospheric particulate matter episodes across the UK in spring 2014. Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research in the UK, Solihull, UK, 26-27 September 2016.
73. Heaviside C., ...Vardoulakis S. et al. 2016. Assessing the health impacts of short term exposure to ozone in the England and Wales from 2001-2011. PHE Annual Conference, Warwick, 13-14 Sept 2016.
74. Vardoulakis S., Dear K., Salmond J., Sabel C., et al. 2016. HEALTHY-POLIS: Challenges & Opportunities for Urban Environmental Health & Sustainability. PHE Annual Conference, Warwick, 13-14 Sept 2016.
75. Gómez-Moreno F.J., ...Vardoulakis S., et al 2016. Temporal and spatial particulate matter distribution in a complex hotspot. European Aerosol Conference, Tours, France, 4-9 September 2016.

76. Heaviside C., Vieno M., Reis S., Vardoulakis S., et al. 2016. Assessing the health impacts of short term exposure to ground level ozone in the UK from 2001-2014. Quadrennial Ozone Symposium of the International Ozone Commission, Edinburgh, UK, 4-9 September 2016.
77. Osborne N.J., Alcock I., Wheeler B.W., White M.P., Eggen B., Vardoulakis S., et al. 2016. Pollen exposure and hospital admissions for asthma in London, UK 2005-11. 28th Annual Conference of the International Society of Environmental Epidemiology, Rome, Italy, 1-4 September 2016.
78. Alcock I., White M., Cherrie M., Wheeler B., Vardoulakis S., et al. 2016. Asthma hospitalisation is associated with natural environments and their interaction with long-term pollutant exposure. 28th Annual Conference of the Int. Society of Environmental Epidemiology, Rome, Italy, 1-4 September 2016.
79. Atkinson R.W., ...Vardoulakis S., Walton H., Anderson H.R., 2016. Long-term exposure to ambient ozone and mortality: a quantitative systematic review and meta-analysis of evidence from cohort studies. 28th Annual Conference of the Int. Society of Environmental Epidemiology, Rome, Italy, 1-4 September 2016.
80. Gasparrini A., Guo Y., Sera F., ...Vardoulakis S., et al. 2016. Projections of temperature-attributed mortality under climate change scenarios: an analysis of 395 locations in 15 countries. 28th Annual Conference of the Int. Society of Environmental Epidemiology, Rome, Italy, 1-4 September 2016.
81. Rodopoulou S., ...Vardoulakis S., et al. 2016. Health impact of selected environmental indicators in Athens, Greece. 28th Int. Society for Environmental Epidemiology Conference, Rome, Italy, 1-4 September, 2016
82. Mitsakou C., Dimitroulopoulou S., Vardoulakis S., et al. 2016. Development of environmental public health indicators for assessing policies and interventions across Europe. 28th International Society for Environmental Epidemiology Conference, Rome, Italy, 1-4 September, 2016
83. Lo Iacono G., Vardoulakis S., Nichols G., Kovats S., Fleming L.E., 2016. Quantitative analysis methods used to investigate the effects of weather and climate on infectious diseases. 3rd International Symposium on Environment and Health, Galway, Ireland, 14-20 August 2016.
84. Vardoulakis S., Dimitroulopoulou C., Mitsakou C., Heaviside C., Katsouyanni K., Samoli E., Santana P., 2016. Developing environmental public health indicators for European metropolitan areas. International Conference on Urban Risks, Lisbon, Portugal, 30 June - 2 July 2016.
85. Macintyre H., ...Vardoulakis S. 2016. Modelling the health impacts of the Urban Heat Island & the potential benefits of mitigation techniques in a UK city. Int. Conf. Urban Risks, Lisbon, Portugal, 30 Jun- 2 Jul 2016.
86. Vardoulakis S., Dear K., Salmond J. et al. 2016. HEALTHY-POLIS: Challenges and Opportunities for Urban Environmental Health & Sustainability. Int. Conference on Urban Risks, Lisbon, Portugal, 30 Jun-2 Jul 2016.
87. Salmond J., Tadaki M., Vardoulakis S., et al. 2016. Towards an evaluation of the local scale health & climate related ecosystem services of street trees. 13th Int. Conf. Urban Health. San Francisco, USA, 1-4 April, 2016.
88. Tsangari H., Heaviside C., Vardoulakis S., et al. 2016. Health impact assessment for mortality associated with high temperatures in Cyprus. MELECON 2016, Limassol, Cyprus, 18-20 April 2016.
89. Artíñano B., ...Vardoulakis S., et al. 2016. Distribution of particulate mass concentrations in a complex traffic hotspot. 10th Int. Conf. Air Quality - Science and Application, Milan, Italy, 14-18 March 2016.
90. Lo Iacono G., Vardoulakis S., Nichols G., et al. 2016. A systematic review on quantitative analysis methods used to investigate the effects of weather and climate on water-associated diseases. One Health for the Real World: Zoonoses, Ecosystems & Wellbeing. London, 17-18 March 2016.
91. Dimitroulopoulou C., Vardoulakis S., Heaviside C., Katsouyanni K., Santana P., 2015. Development of environmental public health indicators in Europe. MESAEP Conference, Crete, Greece, 26-28 Sept. 2015.
92. Alcock I., Osborne N., Hajat S., McInnes R., Vardoulakis S., Fleming L., 2015. A time series analysis of pollen counts and A&E admissions for asthma amongst adults. Public Health England Annual Conference, Warwick University, 15-16 September 2015.
93. White M.P.,... Vardoulakis S., et al. 2015. The value to health of physical activity in different outdoor and natural spaces. Public Health England Annual Conference, Warwick University, 15-16 September 2015.
94. Macintyre H... Vardoulakis S., 2015. Health Impact Assessment of an Air Pollution Episode Across the UK in Spring 2014. UK Review Meeting on Outdoor & Indoor Air Pollution Research, Solihull, 24-25 Sept 2015.
95. Artíñano B.,... Vardoulakis S., et al. 2015. Experimental characterization of the ambient particulate mass concentration field in complex urban areas. 12th Urban Environment Symposium in Oslo, 1-3 June 2015.

96. Heaviside C., Cai X., Vardoulakis S., Mavrogianni A., Taylor J., Davis M., 2015. Heat-related health impacts relating to the urban heat island and climate change in the West Midlands, UK. 9th International Conference on Urban Climate, Toulouse, France, 20-24 July 2015.
97. Nichols G.,... Vardoulakis S., Flemming L., 2015. Campylobacter and weather – refining methods. Impact of Environmental Changes on Infectious Diseases, Sitges, Spain, 23-25 March 2015.
98. Nichols G., Guzman Herrador B., Semenza J., Kovats S., Vardoulakis S., Flemming L., 2015. Evidence base of organisms that can be waterborne and those that might be subject to climate change. Impact of Environmental Changes on Infectious Diseases, Sitges, Spain, 23-25 March 2015.
99. Vardoulakis S., 2014. Issues Arising from Health Impacts of Air Pollution. 1st National Air Quality Conference, London, 26 Nov 2014. (*invited speaker*)
100. Heaviside C., Vardoulakis S., et al. 2014. Health effects due to changes in ozone under future scenarios. UK-USEPA air quality modelling meeting, University of Hertfordshire, 25 Oct 2014. (*invited speaker*)
101. Vardoulakis S., 2014. Air Pollution and Public Health. 1st PHE Air Pollution and Public Health Advisory Group meeting, Birmingham, 24 Nov 2014.
102. Vardoulakis S., 2014. Health Effects of Environmental Change. Welsh Public Health Conference. Cardiff, 6 October 2014. (*invited speaker*)
103. Vardoulakis S., 2014. Air pollution impacts across UK and Sussex. Sussex-air Conference 2014: Air Pollution “the silent killer”. Brighton, 2 April 2014. (*invited talk*)
104. Vardoulakis S., Thornes J., Lai K-M, et al. 2014. Health Effects of Climate Change in the UK Indoor Environment – A Critical Review. Indoor Air 2014, Hong Kong, 7-14 July 2014.
105. Vardoulakis S., Gowers A., Morton S., et al. 2014. Air pollution impacts on public health and local mitigation actions. Annual UK Review Meeting: Outdoor and Indoor Air Pollution Research, Solihull, 3-4 June 2014.
106. Vardoulakis S., Mazzeo N.A., Venegas L.E., 2014. Sensitivity of the semi-empirical urban street (SEUS) model to variations in NO₂/NO_x emissions ratios. Air Quality 2014 – Science and Application, Garmisch-Partenkirchen, 24-28 March 2014.
107. Venegas L.E., Mazzeo N.A., Vardoulakis S., 2014. Evaluation of the semi-empirical urban street (SEUS) model using air quality data from two street canyons in the UK. Air Quality 2014 – Science and Application, Garmisch-Partenkirchen, 24-28 March 2014.
108. Vardoulakis S., 2013. Climate Change and Health. Health Protection Commission. Welsh Government. 1 October 2013, Cardiff. (*invited seminar*)
109. Vardoulakis S., 2013. Climate Change and Health. In: Essentials of Environmental Science for Health Protection. Kings College London, 22 November 2013, London (*invited lecture*)
110. Vardoulakis S., 2013. Risks in the Environment: Air Pollutants. MPH Cardiff Metropolitan University, 7 November 2013, Cardiff (*invited lecture*)
111. Vardoulakis S., 2013. Climate Change Risk Assessment and Heat Effects in UK. Heatwave Seminar. Department of Health and Health Protection Agency, 8 March 2013, London. (*invited talk*)
112. Vardoulakis S., Keith D., 2013. Challenges and Opportunities for Urban Environmental Health and Sustainability: HEALTHY-POLIS. Urban Dynamics and Health: Concepts, methods and applications, Paris, France, 11-13 September 2013.
113. Vardoulakis S., Heaviside C., Haines A., et al., 2013. Health effects of climate change in the UK – current evidence and research gaps. Environment and Health Conference of ISEE, ISES and ISIAQ, Basel, Switzerland, 20-23 Aug 2013.
114. Keith D., Vardoulakis S., 2013. Challenges and Opportunities for Urban Environmental Health and Sustainability: HEALTHY-POLIS. Environment and Health Conference of ISEE, ISES and ISIAQ, Basel, Switzerland, 20-23 Aug 2013.
115. Tsangari H... Vardoulakis S., Yamasaki E. 2013. Effects of extreme weather on mortality in Cyprus: high temperatures vs. synoptic air mass types. Environment and Health Conference of ISEE, ISES and ISIAQ, Basel, Switzerland, 20-23 Aug 2013.

116. Eggen B., Vardoulakis S., Hemming D., Clewlow Y., 2013. Impacts World 2013 Conference, Potsdam, Germany, 27-30 May 2013.
117. Vardoulakis S., Heaviside C., Haines A. et al. 2012. Health effects of climate change and adaptation measures in the UK. European Climate Change Adaptation Conference, Hamburg, Germany, 18-20 March 2013.
118. Eggen B., Vardoulakis S., et al. 2013. Adaptation to changes in ambient temperature and implications for public health. European Climate Change Adaptation Conference, Hamburg, Germany, 18-20 March 2013.
119. Vardoulakis S. 2012. Monitoring and modelling air pollution exposure in the urban environment. Health Protection 2012 Conference, 11-12 September 2012, University of Warwick, UK.
120. Vardoulakis S., Heaviside C., Haines A., et al., 2012. Health effects of climate change in the UK – update of the evidence. Health Protection 2012 Conference, 11-12 September 2012, University of Warwick, UK.
121. Vardoulakis S., ...Wilkinson P., Chalabi Z., Ucci M., Davies M., 2012. Public health outcomes of climate change mitigation and adaptation policies in the built environment. Healthy Buildings 2012, 10th Conference of the International Society of Indoor Air Quality and Climate, 8-12 July 2012, Brisbane, Australia.
122. Ochieng C., Vardoulakis S., Tonne, C., 2012. Assessing improved biomass stoves as an intervention for reducing indoor air pollution exposure in rural Kenya. Healthy Buildings 2012, 10th Int. Conference of the International Society of Indoor Air Quality and Climate, 8-12 July 2012, Brisbane, Australia.
123. Vardoulakis S., McMichael A.J., Capon A.G. 2012. Assessing climate change adaptation interventions: Health impacts of extreme temperatures and air pollution in cities. NCCARF National Adaptation Conference: Climate Adaptation in Action 2012, 26-28 June, Melbourne, Australia.
124. Vardoulakis S., 2012. The first UK Climate Change Risk Assessment. NSW Ministry of Health. 4 May 2012, Sydney, Australia (*invited seminar*)
125. Vardoulakis S., 2012. UK Climate Change Risk Assessment. Centre for Environment and Population Health, Griffith University, 12 April 2012, Brisbane, Australia (*invited seminar*)
126. Vardoulakis S., 2012. The first UK Climate Change Risk Assessment – findings and lessons learned for the health sector. NCCARF Human Health Adaptation Research Network. 12/19 April 2012, Brisbane/Canberra, Australia (*invited seminars*)
127. Ochieng C., Tonne C., Vardoulakis S., 2012. Assessing the suitability of carbon monoxide as a surrogate of PM2.5 concentrations in households using biomass fuel in Kenya. 7th International Conference on the Science of Exposure Assessment, Royal College of Physicians, 2-5 July 2012, Edinburgh, UK.
128. Matan A., Trubka R., Newman P., Vardoulakis S., 2012. Review of public health and productivity benefits from different urban transport and related land use options in Australia. Healthy Cities, 6-8 June 2012, Geelong, Australia.
129. Vardoulakis S., Solazzo E., Lumbreras J., Cai X., 2012. A combined monitoring and modelling approach for assessing multi-pollutant exposure in urban streets: highlights from a field study in Birmingham (UK). 8th International Conference on Air Quality - Science and Application, Athens, 19-23 March 2012.
130. Ochieng C., Vardoulakis S., Tonne C., 2012. Assessment of indoor concentrations and personal exposure to carbon monoxide from improved and traditional wood stoves in rural Kenya. 8th International Conference on Air Quality - Science and Application, Athens, 19-23 March 2012.
131. Solazzo E., Vardoulakis S., Cai X., 2012. A methodology for interpreting air quality measurements from urban streets using CFD modelling. 8th International Conference on Air Quality - Science and Application, Athens, 19-23 March 2012.
132. Vardoulakis S., Dear K., Hajat S., Heaviside C., Kovats S., Capon A.G., 2011. Comparative assessment of health impacts due to heat and cold in the UK and Australia under a changing climate. 19th International Congress of Biometeorology, 4-8 December, Auckland, New Zealand.
133. Vardoulakis S., 2011. Protecting public health through environmental interventions in urban areas. Curtin University Sustainability Policy Institute, 29 September 2011, Fremantle, Australia (*invited seminar*)
134. Vardoulakis S., 2011. Protecting Public Health through Environmental Interventions. National Centre for Epidemiology & Population Health, Australian National University, 3 November 2011, Canberra, Australia

135. Milner J., Wilkinson P., Armstrong B., Chalabi Z., Vardoulakis S., Davies M., 2011. Assessing health impacts of changes in indoor particle concentrations from changes in energy efficiency: methodological considerations. 23rd ISEE Congress, 13-16 September, Barcelona, Spain.
136. Milner J., Chalabi Z., Wilkinson P., Vardoulakis S., Davies M., 2011. A multistate life table model including disease recovery for assessing the health impacts of chronic environmental exposures. 23rd ISEE Congress, 13-16 September, Barcelona, Spain.
137. Heaviside C., Vardoulakis S., Cai X., 2011. The effect of land type and urban fraction on surface temperatures and heat exposure across and downwind of cities: A regional modelling study of the Urban Heat Island effect in West Midlands. Health Protection 2011, 13-14 Sept, University of Warwick, UK.
138. Grynszpan D., Murray V., Kreis I., Morgan D., Zenner D., Vardoulakis S., et al. 2011. Impacts of UK health priorities of climate change overseas. Health Protection 2011, 13-14 September, Warwick, UK.
139. Vardoulakis S., 2010. Climate change – what are the risks for public health in the UK? Health Protection Conference 2010. 14-15 September, University of Warwick, UK.
140. Vardoulakis S., Cleall P.J., Sinnott D., Chen Q., Tiwary A., Li Y-C., et al. 2009. Assessment of health and ecological impact of policy on a legacy contamination case study. 21st ISEE Conference on Food, Environment and Global Health, 25-29 August 2009, University College Dublin, Ireland.
141. Cleall P.J., Jones M.J., Thomas H.R.,... Vardoulakis S., et al. 2009. Development of a software based decision support platform for assessing the impacts of urban pollutants. 21st ISEE Conference on Food, Environment and Global Health, 25-29 August 2009, UCD, Ireland.
142. Vardoulakis S., et al. 2009. Air quality and health impact assessment of a traffic management intervention in Birmingham. Int. Conference on Air Quality - Science and Application, 24-27 March, Istanbul, Turkey.
143. Kassomenos P., Vardoulakis S., Borge R., et al. 2009. Sources influencing PM10 and PM2.5 levels in three European cities – implications for population exposure. Int. Conference on Air Quality - Science and Application, 24-27 March, Istanbul, Turkey.
144. Solazzo E., Vardoulakis S., Cai X., 2009. Evaluation of a CFD model using passive sampling in an urban street canyon. 7th Int. Conference on Air Quality - Science & Application, 24-27 March, Istanbul, Turkey.
145. Vardoulakis S., 2008. The health impact of environmental interventions. “Live Longer and Better” Conference, 22th August 2008, Bogotá, Colombia (*Invited keynote speaker*)
146. Vardoulakis S., 2008. An overview of indoor air quality and impact on human health. EU Environment and Health Action Plan Workshop. European Parliament, Brussels, 6th March 2008. (*Invited talk*)
147. Vardoulakis S., Jovsevic-Stojanovic M., Vermande E., et al. 2008. Assessing aggregate human exposure to toluene in Europe. Joint ISEE-ISEA Conference, October 12-16, Pasadena, California USA.
148. Asikainen A., ...Vardoulakis S., Jantunen M., 2008. Effect of regulative European policies to the level of DBP exposure through consumer products. Joint ISEE-ISEA Conference, October 12-16, Pasadena, USA.
149. Saborit J.M.D., Aquilina N., Baker S.,... Vardoulakis S., Harrison R.M., 2008. Measurement and Modelling of Exposure to Air Toxic Concentrations for Health Effect Studies and Verification by Biomarker (MATCH Study). Joint ISEE-ISEA Conference, October 12-16, Pasadena, California USA.
150. Solazzo E., Cai X.-M., Vardoulakis S., 2008. Modelling the driving mechanisms of pollutant dispersion in urban street canyons. European Geosciences Union General Assembly, 13-18 April, Vienna, Austria.
151. Vardoulakis S., et al. 2007. Population exposure to Polycyclic Aromatic Hydrocarbons from road traffic: Modelled impact and uncertainty. Health Protection 2007. 17-19 September, University of Warwick, UK.
152. Vermande E., van Engelen J., Schuur G., Delmaar C., Burg W., Grellier J., Vardoulakis S., et al., 2007. Aggregate human exposure to chemicals from normal use of consumer products. 17th Conference of the International Association of Exposure Analysis, 14-18 October, Durham NC, USA.
153. Pettit C., Azapagic A., Tiwary A.,... Vardoulakis S., et al. 2007. More Sustainable Management of Pollution: Integrated Approach, Models and Tools. SUE-MoT International Conference on Whole Life Urban Sustainability and its Assessment, 27-29 June, Glasgow, UK.
154. Kassomenos P., Papaloukas C., Vardoulakis S. 2007. Comparison of hierarchical, non-hierarchical and neural network clustering techniques for the classification of atmospheric back trajectories. Conference on Harmonisation in Atmospheric Dispersion Modelling for Regulatory Purposes, 2-5 July, Cambridge, UK.

155. Solazzo E., Vardoulakis S., Cai X., 2007. Traffic producing turbulence schemes within operational street pollution models: Evaluation using roadside measurements. 11th Int. Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, 2-5 July, Cambridge, UK.
156. Solazzo E., Cai X., Vardoulakis S., 2007. Evaluation of the traffic producing turbulence within a modelled street canyon using computational fluid dynamics. 11th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, 2-5 July, Cambridge, UK.
157. Favale G., Murena F., Vardoulakis S., Solazzo E., 2007. Pollutant dispersion in deep street canyons – comparison between CFD and operational model simulations. 11th Int. Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, 2-5 July, Cambridge, UK.
158. Vardoulakis S., 2007. Pollutant Exposure on Upper Floors, and Implications for Air Quality Management Areas. 42nd Investigation of Air Pollution Standing Conference, 5th June 2007, Sheffield, UK.
159. Vardoulakis S., et al. 2007. Sampling survey of traffic pollutants in Birmingham (UK): Evaluation of NO₂, NO_x, O₃ and BTEX diffusion tubes. 6th Int. Conference on Urban Air Quality, 27-29 March, Cyprus.
160. Vardoulakis S., 2006. Technical University of Madrid, School of Industrial Engineering, 14th December, Madrid, Spain. (*Invited lecture*)
161. Brennan M., Vardoulakis S., Harrison R.M., et al. 2006. Indoor Air Pollution: Developing the Evidence base for Risk Assessment. 9th World Congress on Environmental Health, 18-23 June, Dublin, Eire.
162. Dimitrova R., Richards K., Weeks M., Vardoulakis S., et al. 2006. Evaluation of the wind field around buildings – numerical modelling study. 6th Int. Conf. Urban Climate, June 12-16, Göteborg, Sweden.
163. Vardoulakis S., 2006. Monitoring and modelling air pollution in street canyons. Chemical Engineering Department, University of Naples “Federico II”, 6th April, Naples, Italy. (*Invited lecture*)
164. Harrison R.M., Vardoulakis S., Harrad S., et al. 2005. Measurement and modelling of exposure to air toxic concentrations for health effect studies: MATCH. Forest Fire Net workshop, 12-13 Dec, Paris, France.
165. Vardoulakis S., ApSimon H., Valiantis M., Milner J., Ellis T., 2005. Regulatory modelling for assessing air quality in street canyons in the UK - Current practice and future needs. 10th Int. Conference Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, 17-20 Oct, Crete, Greece.
166. Vardoulakis S., Dimitrova R., Richards K., et al. 2005. Numerical model inter-comparison for a single block building within ATREUS. 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, 17-20 October, Crete, Greece.
167. Vardoulakis S., Kassomenos P., 2005. Comparison of factors influencing PM10 levels in Athens (Greece) and Birmingham (UK), 5th International Conference on Urban Air Quality, 29-31 March, Valencia, Spain.
168. Harrison R.M., Harrad S., Vardoulakis S., et al. 2005. Measurement and modelling of exposure to air toxic concentrations for health effect studies (MATCH). Ninth Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research, 20–21 April, Leicester, UK.
169. Vardoulakis S., 2005. Air Pollution and Environmental Modelling. University of Athens, School of Chemical Engineering, 25th October, Athens, Greece. (*Invited lecture*)
170. Aquilina N., Harrison R.M, Harrad S., Vardoulakis S., et al. 2005. The use of a urinary biomarker in the validation of a personal exposure model. Chronic & Diffuse Pollution, SETAC UK Branch Conference, 5-6 September, University of Newcastle, UK.
171. Harrison R.M., Harrad S., Vardoulakis S., et al. 2005. Measurement and modelling of exposure to air toxics and verification by biomarker. Health Effects Institute Conference, 17-19 April, Baltimore, USA.
172. Vardoulakis S., Dimitrova R., Camilleri G., et al. 2004. Inter-comparison of CFD models within ATREUS: Single building configuration, ERCOFTAC workshop, 9-10 September, Nottingham, UK.
173. Vardoulakis S., Bartlett T., Fisher B.E.A., Delmas V., Deacon A., 2003. Regional strategies and cross-border co-operation to control ozone pollution. 14th IUAPPA Int. Conference: Air Quality Assessment & Policy at Local, Regional & Global Scales, 6-10 October, Dubrovnik, Croatia.
174. Bartlett T., Vardoulakis S., Williamson T., 2003. A practical perspective on local air quality management in the UK. 14th IUAPPA Int. Conference: Air Quality Assessment & Policy at Local, Regional & Global Scales, 6-10 October, Dubrovnik, Croatia.

175. Vardoulakis S., 2003. Modelling Air Quality in Urban Canyons. Urban air quality modelling seminar hosted by Air Pollution Research in London (APRIL) in collaboration with the NERC Centres for Atmospheric Science, 4 March 2003, Imperial College London, UK. (*Invited lecture*)
176. Vardoulakis S., 2003. Air Quality across Sussex – Updating and Screening Assessment. Seminar “Air Quality in Sussex – The Emerging Picture” organised by the Sussex Air Quality Steering Group, 18 September 2003, University of Brighton, UK.
177. Vardoulakis S., 2003. Air Quality in Sussex. Seminar “Environment Matters” organised by the West Sussex County Council, 1 April 2003, Chichester, UK.
178. Vardoulakis S., Gonzalez-Flesca N., Fisher B.E.A., Pericleous K., 2003. Small-scale spatial variability of air pollution in a complex roadside environment: Representativeness of monitoring data. 4th International Conference on Urban Air Quality, 25-27 March, Prague, Czech Republic.
179. Vardoulakis S., Fisher B., Gonzalez-Flesca N., Pericleous K., 2001. Estimates of uncertainty in urban air quality model predictions. 25th NATO/CCMS International Technical Meeting on Air Pollution and its Application, 15-19 October, Louvain-la-Neuve, Belgium.
180. Vardoulakis S., Gonzalez-Flesca N., Fisher B., Pericleous K., 2001. Diffusive sampling for the validation of urban dispersion models. International Conference Measuring Air Pollutants by Diffusive Sampling, 26-28 September, Montpellier, France.
181. Gonzalez-Flesca N., Vardoulakis S., Cicolella A., 2001. Assessment of BTX concentrations near a petrol station using passive samplers. International Conference Measuring Air Pollutants by Diffusive Sampling, 26-28 September, Montpellier, France.
182. Vardoulakis S., 2000. Monitoring and modelling techniques for Parisian street canyons. Workshop of the Dispersion Model User’s Group (DMUG) organised by the National Society for Clean Air and Environmental Protection, 23 November 2000, London, UK. (*Invited lecture*)
183. Vardoulakis S., Gonzalez-Flesca N., Fisher B., 2000. Air quality monitoring & modelling techniques for street canyons: The Paris experience. 8th Int. Conf. on Air Pollution, 24-26 July, Cambridge, UK, 503-513.