



Showcase

20 June 2019. Conference and Exhibition

PRESENTERS' BIOGRAPHIES

Eleni Velgaki, General Director, General Directorate of Developmental Planning, Public Works & Infrastructures, Region of Attica, Greece

Dr. Eleni Velgaki is a former Inspector of Public Administration and holds a Civil Engineer Diploma, a Master's Degree and a PhD from National Technical University of Athens. She has worked for several years in the directorate of infrastructure of Hellenic Air Force Support Command and participated in several research programs in the fields of geotechnical engineering, micromechanics and material science. She also taught as a lecturer at the University of Thessaly and the Hellenic Air Force Academy. She currently serves as the head of the General Directorate of Development Planning, Public Works and Infrastructure of the Region of Attica.

Angelos Amditis, Scent Project Coordinator, Research Director, Institute of Communication and Computer Systems, Greece



Dr. Angelos Amditis is Research Director in the Institute of Communication and Computer Systems, and member of ITS Board of Directors. He is the founder of the I-SENSE Research Group of ICCS being active in the scientific and research fields of Intelligent Transportation Systems, Telecommunications, AI and Automation, Crisis and Disaster Management, Smart Integrated Systems such as Sensors, Communications and Vehicle Platforms, Smart Cities, Environmental and Industrial applications. He is the Chairman of the ERTICO Board of Directors, the Vice President and one of the founding member of the Hellenic Association for the deployment of Intelligent Transport Systems (ITS Hellas), and the Vice-Chairman and one of the founding members of the EuroVR Association. He is also the National Representative of Greece at EU on Co-operative Connected and Automated Transport and Mobility (C-ITS and CCAM) and the Deputy Chairman of the Athens Urban Transport Organisation (OASA). He has been the Scientific Responsible in more than 120 European and National research projects. Currently he is the coordinator of [Scent](#) H2020 project and of the following EU projects: HYPERION(newly accepted) [COREALIS](#), [ICT4CART](#), [RESIST](#), [ELVITEN](#), [IN-PREP](#), [SAFERtec](#), [PLUGGY](#), [NeMo](#) and [SENSKIN](#). He is the author of many articles in scientific journals, book chapters and over 180 conference articles.

Izabela Freytag, Project Advisor, Executive Agency for Small and Medium-sized Enterprises (EASME), European Commission

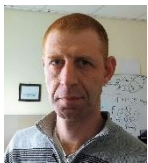
Since 2015, Izabela Freytag works for the Executive Agency for Small and Medium Sized Enterprise (EASME) in the unit B.2 "H2020 Environment and Resources" which is implementing Societal Challenge 5 – Climate action, environment, resource efficiency and raw materials of H2020. Izabela is part of the Climate Action and Earth Observation sector. She is leading the Environmental Earth observation file. She is actively involved in the developments of the EuroGEOSS initiative. She is Project Adviser for several EO projects among which the Citizens' Observatories projects. Izabela has a background in Environmental engineering with a master in Oceanology. She joined the Commission in 2011 working for different part of the Research and Innovation Directorate.

Stefano Tamascelli, CEO and Founder, XTeam Software Solutions srls, Italy



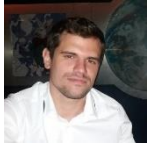
Stefano Tamascelli has graduated from the school of Software Engineering of the Padua University (Italy) in 2000. I has obtained a PhD degree in Artificial Intelligence and Neural Networks from the University of Padua in 2003. Stefano Tamascelli is the Managing Partner of XTeam Software Solutions, has designed and developed over 100 commercial products for Amiga, Windows, MacOs, Linux, Nintendo GameBoy Advance, Nintendo DS, Android, iOS, Flash, HTML5 and has worked on other projects/videogames as a consultant for Xbox, Xbox360, XBox One Playstation 2, Playstation 3, PlayStation 4 , PlayStationVita, Nintendo3DS, Nintendo Switch. He has also lead all the research projects of the company, such as GeniuX Photo EFX (award-winning photo editing software), 3D GeniuX, Extender (augmented reality awnings for outdoor), the Retaliation series for Forgotten Empires, The Ballad Singer and have a consolidated experience in H2020 projects with the participation on 6 projects (3D TuneIn, SCENT, PLUGGY, MCI, MCI2, Victor). Now he is working on artificial intelligence for the dementia's study and to improve the listen experience of people with hearing loss / cochlear implants.

Joseph Shtok, Research Scientist, Computer Vision & Augmented Reality, IBM Research AI, Israel.



Joseph Shtok holds an M.Sc. degree in Mathematics and a Ph.D. degree in Computer Science, from the Technion – Israel Institute of Technology. His areas of expertise include Machine Learning, Computer Vision with focus on Object Recognition, Image Processing, Medical Imaging and depth sensors. Joseph is one of the leading research scientists of the IBM Research AI team, specializing in object recognition and 3D algorithms. His research papers are published in leading Computer Vision and Signal Processing conferences such as CVPR, NIPS, ISBI, ICASSP.

Valantis Tsiakos, Project Manager, Institute of Communications and Computer Systems, Greece



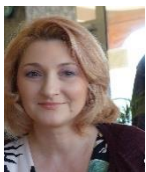
Valantis Tsiakos, has obtained a diploma in Urban Planning & Regional Development from University of Thessaly and a MSc in Geoinformatics from Harokopio University of Athens. He has been involved in various EU funded projects, emphasizing on the application of information systems in the environmental sector. His scientific interests include: spatial data infrastructures, remote sensing, standardization, environmental applications, citizen science and crowdsourcing. Valantis Tsiakos is working as a Scientific Project Manager, member of the Smart Integrated Systems & Communication Team of the I-SENSE group of ICCS.

Ioana Popescu, Associate Professor of Hydroinformatics, IHE Delft Institute for water education, The Netherlands



Dr. Ioana Popescu has 32 years of experience, currently being Associate Professor of Hydroinformatics at IHE Institute for Water Education in Delft, The Netherlands. Her teaching and research focuses on computational methods, aspects of flood modelling and vulnerability related to floods, lake and reservoir modelling, river systems and water supply systems modelling and optimisation. Dr. Ioana Popescu has been involved in several EU FP7 research projects (IceWater, lenvis, EnviroGRIDS, Floodsite) as well as other research projects related to development and application of modelling systems for water related areas. She is also the author of more than 30 peer-reviewed journal articles and 40 other publications, including invited book chapters and conference proceedings. Ioana Popescu is member of several engineering associations and research schools, like the International Association for Hydro-Environment Engineering and Research (IAHR), the European Geophysical Union (EGU) and SENSE research school, as well as member of the Scientific Committee for World Data Systems, since 2018.

Daniela Petroschi, Counsellor, Prefectura Tulcea, Romania



Senior officer in Tulcea County Prefect's Office, works in European Affairs and Ministerial Services Department since 2003, where she is in charge with monitoring the implementation of governmental programs financed by the European Union and the developing of the internal control program within the organization. She graduated Spiru Haret University in Bucharest- Modern Languages and Literature, Alexandru- Ioan Cuza Academy- International Relations and Ovidius University- Schengen framework in Public Administration. In 2016 she obtained for the Prefect's Office the Award for Administration Transparency, within the implementation of several projects, all related to the use of open data and social media as a means of communicating with the citizens. Recently, she has been involved in implementing the Prefect's strategy regarding the risk management, by accessing two major projects- FLOODserv- Public FLOOD Emergency and Awareness SERVICE- 693599 (Horizon 2020) and Performing Flood Risk Management for the Communities in the Danube Delta (FLAG 2014-2020).



Iulian Nichersu, Senior Researcher, Danube Delta National Institute, Romania



Dr. Eng Iulian NICHERSU graduated in 1985 the Civil Engineering Technical University, Geodesy Faculty Bucharest. In 2000 he obtained his PhD within Faculty of Geography, University of Bucharest, with the thesis titled “Using of GIS in Danube Delta Biosphere Reserve Atlas Design”. Senior scientific researcher, doctor in Geography with 25 years of experience within the Danube Delta National Institute for Research and Development and publication of 32 titles in Romanian and English languages. He has expertise in GIS, spatial planning, maritime policies, cartography, geomatics and conservation projects of special wetland areas from the Lower Danube Floodplain – Romanian sector. He was awarded in 2000 with the Diploma of excellence in research for the project Green Corridor of Lower Danube by the Romanian Government, National Agency for Research, Technology and Innovation. In 2001 he got specialized in Research methods in Wetlands Socio-anthropological studies including participatory research appraisal tools: focus group, mapping, seasonal calendar, comprehensive structured interviews at University of Durham, UK. As project responsible he worked in elaborating the ecological restoration projects for the abandoned polders in order to create the Green corridor of lower Danube, elaborating the methodology of sustainable use of the natural resources from the wetlands, in order to protect and conservation the species and to an ecological equilibrium, stakeholder involvement in flood risk management and spatial planning, in national and international projects, as: FP 5 Integrated Management of European Wetlands, Cross Border Co-operation Programme Romania-Bulgaria / Protection of wetlands of the Danube – a pilot project for Cama – Dinu Islets area / Scientific assistance for the realization of the database, monitoring and inventory of flora and fauna in the Cama Dinu islets area , FP 7 People for Ecosystem Based Governance in Assessing Sustainable Development of Ocean and Coast “PEGASO”, Intereg project- Stakeholder oriented flood risk assessment for the Danube floodplains- Danube Floodrisk (responsible of WP 5 Data collection management), Danube’s River Morphology and Revitalization in DANUBEPARKS project.

Argyro Paraskevopoulou, General Director, General Directorate of Sustainable Development and Climate Change, Region of Attica, Greece

She obtained her PhD in the field of Diffusion Models for Atmospheric Pollutants at Université Pierre-et-Marie-Curie), Paris VI. As Head of the Directorate for the Environment and Climate Change of the Region of Attica (RoA), she has expressed and/or adopted opinion over Environmental Impact Studies, environmental monitoring and inspection of implementation and enforcement of environment legislation (auditing of solid and dangerous wastes etc.). She organized, participated and represented the Region of Attica in a number of conferences, advisory boards, committees and projects funded by European programs and/or RoA. She is, also, the scientific coordinator in European projects concerning environmental issues, climate change adaptation and mitigation, as well as the Attica’s Regional Plan for the Adaption to Climate Change. Since October 2018, she has been appointed Director-General for Sustainable Development & Climate Change of Attica Region expanding her field of responsibilities to industrial issues, culture and tourism.



Miltiadis Kyrkos, Department Director, Directorate of Technical Public Works, Region of Attica, Greece

Dr. Miltiadis Kyrkos holds a Civil Engineering Diploma, a Master's Degree in Structural Design of Structures, a Master's Degree in Business Administration and a PhD on Earthquake Engineering from University of Patras. Miltiadis Kyrkos, as a researcher is primarily focused on earthquake engineering and in the torsional response of asymmetric and irregular buildings. As a professional structural engineer, he has participated in a large number of engineering projects, including structural design of buildings, bridges, tunnels and dams. His latest duties include the project management and supervision of public works such as construction or renovation of buildings, wastewater treatment plants, rainwater drainage works and urban planning projects. He currently serves as the Head of Studies–Regulations and Standards Division in the Directorate of Public Works of the Region of Attica.

Evangelos Sdongos, Researcher, Scientific Project Manager, Institute of Communication and Computer Systems, Greece



Mr. Evangelos Sdongos is a Researcher, Scientific Project Manager and Team Leader of the Crisis Management and Security Unit at ISENSE Research Group of ICCS. Mr. Sdongos holds a MSc. in Telecommunications and Information Technology from the Electrical & Computer Engineering Department of Patras University and has extensive experience in the design, implementation and integration of mobile communication networks, embedded systems and sensors and emergency communication systems. Mr. Sdongos has worked in several industrial projects and is actively participating in several FP7 and H2020 projects, such as PPDR-TC, eVACUATE, INTE-TRANSIT, NEXES and RECONASS as project/technical and quality manager. He has obtained an MBA from Hellenic Open University (2016) and he is currently PhD candidate at National Technical University of Athens. He has published several articles in conference proceedings and journals.

Inian Moorthy, Research Scholar, Center for Earth Observation and Citizen Science, IIASA, Austria



Dr. Inian Moorthy received his PhD in the field of Earth & Space Science from York University in Toronto, Canada in 2009. His research focused on the application of 3D ground-based Light Detection And Ranging (LiDAR) platforms for vegetation condition monitoring and mapping. He completed a Marie Curie Postdoctoral Fellowship at the Institute of Sustainable Agriculture in Córdoba, Spain, working with a highly specialized team on the precision mapping and management of olive orchards using LiDAR systems and Unmanned Aerial Vehicles (UAV). Dr Moorthy joined the International Institute for Applied Systems Analysis (IIASA) in 2015. At IIASA, he currently serves as a Senior Project Manager and Grants Coordinator within the Center for Earth Observation and Citizen Science. He manages the Horizon 2020-funded LandSense Citizen Observatory, which focuses on connecting citizens with earth observation imagery to transform environmental decision-making. His research interests include quantitative remote sensing, citizen science, and crowdsourcing mechanisms to complement earth observation datasets and processing chains.



Harris Georgiou, Search & Rescue / Emergency Medical Care - First Responder, Hellenic Rescue Team of Attica (HRTA), Greece



Dr. Harris Georgiou received his B.Sc. degree in Informatics from the University of Ioannina, Greece, in 1997, and his M.Sc. degree in Digital Signal Processing & Computer Systems and Ph.D. degree in Machine Learning & Medical Imaging, from the National & Kapodistrian University of Athens (NKUA/UoA), Greece, in 2000 and 2009, respectively. In 2015 he completed a 3-year post-doctorate appointment with NKUA, specializing in sparse learning models and fMRI/EEG analysis and since 2016 he is working in another post-doctorate appointment with the University of Piraeus (UniPi), specializing in Big data analytics & Machine Learning. Also, since 2016 he is the active LEAR, team coordinator & scientific advisor with the Hellenic Rescue Team of Attica (HRTA) in several EU-funded R&D projects (H2020) for civil protection, miniaturized robotic equipment & sensors for SAR operations and next-generation advanced technologies for first responders. In parallel, he is also an associate professor in several courses in Informatics, including B.Sc. and M.Sc. programmes in NKUA and UniPi, as well as 13 years in the private sector as course leader in A.I. and Software Engineering. He has published 58 peer-reviewed papers and 64 other works, including a two-volume book series on medical image analysis & diagnostics and a U.S. patent in related R&D areas. He has been a member of over 40 technical committees in international scientific journals & conferences since 2008 and General Secretary of the Hellenic Informatics Union (HIU) since 2015. He is a certified Emergency Medical Care / First Responder, scuba diver, member of the HRTA since 2010. As a volunteer, he has participated in various humanitarian aid & disaster relief works in Ghana, Lesvos, Piraeus, support of unaccompanied minors and teacher in community schools in Athens. He also has training in streetwork with homeless and addicts, psychological first aid and victim support.

Pavlos Georgiadis, Community Manager at GROW Observatory, Greece



Pavlos Georgiadis is an ethnobiologist, agri-food author and food systems innovation consultant. Born and raised in Alexandroupolis, Greece, he has lived in eleven countries in Europe, Asia and America working on research projects for biodiversity conservation, rural development and citizen science. He is an active social entrepreneur in the agroecological sector, having created the single varietal extra virgin olive oil Calypso, and co-founded the consultancy company We Deliver Taste and the social cooperative for organic hemp KANNABIO. With a focus on participatory design of sustainable agrifood systems and food policy, he is consulting major RI projects in Greece and the EU. Pavlos is a University of Edinburgh graduate with a BSc/(Hons) in Plant Science and an MSc in Biodiversity and Taxonomy of Plants. He holds a second MSc on Environmental Protection and Agricultural Food Production from the University of Hohenheim-Stuttgart, and is currently a PhD candidate on Social Sciences in Agriculture. He is the Community Manager of the GROW Observatory.

Evangelos Gerasopoulos, Research Director, National Observatory of Athens/IERSD, Greece; Director of the Greek GEO Office; Coordinator of SMURBS



Dr. Evangelos Gerasopoulos studied Physics at the Physics Department of the Aristotle University of Thessaloniki and has a MSc in the field of Environmental Physics (1998) and PhD in the field of Atmospheric Physics and Dynamics (2003). He has worked as a Post-Doctoral fellow at the Max Planck Institute (Biogeochemistry Department, Mainz) in the field of Aerosol Science. Since 2006 he is a researcher at IERSD/NOA. Apart from his research activities, Dr. Gerasopoulos has indicatively served or serving in the following duties and positions of responsibilities: Member of the EuroGEOSS Coordination Group (2017 - present); Member of the Programme Board of the Intergovernmental Group on Earth Observations (GEO/UN) (2015 - present), Director of the Greek GEO Office (2014 - present), Member of the Sectorial Scientific Council for the Environment and Energy of the National Council for Research and Technology (2014 - 2016), Member of the Board of the Hellenic Quality Assurance & Accreditation Agency (HQA) (2017-present), Member of the Steering Committee of the Navarino Environmental Observatory (Messenia, Greece) (2010 - present). He has participated in/coordinated more than 35 European and National projects and he is co-Editor in "Atmospheric Chemistry and Physics" journal of EGU/Copernicus (5-y IF: 5.9). He is the coordinator of the European Project SMURBS (SMart URBan Solutions for air quality, disasters and city growth), which is funded by the Horizon 2020 ERA-PLANET platform.

