



National Copernicus Conference – Portugal

Day 1 – 22 nd of March	
13:00-14:00 Registration 13:30 - welcome coffee	
14:00 – 14:15	Opening Session Reitora da Universidade de Évora (5 min) Presidente da Portugal Space (TBC) (5 min) MCTES (TBC) (5 min)
14:15 – 15:00 (45 min)	Session 1 – Copernicus Program Overview Moderator: Carolina Sá (Portugal Space) Copernicus Overview and Future perspectives, Elisabeth Hamdouch, Deputy Head of Unit, DG-DEFIS (15 min) Copernicus Contributing Missions and ESA Third Party Missions, Peggy Fischer, ESA (15 min) PT participation in Copernicus - Portugal Space (10 min) Q&A (5 min)
15:00 – 16:25 (1 h 25)	Session 2 – Land Monitoring Moderator: Mário Caetano (DGT) Copernicus Ground Motion Service, Henrik S. Andersen, EEA (10 min) JRC (TBC) (10 min) Q&A 5 min Presentations 8 min + Q&A 2 min <ul style="list-style-type: none"> ▫ <i>Estimating canopy height by coupling GEDI LiDAR with Sentinel-2, Sentinel-1 and ALOS/PALSAR-2</i>, Sérgio Godinho, EaRSLab - UÉvora ▫ <i>Avaliação da salinidade do solo a partir de imagens do Sentinel-2</i>, Tiago Ramos, IST ▫ <i>Utilização de imagens Sentinel-2 na identificação de pegmatitos do tipo NYF: Um estudo de caso em Tysfjord - Noruega</i>, Douglas B dos Santos, FCUP ▫ <i>Contributos do programa Copernicus para o SMOS (Sistema de Monitorização da Ocupação do Solo)</i>, Hugo Costa, DGT ▫ <i>Land Surface Temperature for Copernicus Global Land - recent product developments and applications</i>, João Martins, IPMA ▫ <i>Monitorização de deslocamentos nas infraestruturas do Metro do Porto através de InSAR</i>, Dora Roque, LNEC
16:25-16:45	Coffee break – in posters room (20 min)
16:45 – 17:50 (1h 05 min)	Session 3 – Climate change and Atmosphere Monitoring Moderator: João Martins (IPMA) Copernicus Atmosphere Monitoring Service, V-H Peuch, ECMWF - 10 min Copernicus Climate Change Service, C. Buontempo, ECMWF - 10 min EUMETSAT and Copernicus, current and future perspective, Lieven Bydekerke, EUMETSAT - 10 min Q&A 5 min Presentations 8 min + Q&A 2 min <ul style="list-style-type: none"> ▫ <i>An empirical linear mixed-effects model approach to compare TROPOMI/S5-P NO2 observations with ground-based measurements in the Iberian Peninsula</i>, Rita Cunha, CoLab +Atlantic ▫ <i>Use of Copernicus S5-P and other remote sensing data to characterize and monitor atmospheric aerosol transport</i>, Maria João Costa, UÉvora



	<ul style="list-style-type: none"> ▫ <i>Synergistic analysis of permafrost coastal erosion – the case of the Beaufort Sea coast</i>, Gonçalo Vieira, CEG/IGOT - ULisboa
17:50 – 18:00	Coffee break – in posters room (10 min)
18:00 – 19:00 (1 h)	Session 4 - EO for agriculture Moderator: Luís Barreiros (GPP) Presentations 8 min + Q&A 2 min <ul style="list-style-type: none"> ▫ TBD , João Falcão, IFAP ▫ <i>Monitoring of rice growth conditions at the plot scale using remote sensing data</i>, Romeu Gerardo, UCoimbra ▫ <i>Remote Sensing for Carbon Map and Biodiversity Tools development towards farms neutrality</i>, Patrícia Lourenço, Agroiinsider ▫ MAPP – Remote sensing for precision viticulture, Vasco Pimenta, Spin.Works ▫ Satellite VHR data for agriculture, F. Vilhena da Cunha, GeoSAT ▫ Opportunities in HE– Cluster 6 – MJ Fernandes, ANI
19:00 – 21:30	Wine tasting and Cocktail dinner
Day 2 – 23rd of March	
9:00 - Morning coffee in poster room	
9:30 – 9:45	Welcome by Portugal Space Copernicus Success Stories in Europe, Annalisa Donati, Eurisy – 15 min
9:45 – 10:40 (1 h)	Session 5 – Marine monitoring Moderator: Isabel Bué (IH) Copernicus Marine Environment Monitoring Service, Corinne Derval, Mercator Ocean (10 min) Q&A 5 min Presentations 8 min + Q&A 2 min <ul style="list-style-type: none"> ▫ Observing Paralytic Shellfish Poisoning (PSP) events off the Portuguese coast from space: how can ocean colour sensors help?, Helena Monteiro, CIMA-UAlgarve ▫ Detection and Prediction of Harmful Algal Blooms Using Remote Sensing and Artificial Intelligence, Caio Fonteles, Colab + Atlantic ▫ Marine pollution monitoring using EO and AI, Filipe Brandão, GMV ▫ The role of Copernicus Earth Observation (EO) data for inland water quality monitoring, Miguel Potes, UÉvora
10:40 – 11:00	Coffee break in posters room (20 min)
11:00 – 11:50 (50 min)	Session 6 – Space Studies and EO Labs Moderator: Artur Gil (UAçores - IVAR) EarSLab – MJ Costa, UÉvora – 10 min ESA EOLab – Terceira, Pedro Silva, AIR Centre – 10 min Grupo de Altimetria - Pedro Lima Aguiar, UPorto – 10 min Space Studies Programme – SSP – Portugal Space – 10 min Q&A – 10 min
11:50 – 13:00 (1 h 10)	Session 7 – Postgraduate students projects Moderator: Maria João Costa (UÉvora) Presentations 8 min + Q&A 2 min <ul style="list-style-type: none"> ▫ Sentinel-2 data in wildlife conservation: identifying reserve areas for an endangered small mammal, the Cabrera vole (<i>Microtus cabrerae</i>), Francesco Valerio, UÉvora ▫ Potencial das layers "Riparian Zones" do programa Europeu Copernicus para o cálculo da conectividade ripária, André Fonseca, ISA ▫ A ML approach for scene classification using Sentinel-2 images, Kashyap Raiyani, UÉvora



	<ul style="list-style-type: none"> ▫ Use of Copernicus Sentinel data for monitoring water quality and optical water types (OWT) in Alqueva reservoir, Gonçalo Rodrigues, UÉvora ▫ Preliminary assessment of the optical variability in a well-mixed estuary (Tagus estuary, Portugal), Giulia Sent, MARE-ULisboa ▫ Monitorização da evolução costeira entre Buarcos e São Pedro de Moel, Tiago Rodrigues, FCUL ▫ SatFire2: simulação de área queimada de incêndios florestais, Carlos RG Freitas, 2Ai – School of Technology, IPCA
13:00 – 14:30	Lunch
14:30 – 15:55 (1h 10)	<p>Session 8 – Emergency Management and Security Moderator: Civil Protection (TBC) Copernicus Emergency Management Service – JRC (TBC) – (10 min) Copernicus Security Service:</p> <ul style="list-style-type: none"> - Maritime Surveillance, TBD, EMSA (10 min) - Support to EU External Action, Denis Bruckert, SATCEN (10 min) <p>Q&A 5 min Presentations 8 min + Q&A 2 min</p> <ul style="list-style-type: none"> ▫ EO4 Law - EO derived information in support of Law Enforcement, António Araújo, GMV ▫ SOILRISK: A High-Resolution Predictive Model Application for Landslides, João Gonçalves, EyeCon ▫ OceanEye for Maritime Surveillance, José Freitas, EdiSoft ▫ Cerulean: oil slick detection in open water using Sentinel-1, Rodrigo Almeida, Development Seed
15:55-16:10	Coffee break (15 min)
16:10 – 17:10 (1 h)	<p>Session 9 – Copernicus Innovation Start-ups Moderator: Joan Alabart (Portugal Space) Cassini – EC (TBC) – 10 min O ecossistema de start-ups em Portugal, João Borga, ANI – 10 min ESA-BIC, Jorge Pimenta, IPN – 10 min Q&A – 5 min Daniela Dobрева-Nielsen, AZO Copernicus Master winners (Prize Azores and Prize Atlantic Challenge) – 10 min Ricardo Cabral, Theia – 10 min Q&A – 5 min</p>
17:10 – 17:30	<p>Closing Session Direção - Portugal Space (TBC) Rui Salgado, Direcção do Instituto de Ciências da Terra - Universidade de Évora</p>
18:00	BUS to Lisbon