



GEO 2009-2011 Work Plan: ST-09-01 and ST-09-02





ST-09-01: Catalyzing Research and Development (R&D) Funding for GEOSS

- **Encourage national governments and international organizations to address GEOSS Science and Technology needs in their R&D programmes**
 - i. **Plan and conduct R&D activities in support of GEOSS implementation**
 - ii. **Contribute relevant R&D activities (planned or ongoing) to GEOSS implementation**
 - iii. **Identify and earmark funding sources for those activities**
 - iv. **promote GEOSS throughout the process**
- **Leads: EC (RTD), IIASA (tbc)**



ST-09-02: Promoting Awareness and Benefits of GEO in the Science and Technology Community

- **Engage research community in GEOSS to achieve breakthroughs in understanding Earth's changing environment**
 - i. **Connect disciplines to address complex issues of global integrated Earth system**
 - ii. **Improve interoperability between global observing systems, modeling systems, and information systems**
 - iii. **Facilitate data sharing, data archiving, data dissemination, and reanalysis**
 - iv. **Optimize recording of observations, assimilation of data into models, and generation of data products to improve understanding of the global integrated Earth system**
 - v. **Enhance value of global observations from individual observing systems through their integration in the societal benefit areas**
 - vi. **Harmonize well-calibrated, high-accuracy, stable, sustained in-situ and satellite observations of the same variable recorded by different sensors and different agencies**
- **Leads: EC (RTD), COSPAR (tbc), IIASA (tbc)**