
Higher Education

2024- present	PhD Candidate, Department of Geography, University of the Aegean, Mytilene, Greece Thesis Title: " Sustainability of olive cultivation using climate models and crop model under future climate change scenarios in the Mediterranean region"
2021-2023	MSc in Natural Hazards and Disaster Mitigation, Department of Geography, University of the Aegean, Mytilene, Greece
2012-2017	BSc in Geography, Department of Geography, Harokopio University, Athens, Greece

Professional Experience

2024-present	Research Associate at the Institute for Environmental Research and Sustainable Development (IERSD), National Observatory of Athens <i>Project:</i> LIFE- IP AdaptInGR <i>Focus:</i> Climate and meteorological data analysis for climate change impact assessment
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Publications (Conference Proceedings)

- Gratsea, M., Machaira, P., Kitsara, G., Giannakopoulos, C., and Kostopoulou, E.: Climate indices and return period analysis to assess the long-term impact of climate change on olive crops in Peloponnese, Greece. 9th International Conference on Meteorology and Climatology of the Mediterranean, Genoa, Italy, 22-24 May 2023 (https://www.metmed.eu/_files/_event/_86600/_editorFiles/file/Book%20of%20abstracts/book_of_abstracts_final.pdf)
- Gratsea, M., Kitsara, G., Machaira, P., Kostopoulou, E., and Giannakopoulos, C.: Use of the return period methodology for the prediction of weather events with adverse impacts - case studies for the agricultural and hydrological sectors, 18th Plinius Conference on Mediterranean Risks, Chania, Greece, 30 Sep–3 Oct 2024, Plinius18-81, <https://doi.org/10.5194/egusphere-plinius18-81>, 2024 (<https://meetingorganizer.copernicus.org/Plinius18/Plinius18-81.html>)

Computer Skills

- ArcGIS - Geographic Information System
- Envi - Geospatial Analysis Software
- OLIVE.model.CNR - Crop modelling