

## [Dr. Nektarios Chrysoulakis](#)

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### Biographical Note

Dr. Nektarios Chrysoulakis is a Director of Research at FORTH and Head of the Remote Sensing Lab (<http://rslab.gr>). He holds a BSc in Physics, a MSc in Environmental Physics and PhD in Remote Sensing from the University of Athens. He has been involved in R&D projects funded by the European Union, the European Space Agency and the Ministries of Environment, Development, Culture and Education. His main research interests include climate change and urbanization, urban climate, urban energy balance, urban resilience, urban planning and metabolism, natural and technological hazards, surface temperature and albedo, environmental monitoring and change detection. Dr. Chrysoulakis is cPI of the European Research Council (ERC) Synergy project *urbisphere* (<http://urbisphere.eu>), focusing on coupling dynamic cities and climate. He is the coordinator of the H2020-Space project CURE (<http://cure-copernicus.eu>), focusing on Copernicus services exploitation in the domain of urban resilience. He has coordinated the projects URBANFLUXES (H2020), SEN4RUS (ERA.Net-RUS Plus), BRIDGE (FP7) GEOURBAN (FP7). He has also participated projects CoCO2(H2020), HARMONIA (H2020), ECOPOTENTIAL (H2020), THINKNATURE (H2020), IGIC (LIFE) and FLIRE (LIFE). Dr. Chrysoulakis is a member of the Board of Directors of the Eratosthenes Centre of Excellence (<https://eratosthenes.org.cy>), in Earth Observation, space technology and geospatial analysis. Dr. Chrysoulakis is a Visiting Professor at the Department of Physics of the University of Crete, teaching the course “Principles and Applications of Satellite Remote Sensing”; and at the CIHEAM-MAICh, teaching the course “Remote sensing of Urban Environments”. Since 2016 he has been co-Chair of the SPIE Conference on Remote Sensing Technologies and Applications in Urban Environments. He is involved in GEO Climate Change Working Group, as well as in GEO Programme Board Urban Resilience Subgroup. He has more than 300 publications in peer-review journals and conference proceedings. Website: <http://rslab.gr/nektarios.html>