

Air quality monitoring and management

Workshop

December 17th, 09:00-13:30 **CET**

Tentative program

Time	Title <i>(tentative)</i>	Speaker	Institute
09:00-09:10	Welcome/the EO4GEO program	Andreas Kazantzidis	UPAT
Session A: The basics for air quality monitoring and management			
09:10-09:30	Air quality basics/Copernicus program	Vassilis Salamalikis	UPAT
09:30-09:50	Air quality management basics and EU regulations	Andreas Kazantzidis	UPAT
09:50-10:10	Air quality assessment in Italy: ISPRA activities in the EU directives framework	Giorgio Cattani	ISPRA
Session B: The ground truth: air quality measurements in urban scale			
10:10-10:30	Low-cost sensors for measuring PM _{2.5} : Field Evaluation, calibration and insights for medium size urban area	George Kosmopoulos	UPAT
10:30-10:50	Air quality monitoring through low-cost networks in large metropolitan areas: The case of Athens, Greece	Georgios Grivas	NOA (e-shape project)
10:50-11:20	Break		
Session C: Transforming Earth Observation data into real insights for air quality			
11:20-11:40	Deriving NO ₂ values in the troposphere from Sentinel 5P data during coronavirus outbreak in Romania	Ioana Vlad	ROSA
11:40-12:00	Airborne dust identification from space: a new, MSG/SEVIRI-based method for air quality assessment	Valerio Tramutoli	UNIBAS
12:00-12:20	EO data to support estimation of wildfires atmospheric emissions: a contribution to the assessment of the air quality	Antonella Tornato	ISPRA
Session D: Air pollution modelling: what is it and what can it tell us?			
12:20-12:40	Forecasting Particulate Pollution in an Urban Area: From Copernicus to Sub-Km Scale	Ioannis Kioutsioukis	UPAT
12:40-13:00	High resolution spatio-temporal modeling of air quality based on empirical-statistical approaches	Giorgio Cattani	ISPRA
13:00-13:20	Urban air pollution mapping towards protecting human health: from SMURBS practice to e-shape pilots	Eleni Athanasopoulou	NOA (e-shape project)
13:20-13:30	Closing remarks - conclusions	Andreas Kazantzidis	UPAT