



Cyprus Remote Sensing Society



RSCy



Under the Auspices

RESEARCH INNOVATION AND DIGITAL POLICY



27-29 April 2026, Aliathon Holiday Village, Paphos, Cyprus

<https://rscy2026.com/>



Agenda



Tuesday, 28 April 2026 | Room: Poseidon

“Synergies Across Cross-Thematic Projects:

Advancing Environmental Sustainability from Local Contexts to Scalable Impact”

📍 **Aliathon Holiday Village, Paphos, Cyprus**

[Meeting link](#)

<p>This Session is organised by:</p>	 	
	<p>5th CARBONICA Brain Gain Conference</p> <p>“From Diaspora Insights to Local Action: Advancing Carbon Farming for Resilient Agriculture in Cyprus”</p>	<p>Chair: Christiana Papoutsas Co-chair: George Papadavid</p>
<p>09:15 – 09:20</p>	<p>Welcoming Remarks</p>	<p>Dr Christiana Papoutsas Deputy Coordinator of the Environment & Climate Department, ERATOSTHENES Centre of Excellence (ECoE) Cyprus</p>
<p>09:25 – 09:35</p>	<p>The CARBONICA project: A Multi-Actor Approach through Engagement, Capacity Building and Field Implementation</p>	<p>Dr Maria Prantsidou Researcher, ERATOSTHENES Centre of Excellence (ECoE) Cyprus</p>



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09:35 – 09:50	Oenotrace: From Field to Bottle – Monitoring Carbon in Vineyards	Keynote speaker-diaspora Dr Nikolaos Tsoulias Senior researcher and lecturer, <i>Hochschule Geisenheim University</i> Germany
09:50 – 10:50	Panel Discussion: “How can carbon farming practices support the resilience and sustainability of agricultural sector?”	
	<ul style="list-style-type: none"> • Moderator: Dr George Papadauid Officer, <i>Agricultural Research Institute - Cyprus Ministry of Agriculture, Rural Development and Environment</i> (CY) <p>Panelists:</p> <ul style="list-style-type: none"> • Diaspora Expert: Dr Nikolaos Tsoulias Senior Researcher and Lecturer, <i>Hochschule Geisenheim University</i> (GER) • Academia: Dr Marinos Stylianou Assistant Professor, <i>Faculty of Pure and Applied Sciences, Lab of Chemical Engineering and Engineering Sustainability - Open University of Cyprus</i> (CY) • Policy: Mr George Theophanous Officer, <i>Department of Agriculture - Cyprus Ministry of Agriculture, Rural Development and Environment</i> (CY) • Industry: Mr Nikos Larkos Agronomist & Managing Director, <i>AgroTech Innovations Ltd</i> (CY) • Farming Sector: Mr Nakis Kyprianou New Farmer, <i>Agros Village</i> (CY) • Civil Society/NGO: Mrs Sofia Matsi Executive Director, <i>Cyprus Environment Foundation</i> (CY) 	
10:50 – 11:00	Q&A Concluding Remarks	
11:00 – 11:30	Coffee Break	
This Session is organised by:	   	
	Integrated Plant Health, Pest Management and Preparedness for Food Security	Chair: Menelaos Stavrinides Co-chair: Maria Prantsidou
11:30 – 13:00	<p>182 Who Owns What You See from Space? Remote Sensing and Data Rights, Michael Chatzipanagiotis</p> <p>186 Monitoring the Phenological Cycle of Olive (cv. 'Koroneiki') Using High-Resolution Satellite Time Series: A Region-Specific Transferable Approach; Thrasivoulos Stylianou, Ashish Kallikkattil Kuruvila, Marianna Hadjichristodoulou, Volha Dubovik, Eleni Loulli, Francisco Rovira-Más, Loukas Kanetis, Menelaos Stavrinides, Diofantos Hadjimitsis, Christiana Papoutsas</p> <p>259 Exploring the Relationship Between Sentinel-2 Vegetation Indices and Microclimate Variability in a Citrus Orchard, Marianna Hadjichristodoulou, Ashish Kallikkattil Kuruvila, Thrasos Stylianou, Volha</p>	



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	<p>Dubovik, Eleni Loulli, Francisco Rovira-Más, Marinos Eliades, Menelaos Stavriniades, Diofantos Hadjimitsis, Christiana Papoutsas</p> <p>224 High-Resolution Satellite Mapping of Citrus Orchards: Tree Detection and Canopy Cover Assessment; Ashish Kallikkattil Kuruvila, Marianna Hadjichristodoulou, Thrasos Stylianou, Diofantos Hadjimitsis, Eleni Loulli, Menelaos Stavriniades, Volha Dubovik, Iason Tsardanidis, Ilias Tsoumas, Christiana Papoutsas</p> <p>205 A Socio-Economic Decision-Support Tool for Sustainable Agricultural Policy, Daria Loginova, Sabine Hoidn, Ioannis Varvaris, Stefan Mann</p> <p>188 Monitoring Cropland Recovery After Flooding Using Multi-Sensor Satellite Time Series: Case Study for the Lake Karla Basin, Greece, Marios Hadjipanagi, Christos Theocharides, Christiana Papoutsas, Afroditi Athanasiou, Antonis Mavroeidis, Panagiotis Trivellas, Nikolaos Nikoloudakis, Andreas Katsiotis</p> <p>227 SAR-Based Change Detection of the February 2026 Evros Floods (Greece) in Google Earth Engine with PlanetScope Integration for Agricultural Impact Assessment, Christos Theocharidis, Christiana Papoutsas, Marios Hadjipanagi, Afroditi Athanasiou, Antonis Mavroeidis, Panagiotis Trivellas, Nikolaos Nikoloudakis, Andreas Katsiotis</p> <p>244 A Low-Code Paradigm for Rapid Development of Cyber-Physical Applications in the Food Security Domain: The Nostradamus Approach, Konstantinos Panayiotou, Emmanouil Tsardoulis, Theodoros Tsampouris, Ioannis Gkountras, Themistoklis Diamantopoulou, Andreas Symeonidis</p> <p>266 Nostradamus enabling data-driven sustainable agriculture in Europe through interoperable Data Cubes and multi-actor digital innovation, Ioannis Varvaris, Stelios Neophytides, Menelaos Stavriniades, Stavroula Dimitriadi, Eleni Loulli, Thrasos Stylianou, Thomaida Polydorou, Diofantos Hadjimitsis</p>	
<p>13:00 – 14:00</p>	<p>Lunch Break</p>	
<p>This Session is organised by:</p>		
	<p>Living Labs Cultivating Soil and Water Resilience through Innovation for Sustainable Agriculture</p>	<p>Chair: Ioannis Varvaris Co-chair: Marinos Eliades</p>
<p>14:00 – 15:30</p>	<p>207 Land-Use Composition and Socio-Economic Dynamics in Sub-Saharan Africa: Evidence from the AfroGrow Project Countries, Daria Loginova</p> <p>208 Assessing the spatial transferability of GEDI-AlphaEarth Embedding-based biomass models from Kenya to AfroGrow Living Lab Landscapes, Dhouha Ouerfelli, Youssef Nadhyf, Ioannis Varvaris, Diofantos Hadjimitsis</p> <p>264 AfroGrow transforming AU agroforestry systems through Living Labs and FNSSA-driven business model innovation, Ioannis Varvaris, Zampela Pittaki, Dhouha Ouerfelli, Youssef Nadhyf, Roland Richard Sier, Diofantos Hadjimitsis</p>	



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	<p>265 Nemesis Soil Health Living Labs for Combating Desertification in Mediterranean Landscapes, Ioannis Varvaris, Dhouha Ouerfelli, Youssef Nadhyf, Dimitrios Koumoulidis, Eleni Neofytou, Marinos Eliades, Orestis Rizopoulos, Valeria Tsiro, Diofantos Hadjimitsis</p> <p>240 DigiFarm: Assessing Digital Training Needs of Agricultural Advisors in Europe; Maria Prantsidou, A. Iachetti, M. Hadjichristodoulou, T. Stylianou, E. Loulli, C. Papoutsas, D. Hadjimitsis, S. Papadopoulos, S. Theodoridis, D. Bormpoudakis, C. Kontoes, A. Tsafara, D. Argyropoulos, M. Stavrinos</p> <p>249 Carbon Farming Practices in Cereal Crops: Effects of Compost and Straw Application on Soil Health, Stavroula Dimitriadi, Maria Prantsidou, Michalakis Christoforou, Styliana Efstathiou, Diofantos Hadjimitsis, George Papadavid, Menelaos Stavrinos, Marios Tzouvaras, Christiana Papoutsas</p> <p>267 An Event-Driven AI Architecture for Transforming Heterogeneous Food System Data into Policy Intelligence, Athanasios Michailoudis, Themistoklis Diamantopoulos, Dimitrios-Nikitas Nastos, Andreas Symeonidis</p>
<p>15:30 – 16:00</p>	<p style="text-align: center;">Coffee Break</p>
<p>This Session is organised by:</p>	
	<p>Connecting Atmosphere, Land Use and Solar Dynamics for Climate-Resilient Landscapes</p> <p style="text-align: right;">Chair: Rodanthi Elisavet Mamouri Co-chair: Ioannis Varvaris</p>
<p>16:00 – 17:30</p>	<p>248 High-Resolution Validation of MONARCH Dust forecasts during strong dust episodes: Leveraging EarthCARE ATLID and CARO NF measurements, Konstantinos Chrysostomou, George Kotsias, Emanuele Emili, Tito Vintimilla Santiago Cruz, Maria Poutli, Diofantos Hadjimitsis, Rodanthi-Elisavet Mamouri</p> <p>170 Evaluating EarthCARE’s MSI and ATLID Aerosol Products Against Ground-Based Sunphotometer and Lidar Observations, Aspasia Pallikaridou, Georgios Kotsias, Rodanthi Elisavet Mamouri, Kyriaki Papachristopoulou, Stelios Kazadzis</p> <p>206 Land-Use Change and Socio-Economic Outcomes: A Global Longitudinal Assessment, Daria Loginova, Stefan Mann, Sabine Hoidn, Ioannis Varvaris</p> <p>165 Climate-informed spatial prioritization for the conservation of Emys orbicularis in Greece, Youssef Nadhyf, Dhouha Ouerfelli, Ioannis Varvaris, Antonios D. Mazaris, Diofantos Hadjimitsis</p> <p>149 Spatial Patterns of Urban Sprawl in the Larnaca Metropolitan Area Using Landscape Metrics and the GLAD Global Land Cover and Land Use Change dataset, Dimitrios Koumoulidis, Ioannis Varvaris, Diofantos Hadjimitsis</p> <p>225 Wildfire smoke cases detected by the PollyXT Lidar at the CARO Limassol station: EarthCARE capabilities for detecting Smoke, Maria Poutli, Hossein Panahifar, George Kotsias, Diofantos Hadjimitsis, Moritz Haarig, Rodanthi-Elisavet Mamouri</p> <p>228 The influence of agrometeorological factors on irrigated Citrus trees, Marinos Eliades, Constantinos Panagioutou, Ioannis Varvaris, Eleni Neofytou, Stelios Neophytides</p>

12th International Conference on Remote Sensing and Geoinformation of Environment Conference



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	<p>247 Layer-Resolved Retrieval of 3-Mode Aerosol Optical and Microphysical Properties Using GRASP Lidar-photometer synergy in Limassol, Cyprus, Athina Savva, Konstantinos Chrysostomou, Anton Lopatin, Diofantos Hadjimitsis, Rodanthi-Elisavet Mamouri</p>
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