



Contribution ID: 176

Type: **not specified**

Defining the e-Infrastructure needs of European Environmental Research Infrastructures - Talk by Pasquale Pagano

Thursday, 29 March 2012 09:00 (45 minutes)

The ENVRI project, “Common Operations of Environmental Research infrastructures” is a collaboration in the ESFRI Environment Cluster, with support from ICT experts, to develop common e-science components and services for their facilities. The target is on developing common capabilities including software and services of the environmental and e-infrastructure communities across the very diverse research infrastructures that can be deployed and operated at scale through collaboration with e-Infrastructure providers. This presentation will focus on the common challenges across the research infrastructures relating to data capture from distributed sensors, metadata standardisation, management of high volume data, workflow execution and data visualisation that are faced by applied scientists in this domain, and the early work going on in the project relating to the common standards, deployable services and tools that they will need to undertake their research.

Wouter Los is the project coordinator of the FP7 ENVRI project and led the LifeWatch ESFRI preparatory project to provide an e-science and technology infrastructure for biodiversity research. By training a theoretical chemist, he has held positions at the Universities of Leiden and Amsterdam, as well as being Director of the Institute for Taxonomic Biology. He has also held positions as Chair and Vice-Chair within a number of committees, including the Science Committee of the Global Biodiversity Information Facility and the Society for the Management of European Biodiversity Data and was recently a member of the High Level Expert Group on Scientific Data.

Session Classification: Keynote