



COMMITTEE ON EARTH OBSERVATION SATELLITES

## Technology and Services Subgroup

---

# About Technology and Services Subgroup

Chair: Paul Kopp (CNES), Vice Chair: Dingsheng Liu (NRSCC)

The Technology and Services Subgroup (TSSG) of the CEOS Working Group on Information Systems and Services (WGISS) covers the **internal management of data**, the **creation of information systems** and the **delivery of interoperable services**.

The interests of the Subgroup span the **full range of the information processing chain** from the initial ingestion of satellite data into archives through to the incorporation of derived information into end-user applications.

The **creation and standardization of metadata** to support the discovery of, and access to, data is an important aspect of this work.

The **co-ordination of member Agency computer networks**, making use of the Internet where appropriate, is also a major feature of the activities.

(from <http://wgiss.ceos.org>)

---

### Task Teams

- Archive (Kengo Aizawa, JAXA)
  - The ATT is responsible for promoting, encouraging exchange and communication of Archive and records management best practices between the members of WGISS.
- International Directory Network (Lola Olsen, NASA)
  - The IDN is a discovery service that provides free access to Earth science metadata and frequently provides links directly to data sets.
- Interoperable Catalogue System (Jolyon Martin, ESA)
  - CEOS ICS provides a unique forum for the exchange of information and experience related to catalog interoperability for Earth Observation Systems.
- Data Services (Shinobu Kawahito, JAXA)
  - The Data Services task team serves as a forum for exchange of technical information about WWW / Internet related software technologies of interest to the CEOS community. This includes Web services in general and Web mapping services (such as those based on OGC specifications) in particular.

---

### Task Teams (continued)

- Grid (Guoqing Li, NRSSC)
  - The purpose of the Grid Task Team is to investigate the **applicability of Grid technologies to CEOS needs**, to share experience gained from the effective use of these technologies and make recommendations for their application.
- EOGEO Workshop (Allan Doyle, EOGEO, & Clive Best, JRC)
  - The EOGEO Workshop provides **a forum in which technical information, primarily centered around interoperable software, can be shared** among members of CEOS and the general Earth Observation industry.

### Relationship with GEO

Each task team leader should keep in mind that GEO must be able to benefit from the task team achievements. A list of possible support activities to GEO from T & S Subgroup was sent for review in June. Needs more discussion.

### Future of the T & S Subgroup

- New technologies to explore?
- New task teams needed?

---

# Agenda

## *Tuesday*

- Interoperable Catalogue System Task Team
- Grid Task Team
- CEOS Interoperability Handbook Discussion
- Data Services Task Team

## *Wednesday*

- EOGEO Workshop
- Archive Task Team
- International Directory Network Task Team

## Homework for Task Team Leaders

Each task team leader is invited to write a report highlighting the major outputs of the task team activity since Budapest. The subgroup chair will summarize the major points and add subgroup specific highlights.



---

**Have a nice meeting!**