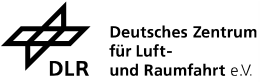




Helmholtz Research Network „Integrated Earth Observing System“



Helmholtz-EOS

Status: Oct. 6, 2006



Forschungszentrum Jülich
in der Helmholtz-Gemeinschaft

Steering Committee

Prof. Dr. Thiede Prof. Dr. Kaysser Prof. Dr. Bachem Prof. Dr. Emmermann



Research Topics

Starting summer 2006

Ice and Ocean

Lead:

Prof. Lemke, AWI

- ↻ Sea Ice and Ice Sheets (AWI, DLR, GFZ)
- ↻ Sea Level (AWI, GFZ)
- ↻ Oceanic Dynamics and Primary Productivity (AWI/GKSS, GFZ, DLR)
- ↻ Coastal Zones (AWI, GKSS, DLR, GFZ)
- ↻ Atmospheric variability in Polar Regions (DLR, GFZ)

Disaster Management

Lead:

Dr. Merz, GFZ

- ↻ Early Warning Systems (AWI, DLR)
- ↻ Flood Information System (DLR, AWI/GKSS)
- ↻ Disaster Mitigation in Megacities (DLR, GFZ)
- ↻ Monitoring of Fire and Volcano Events (DLR, GFZ)
- ↻ Crisis Information Systems (DLR, GFZ)

Land Surface Processes

Lead:

Prof. Dech, DLR

- ↻ Semi-arid Spaces (DLR, GFZ)
- ↻ CO2 Balance (DLR, AWI, GFZ)
- ↻ Urban areas (DLR, GFZ)
- ↻ Management of Ecosystems (DLR, GFZ)

Atmospheric Water Cycle

Lead:

Prof. Kottmeier, FZK

- ↻ Development, Application and Testing of new Measuring Methods (FZK, DLR)
- ↻ Diagnosis of Water Cycle Processes (FZK, FZJ)
- ↻ Quantitative regional Water Cycle (FZK, GKSS)

Research Field Transportation and Space

Research Field Earth and Environment

Helmholtz PhD Programme, Summer School