

PAPAGIANNAKI Katerina

Personal Information

DATE - PLACE OF BIRTH:

2 November 1975 - Montpellier, France

PROFESSION:

Senior Research Scientist (ELE Grade B)

PROFESSIONAL ADDRESS:

National Observatory of Athens, Institute of
Environmental Research and Sustainable Development
Lofos Koufou, P. Penteli, 15236, Athens, Greece
E-mail: katpap@noa.gr



Academic Qualifications

2011: PhD Thesis at the Laboratory of Industrial and Energy Economics, School of Chemical Engineering, National Technical University of Athens: "Climate Change and Transportation: Decomposition Analysis and Policy Valuation"

2001: B.Sc. in Chemistry at the National Kapodistrian University of Athens

Professional Experience

- ❑ 2017– today: Senior Research Scientist (ELE Grade B) of IERSD/National Observatory of Athens
- ❑ 2006– 2016: Scientific personnel of IERSD/National Observatory of Athens
- ❑ 2001– 2006: Research Associate personnel of IERSD/National Observatory of Athens
- ❑ 2001– 2006: Reviewer of Greenhouse Gas Emissions Inventories of the Kyoto Protocol country members as a qualified member of the UNFCCC expert review teams

Lifelong learning

2012: 'Inferential Statistics with SPSS software': National Centre for Public Administration and Local Government.

Areas of expertise

Weather-related hazards and socioeconomic impact assessment; Proficient in data analysis and statistical modelling (StateSE), Behavioural modelling and surveys, Index Decomposition Analysis methods, Databases development (Access), and GHG inventories; Experience in geographic information systems (QGIS).

Honors / Other relevant experience

- ❑ 2024: Honorary award for the work of the METEO team by CNN Greece.
- ❑ 2022: Tribute of UNDRR's PreventionWeb on publication (lead author) in Nature's Scientific Data: <https://www.preventionweb.net/publication/developing-large-scale-dataset-flood-fatalities-territories-euro-mediterranean-region>.
- ❑ 2016-2020: Co-Leader of the 'Flash-flood and social vulnerability' Science Team of the European Project HyMeX (HYdrological cycle in the Mediterranean Experiment).

- ❑ 2005: Admitted to the title of UNFCCC expert on the review of National GHG Inventory reports submitted in the frame of the Kyoto Protocol. Member of the UNFCCC expert review teams.
- ❑ 2005-2006: Member of the EEA (European Environmental Agency) Experts on GHG emission sources and estimation methodologies.

Participation in International Committees / Research Networks

2024: Member of the organising committee and convener & chairperson at the 18th PLINIUS Conference on Mediterranean Risks Chania | Greece | 30 September–3 October 2024

2023-2024: Member of the Advisory Committee in the context of the "Climate Refugees" Project implemented by WWF Greece and the Hellenic Council for Refugees (HRC)

Since 2022: Member of the EENA Network of Researchers (the European Emergency Number Association, www.eena.org)

2016-2020: Co-Leader of the "Flash-flood and social vulnerability" Science Team of the working group WG5: "Societal and economic impacts" of the European Project HyMeX (HYdrological cycle in the Mediterranean Experiment)

2015-2017: Member of the Scientific Committee of the Plinius Conferences on Mediterranean Storms

Outreach & Other Activities

❑ Popularised articles/interviews (the list is not exhaustive)

2024:

<https://www.naftemporiki.gr/green/climate/1825679/aik-papagiannaki-sti-n-pithanotita-25-stin-ellada-na-echoyme-pano-apo-80-nekroys-se-ena-plimmyriko-epeisodio/> (**plus TV interview link**)

<https://vog.ert.gr/ondemand/i-ellada-ston-kosmo-me-ton-giorgo-dionysopoulo-11-11-2024/> (**radio interview. at 1.04**)

<https://www.ertecho.gr/radio/proto/show/geopolis/ondemand/836789/geopolis-me-ton-d-fanarioti-13112024/> (**radio interview. at 00:48**)

<https://www.kathimerini.gr/society/563251213/i-prasini-prothesi-kai-oi-gkrizes-zones/> (**plus interviews on the radio**)

<https://www.kathimerini.gr/society/563285167/ereyna-oi-mines-me-tis-fonikes-plimmyres-stin-ellada/>

<https://www.amna.gr/mobile/article/844734/Ti-gnorizoun-kai-poso-endiaferontai-oi-mathites-gia-ta-kairika-fainomena-kai-tous-kindounous-tous->

<https://www.kathimerini.gr/society/563226736/ereyna-meteo-se-30-scholeia-kales-gnoseis-alla-periorismeno-endiaferon-oi-mathites-gia-tin-klimatiki-allagi/>

(reproduced to all major media websites, plus interviews on:

- 9.84FM – to the Hellenic League for Human Rights (HLHR) (30/8/24, 06:30 pm)

- <https://www.ertecho.gr/radio/proto/show/proini-parea> (3/9/24, 07:30 am)

- <https://www.ertecho.gr/radio/i-foni-tis-elladas/> (4/9/24, 11:00 am)

<https://gr.euronews.com/2024/03/28/greece-meteo-survey-climate-literacy> (**plus interview**)

<https://energyexpress.gr/news/ereyna-meteo-i-enishysi-toy-klimatikoy-eggrammatismoy-symballei-stin-katanoisi-ton-kindynon>

<https://www.kathimerini.gr/society/563042176/oi-akraioi-kairikoi-kindynoi-toy-kalokairioy/>

2023:

<https://www.kathimerini.gr/life/environment/562449694/oi-ellines-poreyontai-me-ton-mytho-oti-echoyme-panta-kalokairi/>

<https://www.amna.gr/home/article/704293/I-Ellada-tetarti-se-katastrofikes-plimmures-stin-Anat-Mesogeio-kata-tin-periodo-1882-2021> (republished in all major media)

2022:

Global Water Forum: <https://globalwaterforum.org/2022/05/12/developing-a-large-scale-dataset-of-flood-fatalities-for-territories-in-the-euro-mediterranean-region-the-ffem-db/>

2021:

<https://www.kathimerini.gr/society/561383566/perissoteroi-apo-230-nekroi-stin-ellada-apo-ta-kairika-fainomena-se-mia-20etia/> (republished in all major media)

2020:

<https://www.tanea.gr/2020/07/09/science-technology/meleti-neia-oria-gia-tin-ektimisi-tou-vathmou-epikindynotitas-ton-dasikon-pyrkagion/> (republished in all major media)

2019:

<https://webtv.ert.gr/ert1/apeutheias/27dek2019-apeytheias/> (**interview** starting 00:49:40)

<https://www.amna.gr/home/article/417500/Enas-stous-tesseris-den-mporei-na-thumithe-arithmo-ektaktis-anagkis> (**reproduced** to all major media)

<https://www.kathimerini.gr/1057421/article/epikairothta/ellada/toys-seismoys-fovoyntai-perissotero-apo-oles-tis-fysikes-katastrofes-oi-ellhnes> (republished in all major media)

□ **Reviewer for international journals**

npj Natural Hazards (Springer Nature)
Environmental Impact Assessment Review
Journal of Flood Risk Management
Science of the Total Environment
International Journal of Disaster Risk Reduction
Natural Hazards and Earth System Sciences
Natural hazards
Energy Policy
Advances in Geosciences
Transportation Research Part D
EGUsphere
Water
Sustainability

□ **Editor in international journals**

2021-2022: Guest Editor of the Sustainability journal, Special Issue "Socioeconomic Impact Assessment of Weather-Related Disasters: The Role of Exposure and Awareness".

□ **Supervision / Training**

2025: Internship (Associated Partner) of Dr. Vincenzo Totaro for a 3-month period, Research Assistant in Politecnico di Bari, Italy

2020: Internship of Clementine Harel, BSc Student of Département de Géographie – Aménagement, at Paul-Valéry Montpellier 3 Université, France.

2019: Internship of Anne-Sophie Chassagnou and Laure Clotilde, MSc Students of Gestion des catastrophes et des risques naturels at Paul-Valéry Montpellier 3 Université, France.

2018: Training (seminars) of Egyptian academic staff on weather-related hazards and societal impact analysis. Erasmus+ Project AdapTM, Climate Change Management through Mitigation and Adaptation, coordinated by the University of Catania.

❑ Online material

- **HIWE DB Database on high-impact weather events in Greece', basic version:**
https://meteo.gr/weather_cases.cfm
- **HIWE DB Dynamic map:** <https://meteo.gr/weatherEvents.cfm>
- **Online Questionnaire-based surveys**
 1. Behavioral survey on The catastrophic 22 October 2015 flash-flood event
<https://docs.google.com/forms/d/e/1FAIpQLSeg7HzdWLR26H6L771nE-LoZ8Bwf5oSP2jAgZ0tj0fvbwemNA/viewform>
 2. Survey on Citizens' preparedness against flood hazard
<https://docs.google.com/forms/d/e/1FAIpQLSdQgtlY4kKNiE2xOmZYMloxRLRDMn4iKHgXHMq1MSV6SjarGg/viewform>
 3. Survey on Multihazard risk perception
<https://docs.google.com/forms/d/e/1FAIpQLSdlwLDNs5Qxj1sQNBzu0H9YoKdOnQhpongP9YPjjGOvSHeBA/viewform>
 4. Survey on Why car drivers enter floodwaters
<https://docs.google.com/forms/d/e/1FAIpQLSdaljrLkRsr-khmFuScRG3XflN74lSdAWCuMXEa0HFrEhkvA/viewform>
 5. Survey on Storm naming and awareness
<https://docs.google.com/forms/d/e/1FAIpQLSfPqi7GwUdI2MOw5NpwjLagyC4HnLgV3OhfZegq7kSiV4pN7w/viewform>
 6. Climate Literacy and Greening Behaviour in Greece
<https://docs.google.com/forms/d/e/1FAIpQLSeJgoQUBPBHpGM14pL06r-VUCeInfzTUIPhlicFMCj2zG4urg/closedform>

Citation Report, Scopus, 12/2024

Papagiannaki, Katerina

📍 National Observatory of Athens, Athens, Greece © 55769869400

822

Citations by 663 documents

25

Documents

16

h-index [View h-graph](#)

Publications in International Journals

1. **Papagiannaki, K.**; Kotroni, V.; Lagouvardos, K. Assessing the Effects of Citizen Climate Literacy and Attitudes on Their 'Greening' Behaviour in a Climate Change Hotspot Region of the Eastern Mediterranean. *Climate* 2024, 12, 146. <https://doi.org/10.3390/cli12090146>
2. **Papagiannaki, K.**; Makri, K.; Kotroni, V.; Lagouvardos, K. Analyzing Literacy on Weather-Related Hazards and Risks among Students of an Eastern Mediterranean Region. *GeoHazards* (2024), 5, 853-865. <https://doi.org/10.3390/geohazards5030043>
3. Lagouvardos, K., Papavasileiou, G., **Papagiannaki, K.**, Dafis, S., Galanaki, E., Giannaros, T. M., Koletsis, I., & Kotroni, V. (2023). Regional precipitation index: Method analysis and application over Greece. *Atmospheric Science Letters*, e1184. <https://doi.org/10.1002/asl.1184>
4. Diakakis M, **Papagiannaki K**, Fouskaris M. (2022) The Occurrence of Catastrophic Multiple-Fatality Flash Floods in the Eastern Mediterranean Region. *Water*, 15(1),119, <https://doi.org/10.3390/w15010119>
5. **Papagiannaki, K.**, Petrucci, O., Diakakis, M. et al. (2022). Developing a large-scale dataset of flood fatalities for territories in the Euro-Mediterranean region, FFEM-DB.

Scientific Data (Nature) 9, 166. <https://doi.org/10.1038/s41597-022-01273-x>

6. **Papagiannaki, K., Kotroni, V., Lagouvardos, K., Bezes, A., Vafeiadis, V., Messini, I., Kroustallis, E., Totos, I. (2022).** Identification of Rainfall Thresholds Likely to Trigger Flood Damages across a Mediterranean Region, Based on Insurance Data and Rainfall Observations. *Water*, 14, 994. <https://doi.org/10.3390/w14060994>
7. Kotroni, V., Lagouvardos, K., Bezes, A., Dafis, S., Galanaki, E., Giannaros, C., Giannaros, T., Karagiannidis, A., Koletsis, I., Kopania, T., **Papagiannaki, K., Papavasileiou, G., Vafeiadis, V. Vougioulas, E. (2021).** Storm Naming in the Eastern Mediterranean: Procedures, Events Review and Impact on the Citizens Risk Perception and Readiness. *Atmosphere*. 12(11), 1537, <https://doi.org/10.3390/atmos12111537>.
8. Fameli, K.-M., **Papagiannaki, K.** Kotroni, V. (2021). Optimising the Knowledge on Residential Heating Characteristics in Greece via Crowd-Sourcing Approach. *Atmosphere*. 12(9), 1178. <https://doi.org/10.3390/atmos12091178>.
9. Diakakis, M., and **Papagiannaki, K. (2021).** Characteristics of indoor flood fatalities: evidence from Greece. *Sustainability*, 13(15), 8612, <https://doi.org/10.3390/su13158612>. Special Issue 'Socioeconomic Impact Assessment of Weather-Related Disasters: The Role of Exposure and Awareness'.
10. **Papagiannaki, K., Diakakis, M., Kotroni, V., Lagouvardos, K., and Papagiannakis, G. (2021).** The role of water depth perception in shaping car drivers' intention to enter floodwaters: Experimental evidence. *Sustainability*, 13(8), 4451, <https://doi.org/10.3390/su13084451>. Special Issue 'Climate-Related Hazards and Human Health: Mortality, Psychosocial Aspects, and Mitigation Policies'.
11. Giannaros C., Kotroni, V., Lagouvardos, K., Oikonomou, C., Haralambous, H., and **Papagiannaki, K. (2020).** Hydrometeorological and Socioeconomic Impact Assessment of Stream Flooding in Southeast Mediterranean: The Case of Rafina Catchment (Attica, Greece). *Water*, 12(9), 2426. <https://doi.org/10.3390/w12092426>.
12. Kotroni, V., Cartalis, C., Michaelides, S., Stoyanova, J., Tymvios, F., Bezes, A., Christoudias, T., Dafis, S., Giannakopoulos, C., Giannaros, T.M., Georgiev, C., Karagiannidis, A., Karali, A., Koletsis, I., Lagouvardos, K., Lemesios, I., Mavrakou, T., **Papagiannaki, K., Polydoros, A. Proestos, Y. (2020).** DISARM Early Warning System for Wildfires in the Eastern Mediterranean. *Sustainability*, 12(16), 6670. <https://doi.org/10.3390/su12166670>.
13. **Papagiannaki, K., Giannaros, T.M., Lykoudis, S., Kotroni, V., Lagouvardos, K. (2020).** Weather-related thresholds for wildfire danger in a Mediterranean region: the case of Greece. *Agricultural and Forest Meteorology*, 291, 108076. <https://doi.org/10.1016/j.agrformet.2020.108076>.
14. Vinet, F., Bigot, V., Petrucci, O., **Papagiannaki, K., Llasat, M.C., Kotroni, V., Trambly, Y., Aceto, L., Rossello, J., Llasat Botija, M. Pasqua, A., Grimalt, M., Kahraman, A., Kilic, O., Boissier, L. (2019).** Mapping flood-related mortality in the Mediterranean basin. Results from the MEFF v2.0 DB. *Water*, 11, 2196; doi:10.3390/w11102196. Special Issue 'Damaging Hydrogeological Events'.
15. **Papagiannaki, K., Diakakis, M., Kotroni, V., Lagouvardos, K., and Andreadakis, E. (2019).** Hydrogeological and Climatological Risks Perception in a Multi-Hazard Environment: The Case of Greece. *Water*, 11(9), 1770; doi.org/10.3390/w11091770. Special Issue 'Damaging Hydrogeological Events'.
16. Petrucci, O., Aceto, L., Bianchi, C., Bigot, V., Brázdil, R., Pereira, S., Abdullah, K., Kiliç, Ö., Kotroni, V., Llasat, M.C., Llasat-Botija, M., **Papagiannaki, K., Pasqua, A.A., Řehoř, J., Geli, J.R., Salvati, P., Vinet, F., Zêzere, J.L. (2019).** Flood fatalities in Europe, 1980-2018: variability, features and lessons to learn. *Water*, 11(8), 1682; doi.org/10.3390/w11081682. Special Issue 'Damaging Hydrogeological Events'.

17. **Papagiannaki, K., Kotroni, V., Lagouvardos, K., and Papagiannakis, G. (2019).** How awareness and confidence affect flood-risk precautionary behavior of Greek citizens: the role of perceptual and emotional mechanisms. *Nat. Hazards Earth Syst. Sci.*, 19, 1329-1346, doi:10.5194/nhess-19-1329-2019.
18. Petrucci, O., **Papagiannaki, K., Luigi, A., Laurent, B., Kotroni, V., Grimalt, M., Llasat Botija, MC., Llasat-Botija, M., Rossello, J., Pasqua, A., Vinet, F. (2018).** MEFF: the database of Mediterranean Flood fatalities (1980 to 2015). *Journal of Flood Risk Management*, 12, e12461, 10.1111/jfr3.12461. (Certified as a 'Top Cited Article 2019-2020').
19. **Papagiannaki, K., Kotroni, V., Lagouvardos, K., Ruin, I., and Bezes, A. (2017).** Urban areas response to flash flood-triggering rainfall, featuring human behavioral factors: The case of 22 October, 2015, in Attica, Greece. *Weather, Climate, and Society*, 9, 621-638, 10.1175/wcas-d-16-0068.1.
20. Lagouvardos, K., Kotroni, V., Bezes, A., Koletsis, I., Kopania, T., Lykoudis, S., Mazarakis, N., **Papagiannaki, K., and Vougioukas, S. (2017).** The Automatic Weather Stations Network of the National Observatory of Athens: Operation and Database. *Geoscience Data Journal*, 4(1), 4-16. doi:10.1002/gdj3.44.
21. **Papagiannaki, K., Lagouvardos, K., Kotroni, V. and Bezes, A. (2015).** Flash flood occurrence and relation to the rainfall hazard in a highly urbanised area. *Nat. Hazards Earth Syst. Sci.*, 15 (8), 1859-1871, doi:10.5194/nhess-15-1859-2015.
22. **Papagiannaki, K., Lagouvardos, K., Kotroni, V., and Papagiannakis, G. (2014).** Agricultural losses related to frost events: use of the 850 hPa level temperature as an explanatory variable of the damage cost. *Nat. Hazards Earth Syst. Sci.*, 14, 2375-2386.
23. **Papagiannaki, K., Lagouvardos, K., and Kotroni, V. (2013)** A database of high-impact weather events in Greece: a descriptive impact analysis for the period 2001–2011. *Nat. Hazards Earth Syst. Sci.*, 13, 727–736, doi:10.5194/nhess-13-727-2013.
24. Mirasgedis S., Georgopoulou E., Sarafidis Y., **Papagiannaki K., Lalas D.P. (2013).** The impact of climate change on the demand pattern of bottled water and non-alcoholic beverages. *Business Strategy and the Environment*. doi: 10.1002/bse.1782, 2013.
25. **Papagiannaki, K., Diakoulaki, D. (2009).** Decomposition analysis of CO2 emissions from passenger cars: The cases of Greece and Denmark. *Energy Policy* 37 (8), 3259-3267.

Book Chapters

- **Katerina Papagiannaki & Vassiliki Kotroni (2021):** Chapter 11 'Weather-related hazards and community response in the Mediterranean region: the case of Greece', in **Climate Change Management through Adaptation and Mitigation**. Publisher: Maggioli Editore, Santarcangelo di Romagna, RN Editor: Riccardo Privitera, Daniele La Rosa, Viviana Pappalardo, Francesco Martinico ISBN: 978-88-916-4307-0

Dataset in public repository

- **FFEM-DB (Database of Flood Fatalities from the Euro-Mediterranean region):** Petrucci, O. (Olga); Aceto, L. (Luigi); Bianchi, C. (Cinzia); Bigot, V. (Victoria); Brázdil, (Rudolf); Pereira, S. (Susana); Inbar, M. (Moshe); Kahraman, A. (Abdullah); Kılıç, O. (Özgenur); Kotroni, V. (Vassiliki); Llasat, M.C. (Maria Carmen); Llasat-Botija, M. (Montserrat); Mercuri, M. (Michele); Papagiannaki, K. (Katerina); Pasqua, A.A. (Angela Aurora); Řehoř, J. (Jan); Rossello-Geli, J. (Joan); Salvati, P. (Paola); Vinet, F. (Freddy); Zêzere, J.L. (José Luis) (2022) **4TU.Centre for Research Data**. Dataset : <https://doi.org/10.4121/14754999.v3>

Projects – Scientific Responsible

- 2023-2024: **Climate Literacy** (Project Code 2340), funded by 'Rosa Luxemburg Stiftung, Greek Office' of the German Embassy in Greece (10,000 euros)

Projects – Participation as a Researcher

- 2024: **AUGURES**-Crop modelling in Southeastern Europe, with additional economic analysis in Greece
- 2023-2025: **CLIMPACT II** – Support for upgrading the operation of the National Network for Climate Change. National Component of the Public Investment Programme (PIP) of the General Secretariat for Research and Innovation (GSRI), 03/2023-12/2025.
- 2021-2026: **CLIMA-GRID21** – Provision of a wide range of weather & climate services for the municipality of Rethymno. Municipality of Rethymno, 10/2021-07/2026.
- 2017- 2024: **Severe Weather events over Greece**. Funding: INTERAMERICAN
- 2023-2027: COST Action **FutureMed**: A transdisciplinary network to bridge climate science and impacts on society. (CA22162, WG 1).
- 2023-2024: **SNOWCLIM** "Snow cover variability and trends in the current and future climate for the Balkan region and relation of these trends with impacts. **Funding: European Climate Foundation** (Project Code 2337). Scientific Responsible for NOA Dr. V. Kotroni, Research Director in IERSD/NOA
- 2023: **HEAT-ARCHT** "National expansion of a health-based early warning system for heat waves". (Project Code: 2321). Scientific Responsible Dr. K.Lagouvardos, Research Director in IERSD/NOA.
- 2023: Design of a **National Strategy for adapting the protection of cultural heritage monuments to the effects of climate change** (Project Code: 2298). Contracted by MOBICS enterprise, funded by the Ministry of Culture and Sports. Scientific Responsible for NOA Dr. V. Kotroni, Research Director in IERSD/NOA.
- 2022-2025: Erasmus+ Programme, Key Action 220, **TRiPGiFT** "Training pupils on geosciences through Virtual Field Trips" (as Deputy Scientific Responsible for NOA)
- 2022: **EXCLIMATE-GR** (Grant Agreement: G-2111-63060), financed by the European Climate Foundation.
- 2022: **'Earthquake, Fire and Flood Risk Assessment in Attica Region'**, financed by the Attica Prefecture. In coordination with the University Of Athens.
- 2021: "Documentation and identification services of geodynamic and meteorological risks on the **Acropolis of Athens**". Coordinating beneficiary NOA, scientific responsible Dr. I. Kalogeras, Research Director in GEIN/NOA. Direct assignment by the Ministry of Culture and Sports to the National Observatory of Athens.
- 2021: High Impact Weather Events in Greece - Analysis of the period 2000-2020, financed by the **World Bank** under contract 7200821 (19.05.2021-2020-:GSRI Flagship Project National Climate Change Network.
- 2020-2023: HFRI (Hellenic Foundation for Research and Innovation) (Project Number: 00559) project **FLAME** (FLAMmable GreecE: Increasing awareness and preparedness for extreme fire weather and behaviour). Coordinating beneficiary NOA, scientific responsible Dr. T.M. Giannaros, Researcher in IERSD/NOA.
- 2020-2022: NSRF 2014-2020 project **YANTAS**, Standard System for Assessment and Mapping of Vulnerability and Risk Due to Severe Weather Phenomena in Greece, coordinated by Interamerican Corp. Scientific responsible for NOA Dr. V. Kotroni, Research Director in IERSD/NOA.
- 2017-2019: Interreg Balkan-Med project **DISARM**, Drought and Fire Observatory and Early Warning System. Coordinating beneficiary NOA, scientific responsible Dr. V. Kotroni, Research Director in IERSD/NOA.

- 2017-2019: Erasmus+ project **AdapTM**, Climate Change Management through Mitigation and Adaptation. Coordinating beneficiary University of Catania, scientific responsible for NOA Dr. V. Kotroni, Research Director in IERSD/NOA.
- 2012-2020: European Project **HyMeX** (HYdrological cycle in the Mediterranean Experiment). Co-leader of the 'Flash-flood and social vulnerability' Science Team of the working group WG5: 'Societal and economic impacts'. International coordination (2010-2020).
- 2011-ongoing: IERSD/NOA project '**Network of Automated Meteorological Stations**'. Scientific responsible Dr. K. Lagouvardos, Research Director in IERSD/NOA.

2001-2011

- National program **National Energy Strategy**. Elaborated by the Schools of Chemical and Mechanical Engineering for the National Energy Strategy Council.
- **Capacity-Building Program in Balkan countries**. A bilateral development assistance program on environmental issues, according to the criteria of the Development Assistance Committee of OECD (DAC/OECD), carried out by the National Observatory of Athens, the National Technical University of Athens, and private consulting companies.
- National program **Climate Change: National Inventories for the emissions of greenhouse gases and other air pollutants**. Elaborated by NOA.
- National Program **Report on Greek activities in relation to Systematic Climate Observations and Global Climate Observing Systems (GCOS)**, according to Decisions 4/CP5 and 5/CP5 of the Conference of the Parties to the UNFCCC.
- National Program **National Action Plan for the reduction of greenhouse gas emissions in Greece during the period 2000-2010**, to fulfil the national emission reduction target within the framework of the Kyoto Protocol.
- National Program **3rd and 4th National Communications** within the framework of the United Nations Convention on Climate Change (UNFCCC) and the Monitoring Mechanism for carbon dioxide emissions and other gases in the European Union.

Invited Talks

- Monitoring and assessing the costs of climate-related extremes. A webinar/virtual workshop organised by the **European Environment Agency (EEA)** and EuroMediterranean Centre on Climate Change (CMCC), December 5th, **2022**
- Expert Panel Meeting of Interamerican, Athens, Greece, 22 March **2022**: Yantas - A system for the assessment and mapping of vulnerability and risk related to high-impact weather events in Greece.
- AdapTM (Climate change Management through Adaptation and Mitigation) Conference, 12-13 July **2021**, Piran, Slovenia: Weather-related hazards and community response in Greece.
- International Workshop on 'Flood Impacts', organised by MUSE – the University of Montpellier and the members of the so-ii observatory. 5- 7 November 2019, Montpellier, France : Identifying flash floods that trigger rainfall thresholds.

Participation in International Conferences

1. Papagiannaki, K., Kotroni, V., Lagouvardos, K., Diakakis, M., and Kyriakou, P.: Analysis of the relationship of 41-yrs reanalysis rainfall data and flood fatalities in the Euro-Mediterranean region, 18th Plinius Conference on Mediterranean Risks, Chania, Greece, 30 Sep–3 Oct 2024, Plinius18-91, <https://doi.org/10.5194/egusphere-plinius18-91>, 2024.
2. Diakakis, M., Papagiannaki, K., and Fouskaris, M.: Evaluating the frequency of high-mortality flash floods in the Eastern Mediterranean region, 18th Plinius Conference on

- Mediterranean Risks, Chania, Greece, 30 Sep–3 Oct 2024, Plinius18-73, <https://doi.org/10.5194/egusphere-plinius18-73>, 2024.
3. Papagiannaki, K., V. Kotroni, K. Lagouvardos, P. Kyriakou: Analysing the relationship between 41-yr reanalysis rainfall data and flood fatalities in the Euro-Mediterranean region, MedGU-23, Istanbul 26-30 November 2023.
 4. Diakakis, M., Katerina Papagiannaki, Meletis Fouskaris, How Frequent are High-Mortality Floods in the Eastern Mediterranean? SafeAttica2023-10th International Conference on Civil Protection & New Technologies, 25-27/9/2023, Athens, Greece.
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