

S2-P3: EO-based pollution-health risks profiling in the urban environment

A Webinar on the 'Health Surveillance Air Quality-HSAQ' Pilot
1 April 2022, 10:00-11:00 (CET)

Lead Partner: National Observatory of Athens (Evangelos Gerasopoulos)

Partners: German Aerospace Center (DLR), Finnish Meteorological Institute (FMI), Consiglio Nazionale delle Ricerche (CNR), International Institute for Applied Systems Analysis (IIASA), DRAXIS Environmental S.A.

We e-shape EuroGEO

e-shape is the flagship European project bringing together key European actors to ensure the optimal implementation of EuroGEO and, eventually, the delivery of EO-based benefits to a wide range of stakeholders in key societal areas

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Pilot 2.3 | EO-based pollution-health risks profiling in the urban environment



Partners: NOA, DLR, FMI, CNR, IIASA, DRAXIS

<https://e-shape.eu/index.php/showcases/pilot2-3-eo-based-pollution-health-risks-profiling-in-the-urban-environment>

- Air pollution data and land use/health/socio-economic features of cities
- Public health assessment and urban planning
- Citizen science integration with official measurements
- Pollution mitigation scenarios and provision of alerts
- Awareness on AQ implications on public health

Objectives of this webinar

- To **introduce the** newly developed TEASER **online platform**: a *marketplace of services* with global and unique city components utilizing a variety of existing EO infrastructure for health surveillance purposes.
- To interact with existing stakeholders towards the **optimization of the TEASER**
- To **inform new stakeholders**
- To introduce the [e-shape Help Desk](#): a key tool for linking users with the pilot teams and to ensure efficient and fruitful exchange between “clients and service providers”

<https://helpdesk.e-shape.eu/>

| 37 pilots

| 7 thematic areas

| 9 services

| 20 **more than**
success
stories



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About e-shape Help Desk

The e-shape Help Desk is a key tool for linking users with the pilot teams and to insure efficient and fruitful exchanges between “clients and service providers”. With our dedicated helpdesk we aim to please and strive to provide our users with quality service and support EO communities.

Our main goal is to answer questions, resolve support issues of users, establish credibility and nurture relationships. e-shape support

Agenda



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10.00 - 10.10	Welcome –Scope of webinar (Evangelos Gerasopoulos, NOA)
10.10 - 10.15	Air quality-health aspects in world's megacities (Marion Houdayer, DLR)
10.15 – 10.20	Population exposure to urban air pollution – The Athens pilot (Eleni Athanasopoulou, NOA)
10.20 - 10.25	The industrial footprint on urban air quality – Finnish cities (Iolanda Ialongo, FMI)
10.25 - 10.30	Addressing the UN SDGs – The pilot of Bari (Mariella Aquilino, CNR)
10.30 - 10.35	Health risk assessment due to air pollution exploiting World Settlement Footprint – Munich Pilot (Lorenza Gilardi, DLR)
10.35 – 10.40	Demonstration of the HSAQ Teaser Platform (Eleni Athanasopoulou, NOA)
10.40 – 11.00	Live Q&A session
	Closing remarks