PANAME: a portal laboratory for city's environmental data

Vincent Douet¹, Sophie Bouffiès-Cloché¹, Joanne Dumont¹, Martial Haeffelin², Jean-Charles Dupont², Simone Kotthaus², Valéry Masson³, Aude Lemonsu³, Valerie Gros⁴, Christopher Cantrel⁵, Vincent Michoud⁵, and Sébastien Payan⁶

¹AERIS/IPLS (vincent.douet@ipsl.fr)
²IPSL
³Metéo France
⁴LSCE
⁵LISA
⁶ERIS - CNRS - IPSL - Sorbonne Université

The urban is at the heart of many disciplinary projects covering very broad scientific areas. Acquired data or simulations are often accessible (when they are) via targeted thematic portals. However, the need for transdisciplinarity has been essential for several years to answer specific scientific questions or societal demands. For this, the crossing of human sciences data, health, air quality, land use, emissions inventories, biodiversity, etc., would allow new innovative studies in connection with the city.

PANAME (PAris region urbaN Atmospheric observations and models for Multidisciplinary rEsearch) developed by AERIS was designed as the first brick of a data portal that can promote the discovery, access, cross-referencing and representation of urban data from various sectors with air quality and urban heat islands as a starting point. The portal and future developments will be discussed in this presentation.