

Christina Kalogeri, Ph.D.

Email: ckalogeri@hua.gr | Athens, Greece

Summary

Christina Kalogeri holds a Bachelor's degree in Physics (NKUA), a Master's degree in Environmental Physics (NKUA), and a PhD (NKUA-2017) focused on air-sea interactions in relation to offshore renewable energy. She has more than 15 years of experience in numerical weather prediction, atmospheric and marine modeling, and operational environmental forecasting. She has participated in 12 research projects funded by the European Union, Greece, and Cyprus. Her published work includes 18 articles in peer-reviewed international journals (h-index 10, >600 citations), as well as more than 30 contributions in conference proceedings and poster presentations, and she has also contributed to a book on the climatology of desert dust in Saudi Arabia.

Since 2008, she has been involved in the operational operation and management of the SKIRON/dust atmospheric model (<https://forecast.uoa.gr>) and the WAM wave model within the Atmospheric Modeling and Weather Forecasting Group (AM&WFG) of the National and Kapodistrian University of Athens (NKUA). Since September 2018, she has been the lead responsible for their operational use and development. Her research interests include numerical weather/wave and dust forecasting, air-sea interaction, renewable energy in relation to meteorology, urban/coastal modeling, and climate change. She has also delivered hands-on training and advanced courses in numerical wave and dust modeling for staff of international meteorological agencies, including the Qatar Meteorology Department and the National Center of Meteorology of Saudi Arabia, in support of the installation and adaptation of operational forecasting systems. During 2020–2023, she co-lectured the course “Applied Energy Design” in the MSc Programme in Environment of the Department of Physics at NKUA, focusing on Renewable Energy Sources. In the 2024 and 2025, she served as lecturer of the undergraduate course “Renewable Energy Sources” in the Department of Geography at Harokopio University of Athens.

Key Achievements

- Led operational implementation of advanced forecasting systems (SKIRON, WAM/UOA, WASSF) deployed across Europe and the Middle East.
- Delivered technical training to meteorological personnel in Saudi Arabia and Qatar on NWP, dust and wave modeling systems.
- Contributed to high-profile international projects funded by Saudi Aramco, Qatar Civil Aviation Authority and the National Center for Meteorology (NCM), Saudi Arabia.
- Participated in the development of a 30-year climatic database for Saudi Arabia to support industrial and environmental planning.
- Published 18 peer-reviewed papers, 25+ conference papers and two book chapters in the fields of meteorology, dust and aerosol modeling, renewable energy and urban modeling.
- Lecturer in undergraduate and postgraduate courses on renewable energy, meteorology and environmental hazards at University of Athens (NKUA) and Harokopio University (HUA).

Core Competencies

- **Climate & Energy Modeling:** Regional climate simulations, renewable energy resource assessments, study of multidecade environmental datasets, air-sea interaction modeling, desert dust modeling, urban climate studies.
- **Quantitative Analysis:** Scenario-based modeling, statistical evaluation, uncertainty quantification, big-data handling (NetCDF, GRIB, HDF).
- **Programming & Tools:** Python, R, MATLAB, Fortran, Shell scripting, NCL, several data visualization programs.
- **Numerical Models:** WRF (atmosphere), SKIRON (atmosphere and dust), RAMS (atmosphere), CAMx (air quality), WAM, SWAN (wave), CHAOS (coupled air-sea interaction system).
- **Communication:** Technical reports, peer-reviewed publications (18), project deliverables and training/lectures for stakeholders.

Education

- **PhD**, Atmospheric Sciences - National and Kapodistrian University of Athens, 2017
 - Thesis title: Offshore wind and wave energy resource characterization: An integrated approach for combined exploitation
- **MSc.**, Environmental Physics, National and Kapodistrian University of Athens, 2010
- **BSc.**, Physics - National and Kapodistrian University of Athens, 2008

Languages

- English (Certificate of Proficiency, Michigan)
- Greek (Native)

Scientific Interests

- Numerical Weather and Wave Modeling
- Operational Forecasting Systems for research and Industry
- AI-assisted Weather and Climate Prediction
- Renewable Energy and Environmental Analytics
- Urban Climate Resilience and Nature-Based Solutions
- Climate change and Hazards (Coastal Flooding, Flash Floods etc.)

Professional and Research Experience

Project: *Sand and Dust Storm Early Warning System for the Middle East – NCM, Saudi Arabia*

- Implemented the regional dust prediction system (SKIRON) to support the WMO Regional Node for GCC countries and the Middle East.
- Provided on-site training for NCM personnel in model operation and data analysis.

Funding: National Center for Meteorology (NCM), Saudi Arabia.

Project: *Forecast System for the National Center for Meteorology (NCM) – Saudi Arabia*

- Developed an integrated weather and sea-state forecast system for Saudi Arabia.

Funding: National Center for Meteorology (NCM), Saudi Arabia.

Project: *Saudi Arabia Climatic Database – Saudi Aramco*

- Participated in the development of a 30-year high-resolution meteorological and dust climatology database.
- Supported engineering and environmental applications through long-term statistical analysis.

Funding: Saudi Aramco

Project: *NWP & HPC Project – Qatar Civil Aviation Authority (QCAA), Meteorology Department*

- Developed an integrated weather, dust and sea-state forecasting system for Qatar.
- Delivered training sessions on system operation and model configuration.

Funding: Qatar Civil Aviation Authority (QCAA), Meteorology Department

Project: *ENI Marine Forecasts – ENI Italy*

- Responsible for the operational setup of weather forecasts for 18 locations worldwide.

Funding: ENI Oil Company S.p.A, Italy

Project: *Weather Analysis and Sea State Forecast System (WASSF II) – Saudi Aramco*

- Participated in the upgrade and operational deployment of the WASSF II system, providing 7-day forecasts of weather, dust, fog, flood, wave and ocean currents.
- Designed statistical verification tools and coordinated daily product delivery.
- Delivered training and technical support to operational staff.

Funding: Saudi Aramco

Project: *Sand and Dust Storm Early Warning System for the Middle East – NCM, Saudi Arabia*

- Implemented the regional dust prediction system (SKIRON) to support the WMO Regional Node for GCC countries and the Middle East.
- Provided on-site training for NCM personnel in model operation and data analysis.

Funding: National Center for Meteorology (NCM), Saudi Arabia. The project implemented by Weather and Marine Engineering Technologies P.C. as a subcontractor of Lenovo Group Ltd.

Project: *Forecast System for the National Center for Meteorology (NCM) – Saudi Arabia*

- Developed an integrated weather and sea-state forecast system for Saudi Arabia.

Funding: National Center for Meteorology (NCM), Saudi Arabia. The project implemented by Weather and Marine Engineering Technologies P.C. as a subcontractor of Lenovo Group Ltd.

Project: *Saudi Arabia Climatic Database – Saudi Aramco*

- Participated in the development of a 30-year high-resolution meteorological and dust climatology database.
- Supported engineering and environmental applications through long-term statistical analysis.

Funding: Saudi Aramco

Project: *NWP & HPC Project – Qatar Civil Aviation Authority (QCAA), Meteorology Department*

- Developed an integrated weather, dust and sea-state forecasting system for Qatar.
- Delivered training sessions on system operation and model configuration.

Funding: Qatar Civil Aviation Authority (QCAA), Meteorology Department

Project: *ENI Marine Forecasts – ENI Italy*

- Responsible for the operational setup of weather forecasts for 18 locations worldwide.

Funding: ENI Oil Company S.p.A, Italy

National and Kapodistrian University of Athens (NKUA)

Research Associate – Atmospheric Modeling & Weather Forecasting Group (AM&WFG) | 2008 – Present

- Responsible for operational forecasting systems: SKIRON (NWP), SKIRON/dust, WAM (wave) and CAMx (air quality).
- Contributed to numerous EU and national projects on environmental forecasting and renewable energy.

- Developed high-resolution datasets and validation tools for offshore wind and wave energy assessment.
 - Led the implementation and optimization of numerical systems used for both research and operational forecasting.
- Selected Projects:
- MARINA Platform (FP7): Developed a 10-year high-resolution wind-wave dataset for offshore renewable energy across Europe.
 - IRPWIND (FP7): Participated in integrated wind energy research program with 24 European partners.
 - E-Wave (Cyprus RPF): Designed a monitoring and assessment system for Eastern Mediterranean wave energy resources.

Harokopio University of Athens – Department of Geography

Research Associate / Lecturer | 2022 – Present

- Project: NESTOR (Nature-Based Solutions for Urban Heat Mitigation).
- Lecturer in undergraduate course “Renewable Energy Sources” (2023–2025).
- Delivered lectures on environmental hazards and desert dust impacts (Master’s program).

Academy of Athens–Research Centre for Atmospheric Physics and Climatology

Research Associate | 2023 – 2025

- Project: MegDETH – Mineralogy of Dust Emissions and Environmental Health Impacts.
Funding: Hellenic Foundation for Research and Innovation (HFRI).
- Project: Development of a Digital National Climate Data and Simulation Database at High Downscaling Resolution for the Protected Areas of Greece (code 200/1062) using WRF.
Funding: Natural Environment & Climate Change Agency (N.E.C.C.A.)

Technological Educational Institute of Athens

Research Associate | 2013 – 2014

- Project: Archimedes III–Development of Numerical and Computational Methods for Differential Equations with Applications in Environmental Issues.
Funding: European Union (EPEAEK) and Greek Ministry of Education

Hellenic Naval Academy

Research Associate | 2013 – 2014

- Project: MOSEP–Monitoring the Wind and Sea Wave Energy Potential in the Eastern Mediterranean.

Funding: General Secretariat for Research and Technology of Greece; hosted by the Hellenic Naval Academy and Oceanography Center of Cyprus

Innovative Technologies Center S.A.

Research Associate – Contractor | 2013 – 2014

- Participated in the development of WASSF I for Saudi Aramco, the first phase of the operational forecast system later upgraded to WASSF II.

Funding: Saudi Aramco

Institute of Accelerating Systems and Applications (IASA)

Research Associate | 2011

- Project: ANEMOS PLUS–Advanced Forecasting for Wind Energy Integration.
- Developed methods to integrate forecast uncertainty into operational decision tools.

Funding: European Union FP6 – Sustainable Energy Systems (continuation of FP5 ANEMOS)

The Cyprus Institute

Research Fellow | 2009 – 2011

- Project: CIMME–Climate Change and Impacts in the Eastern Mediterranean and Middle East.
- Constructed the Wind Atlas of Cyprus for renewable energy and climate adaptation studies.

Funding: National Research Program on Climate Change and Impacts in the EMME Region

Publications in Peer-Reviewed Journals

1. Pappa, A., Kalogiros, J., Tombrou, M., Spyrou, C., Anagnostou, M.N., Varlas, G., **Kalogeri, C.** and Katsafados, P., 2025. Assessing the Impact of Assimilated Remote Sensing Retrievals of Precipitation on Nowcasting a Rainfall Event in Attica, Greece. *Hydrology*, 12(8), p.198.
2. Solomos, S., Spyrou, C., Barreto, A., Rodríguez, S., González, Y., Neophytou, M.K., Mouzourides, P., Bartsotas, N.S., **Kalogeri, C.**, Nickovic, S. and Vukovic Vimic, A., 2023. The Development of METAL-WRF Regional Model for the Description of Dust Mineralogy in the Atmosphere. *Atmosphere*, 14(11), p.1615.
3. Patlakas, P., Stathopoulos, C., **Kalogeri, C.**, Vervatis, V., Karagiorgos, J., Chaniotis, I., Kallos, A., Ghulam, A.S., Al-omary, M.A., Papageorgiou, I. and Diamantis, D., 2023. The Development and Operational Use of an Integrated Numerical Weather Prediction System in the National Center for Meteorology of the Kingdom of Saudi Arabia. *Weather and Forecasting*, 38(11), pp.2289-2319.
4. Oikonomou, C.L.G., Gradowski, M., **Kalogeri, C.**, Sarmiento, A.J.N.A. On defining storm intervals: Extreme wave analysis using extremal index inferencing of the run length parameter (2020) *Ocean Engineering*, 217.
5. Buscemi, A., Lo Brano, V., Chiaruzzi, C., Ciulla, G., **Kalogeri, C.** A validated energy model of a solar dish-Stirling system considering the cleanliness of mirrors (2020) *Applied Energy*, 260.
6. **Kalogeri C.**, Lekas TI, Kallos G. Assessing the availability of seaplane operations in the Aegean Sea. *Aeron Aero Open Access J.* 2019,3(2):76-82.
7. Patlakas, P., Stathopoulos, C., Flocas, H., **Kalogeri, C.**, Kallos, G. Regional Climatic Features of the Arabian Peninsula. *Atmosphere* 2019, 10, 220.
8. **Kalogeri, C.**, Galanis, G., Spyrou, C., Diamantis, D., Baladima, F., Koukoula, M., Kallos, G. Assessing the European offshore wind and wave energy resource for combined exploitation (2017) *Renewable Energy*, 101, pp. 244-264.
9. Liakatas, A., Galanis, G., Kalogeri, C., Kallos, G. Wave power estimation by means of spectral wave models and satellite records (2017) *Journal of Operational Oceanography*, 10 (1), pp. 93-113.
10. Emmanouil, G., Galanis, G., **Kalogeri, C.**, Zodiatis, G., Kallos, G. 10-year high resolution study of wind, sea waves and wave energy assessment in the Greek offshore areas (2016) *Renewable Energy*, 90, pp. 399-419.
11. Cradden, L., **Kalogeri, C.**, Barrios, I.M., Galanis, G., Ingram, D., Kallos, G. Multi-criteria site selection for offshore renewable energy platforms (2016) *Renewable Energy*, 87, pp. 791-806.
12. Zodiatis, G., Galanis, G., Kallos, G., Nikolaidis, A., **Kalogeri, C.**, Liakatas, A., Stylianou, S. The impact of sea surface currents in wave power potential modeling (2015) *Ocean Dynamics*, 65 (11), pp. 1547-1565.
13. Larsén, X.G., **Kalogeri, C.**, Galanis, G., Kallos, G. A statistical methodology for the estimation of extreme wave conditions for offshore renewable applications (2015) *Renewable Energy*, 80, pp. 205-218.
14. Edwards, E.C., Cradden, L.C., Ingram, D.M., **Kalogeri, C.** Verification within wave resource assessments. Part 1: Statistical analysis (2014) *International Journal of Marine Energy*, 8, pp. 50-69.
15. Edwards, E.C., Cradden, L.C., Ingram, D.M., **Kalogeri, C.** Verification within wave resource assessments. Part 2: Systematic trends in the fit of spectral values (2014) *International Journal of Marine Energy*, 8, pp. 70-83.
16. Kallos, G., Solomos, S., Kushta, J., Mitsakou, C., Spyrou, C., Bartsotas, N., **Kalogeri, C.** Natural and anthropogenic aerosols in the Eastern Mediterranean and Middle East: Possible impacts (2014) *Science of the Total Environment*, 488-489 (1), pp. 389-397.

17. Zodiatis, G., Galanis, G., Nikolaidis, A., **Kalogeri, C.**, Hayes, D., Georgiou, G.C., Chu, P.C., Kallos, G. Wave energy potential in the Eastern Mediterranean Levantine Basin. An integrated 10-year study (2014) *Renewable Energy*, 69, pp. 311-323.
18. Spyrou, C., Kallos, G., Mitsakou, C., Athanasiadis, P., **Kalogeri, C.**, Iacono, M.J. Modeling the radiative effects of desert dust on weather and regional climate (2013) *Atmospheric Chemistry and Physics*, 13 (11), pp. 5489-5504.

Conference Proceedings and presentations

1. **Kalogeri, C.**, Koukoula, M., Saviolakis, P.M., Batsios, P., Spyrou, C. and Katsafados, P., 2025. Assessing Urban Greening Strategies to Mitigate Heatwave Impacts in Greater Athens Metropolitan Area, Greece. *Environmental and Earth Sciences Proceedings*, 35(1), p.32.
2. Solomos, S., Mitsakou, C., Thompson, S., Macintyre, H., Exley, K., Aldridge, S., Zerefos, C., Bartsotas, N.S., **Kalogeri, C.** and Spyrou, C., 2024, April. Investigation of the mineralogical composition of desert dust particles during a transboundary pollution episode in the UK and implications for health effects. In *EGU General Assembly Conference Abstracts* (p. 1827).
3. **Kalogeri, C.**, Spyrou, C., Koukoula, M., Saviolakis, P. M., Pappa, A., Loupis, M., Masouras C. and Katsafados, P. (2023). Modeling the Impact of the Green Roofs as a Nature-Based Solution to Mitigate the Urban Heat Island Effects over Attica, Greece. *Environmental Sciences Proceedings*, 26(1), 174.
4. Zodiatis, G., Liubartseva, S., Loizides, L., Pellegatta, M., Coppini, G., Lardner, R., Kallos, G., **Kalogeri, C.**, Bonarelli, R., Neves, A.A.S. and Nikolaidis, P., 2021, May. CMEMS and CYCOFOS assessing the pollution risk from the Leviathan offshore platform in the Eastern Mediterranean Sea. In *9th EuroGOOS International conference* (pp. 169-177).
5. **Kalogeri C.**, Rizou D. and Kallos G. "Use of advanced numerical models and statistical tools to identify the different spatio-temporal characteristics of offshore wind and wave energy resource". International Conference on Computational Science, Faro, Portugal, 12-14 June 2019.
6. **Kalogeri C.**, Rizou D. and Kallos G. Identifying the different spatio-temporal characteristics of offshore wind and wave energy resource for delivering a more stable power output onto the electric grid", EGU General Assembly 2018, Vienna, Austria, 7-12 April, 2019.
7. Oikonomou C., Gradowski M. and **Kalogeri C.** "Location dependence of extreme wave analysis using runs de-clustering via extremal index estimation". RENEW 2018, Lisbon, Portugal 8-10 October 2018.
8. Patlakas, P., Galanis, G., Péray, M., Filipot, J.F., **Kalogeri, C.**, Spyrou, C., Diamantis, D. and Kallos, G. "An Integrated Methodology on the Suitability of Offshore Sites for Wind Farm Development". EGU General Assembly 2016, Vienna, Austria, 17-22 April, 2016.
9. Kallos, G., Galanis, G., **Kalogeri, C.**, Patlakas, P., Stathopoulos, C. and Liakatas, A. "The European offshore wind and wave energy resource analysis – Combined exploitation - Analysis of extremes". Brazilian Symposium on Water Waves, Federal University of Rio de Janeiro, Brazil, 14-16 March, 2016
10. George Emmanouil, George Galanis, George kallos, George Zodiatis, **Christina Kalogeri**, Wind-Wave energy potential over Greek Seas, offshore EWEA 2015, Copenhagen, Denmark, 10-12 March 2015.
11. Kallos G, Galanis G., **Kalogeri C.**, Barranger N., Patlakas P. Advanced atmospheric modeling for engineering applications, International Symposium on Computational Wind Engineering, CWE 2014, Hamburg, Germany, 8-12 June 2014.

12. **Christina Kalogeri**, George Galanis and George Kallos, Forecasting maximum wave height at selected sites based on high resolution hindcast modeling and local adaptation techniques, EGU General Assembly 2014, Vienna, Austria, 27 – 2May 2014.
13. George Galanis, Ioannis Famelis and **Christina Kalogeri**: Optimization of Numerical Weather/Wave Prediction Models based on Information Geometry and Computational Techniques, ICCMSE 2014, Athens, Greece, 4–7 April 2014.
14. George Kallos, George Galanis, Christos Stathopoulos, **Christina Kalogeri** and Nicolas Barranger, Operational wind power forecasting systems based on physical and statistical models, EWEA 2014, Barcelona, 10-13 March 2014.
15. Emmanouil, G. Galanis, G.; Zodiatis, G. **Kalogeri, C.**, Estimation and Monitoring of Wind-Wave energy potential over the Greek seas, American Geophysical Union, Fall Meeting 2013, San Francisco 9-13 December 2013.
16. Mihaela Mircea, Gino Briganti, Antonella Malaguti, Sandro Finardi , Camillo Silibello, Christos Spyrou, **Christina Kalogeri**, George Kallos and Gabriele Zanin : Modelling of Saharan dust transport to the Southern Italy, 7th International Workshop on Sand/Duststorms and Associated Dustfall, Frascati (Rome), Italy, 2-4 December 2013.
17. George Galanis, George Emmanouil, **Christina Kalogeri** and George Kallos, Mathematical and physical models for the estimation of wind-wave power potential in the Eastern Mediterranean Sea, IAMG 2013, Madrid, 2-6 September 2013.
18. Jumaan Al Qahtani, Elyas Alaa, George Kallos, George Galanis, Sarantis Sofianos, Christina Mitsakou, Christos Spyrou, **Christina Kalogeri**, Nikolaos Bartsotas, John Athanaselis, Vassilios Vervatis, Stavros Solomos, Panagiotis Axaopoulos, Daniel W. Beard, Ioannis Alexiou, An integrated weather and sea-state forecasting system for the Arabian Peninsula (WASSF), International Technical Meeting of Air Pollution Modelling and its Application (ITM) 2013, Miami, Florida 26-30 August 2013.
19. George Galanis, Ioannis Famelis, **Christina Kalogeri** and George Kallos, Numerical and Geometric Optimization Techniques for Environmental Prediction Systems, SIAM Conference on Mathematical and Computational Issues in the Geosciences, Padova, Italy, 2013.
20. George Zodiatis, George Galanis, **Christina Kalogeri**, Andreas Nikolaidis, Dan Hayes, George Georgiou, Peter C. Chu, and George Kallos, Monitor and Forecasting the wave energy potential in the eastern Mediterranean sea, International Conference “Fluxes and Structures in Fluids”, Saint Petersburg, Russia, June 2013.
21. George Kallos, George Galanis, **Christina Kalogeri** and Xiaoli Guo Larsen, Novel Atmospheric and Sea State Modeling in Ocean Energy Applications, EGU General Assembly 2013, Vienna, Austria, 7 – 12April 2013.
22. George Kallos, George Galanis, Christos Spyrou, Christina Mitsakou, Stavros Solomos, Nikolaos Bartsotas, **Christina Kalogeri**, Ioannis Athanaselis, Sarantis Sofianos, Vassilios Vervatis, Panagiotis Axaopoulos, Alexandros Papapostolou, Jumaan Al Qahtani, Elyas Alaa, Ioannis Alexiou, and Daniel Beard, An integrated weather and sea-state forecasting system for the Arabian Peninsula (WASSF), Vienna, Austria, 7 – 12April 2013.
23. George Zodiatis, George Galanis, George Galanis, George Emmanouil, George Emmanouil, Dan Hayes, Andreas Nikolaidis, Georgios Georgiou, **Christina Kalogeri**, and George Kallos, Estimation and Monitoring of Wind/Wave energy potential in the Eastern Mediterranean Sea, Vienna, Austria, 7 – 12April 2013.

24. G. Kallos, S. Solomos, J. Kushta, C. Spyrou, **C. Kalogeri**, 2012: Natural And Anthropogenic Aerosols in the Mediterranean Region and Middle East: Patterns and Impacts, Air Quality Management at Urban, Regional and Global Scales 4th International Symposium and IUAPPA Regional Conference, 10 – 13 September 2012, Istanbul Technical University, Istanbul – Turkey.
25. Lucy Cradden, **Christina Kalogeri**, Christos Spyrou, Alexandros Adam, Christos Stathopoulos, George Galanis, Sarantis Sofianos, David Ingram, George Kallos, Alexandros Papapostolou, Panagiotis Axaopoulos, A combined resource atlas for marine energy, 4th International Conference on Ocean Energy, 2012, Dublin, Ireland.
26. George Kallos, **Christina Kalogeri**, Alexandros Adam, George Galanis, Evaluation of High Resolution Wave Simulations with SAR-Observations and Estimation of the Wave Power Potential Spatiotemporal Distribution, SEASAR 2012, The 4th International Workshop on Advances in SAR Oceanography, 18-22 June 2012, Tromso, Norway.
27. Galanis G., Zodiatis G., Hayes D., Nikolaidis A., Georgiou G., Stylianos S., Kallos G., **Kalogeri C.**, Chu P.C., Charalambous A., Savvidou K., Michaelides S. : Numerical wave modeling and wave energy estimation, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May – 1 June 2012.
28. Spyrou C., Kallos G., Mitsakou C., Athanasiadis P. & Kalogeri C., 2012: The Effects of Naturally Produced Particles on Radiative Transfer, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May – 1 June 2012.
29. G. Kallos, G. Galanis, C. Spyrou, C. Kalogeri, A. Adam, and P. Athanasiadis, 2012: Offshore Energy Mapping for Northeast Atlantic and Mediterranean: MARINA PLATFORM project, EGU General Assembly 2012, Vienna, Austria, 22 – 27 April 2012.
30. G. Galanis, G. Zodiatis, D. Hayes, A. Nikolaidis, C. Kalogeri, A. Adam, G. Kallos and G. Georgiou, 2012: Near Shore Wave modeling and applications to wave energy estimation, EGU General Assembly 2012, Vienna, Austria, 22 – 27 April 2012.
31. C. Spyrou, G. Kallos, C. Mitsakou and C. Kalogeri, 2011: Radiative effects of desert dust on weather and climate, 6th International Workshop On Sand/Duststorms And Associated Dustfall, 7-9 September 2011, Athens, Greece.
32. Kallos G., P. J. Athanasiadis, G. Galanis, C. Mitsakou, S. Sofianos, G. A. Athanassoulis, C. Spyrou, and C. Kalogeri 2011: Energy resource mapping in the framework of the MARINA PLATFORM project, EGU General Assembly 2011, Vienna, Austria, 3-8 April, 2011.
33. C. Spyrou, C. Mitsakou, P. Athanasiadis, G. Kallos, and C. Kalogeri, 2011: Study of the radiative effects of desert dust on weather and climate, EGU General Assembly 2011, Vienna, Austria, 3-8 April, 2011.
34. G. Kallos, S. Solomos, J. Kushta, C. Spyrou, C. Kalogeri, C. Mitsakou, 2010: Modeling Aerosol-Radiation-Cloud And Precipitation Processes, The 6th Specialty Conference And Exhibition On Environmental Progress In The Petroleum & Petrochemical Industries, Environ Arabia 2010, 18-21 April 2010.
35. Kallos, G., C. Spyrou, C. Mitsakou, G. Vlastou and C. Kalogeri, 2008: The new surface and radiative transfer parameterization in the SKIRON/Dust modelling System, Eos Trans. AGU, 89(53), Fall Meet. Suppl., Abstract A43A-0268. 15 - 19 December, San Francisco.

Book Chapters

2020: DUST CLIMATOLOGY for the KINGDOM of SAUDI ARABIA. Editors: G. Kallos & J. Al Qahtani. ISBN: 978-618-00-1857-8.

2025: Liubartseva, S., Zodiatis, G., Coppini, G., Pellegatta, M., Keramea, P., Sylaios, G., Radhakrishnan, H., Kalogeri, C., Nikolaidis, A., Loizides, L. and Nikolaides, P., 2025. Good Practices for the Sound Management of Oil Field Discharges Through the Application of the ISO14001, 9001, 45000, and 50000 Management Systems. In Management of Petroleum Wastewater and Oil Field Discharges: Diagnosis, Impacts and Treatment (pp. 609-631). Cham: Springer Nature Switzerland.