

Welcome to the IES

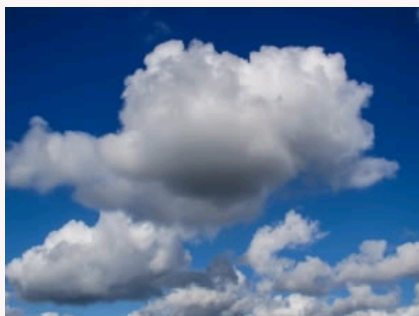
The Institute for Environment and Sustainability (IES) is one of the seven scientific institutes of the European Commission's Joint Research Centre (JRC). Its mission is to provide scientific and technical support to EU policies for the protection of the European and global environment.

Located in Ispra, Italy, the IES carries out research to understand the complex interactions between human activity and the physical environment, and how to manage strategic resources (water, land, forests, food, minerals, etc.) in a more sustainable manner. Together with other JRC institutes, the IES provides the scientific basis for the conception, development, implementation and evaluation of EU policies that promote the greening of Europe and the global sustainable management of natural resources. It also works in partnership with other Directorates General to support the strategic priorities of the European Commission.

The Institute brings together multi-disciplinary teams who work with observations and numerical analyses, and develops the ICT infrastructures necessary to share observations and data. It combines this in-house expertise with its role as a scientific catalyst in order to provide the knowledge base necessary to assess the social, environmental and economic aspects of policy options.

The IES plays an active role in partnerships within the EU and global scientific communities which are a prerequisite for finding sustainable solutions to today's global environmental challenges.

Highlight: Reference Report on Air Pollution Source Apportionment with Receptor Models



The IES has published a JRC Reference Report containing a guide and a European harmonised protocol for identifying atmospheric pollution sources using receptor models. The objective of the report, compiled in collaboration with the European networks of experts in the field of air quality modelling and measurements

is to disseminate and promote the best available methodologies for source apportionment using receptor models and to harmonise their application across Europe. It includes tutorials, technical recommendations and checklists.

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