

Earth Science Activity On Grid

Earth Science Grid Partners:

Western and Eastern Europe, Russia and Turkey, 9 Virtuals Organisations.

Participants and/or actors in the most important Earth Science organisations

Climate - GReIC

CMCC (Italy), IPSL (France), Univ Cantabria (Spain), SCAI (Germany)

Legend: XML Metadata, Personal Metadata, Metadata Provider, Data Provider

Flood

EMA (France), IISAS (Slovakia), SRI (Ukraine)

Flood map for Normanton area, Queensland, Australia derived from RADARSAT-2 14-17 Feb 2009 (SRI)

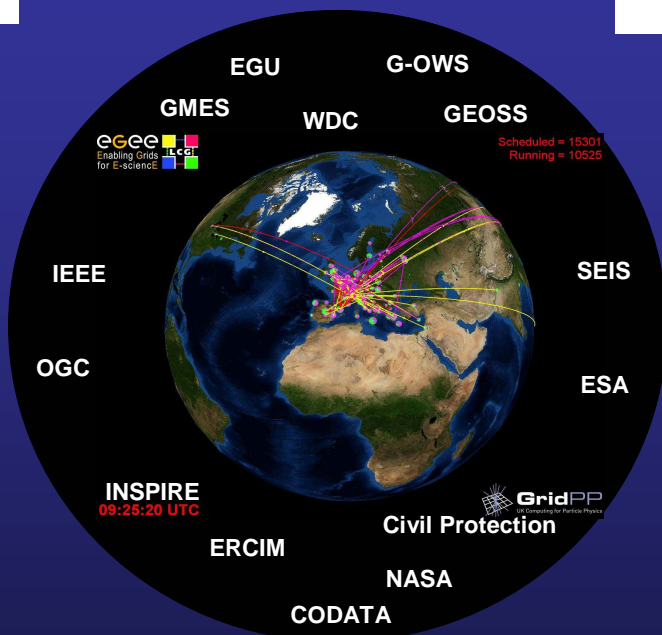
Biodiversity

BRGM (France), Footways(France),JKI (Germany)

Climatology, crop, soil, pesticides Scenarios

Climate - El Niño

Univ. Cantabria (Spain)



Meteorology

Greece: AUTH, IASA, NOA; SRI (Ukraine), GCRAS (Russia)

From IASA

Geosciences- Geocluster

CGGVeritas -France: DSI-IRD, Geoazur, IPGP, IPGS, ISTEP, Sisyphe, UBO, Univ. lausanne (CH)

Seismology

AUTH (Greece), IPGP (France), AUTH (Greece), Bogaziçi Univ. (Turkey), Univ. Patras (Greece), INFP (Romania)

From E. Clévéde - IPGP

Pollution

IPP-BAS (Bulgaria), IASA (Greece), EnvVO-SEEGRID

From IPP-BAS

Geospatial platform

IMAA(Italy), INFN(Italy), EMA (France), Univ. do Minho(Portugal)

Hydrology

CRS4 (Italy), Univ. Genève (CH), Univ. Neuchâtel(CH), INHGA (Romania), Institute for Water Resources "Jaroslav Cerni", Belgrade and CSASA at University of Kragujevac, Serbia

Forecasting seawater intrusion in a coastal aquifer From J. Kerrou Univ. Neuchâtel

Success Stories:

Springer - Earth Science Informatics, Special Issue « Grid Computing in Geosciences" with 12 papers 2, 1-2, pp139, 2009
5PhDs, several proceedings of conferences and workshops
Since 2008, 2 Sessions about Grid and Earth Science and a booth at EGU

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