GEOSS Secretariat

- 1.Convergence of Observations in-situ, and satellite
- 2.Data Integration
- 3.Capacity Building
- 4.User Forum / User Interface / Outreach

conclusion

- Observing Networks must be sustained at the state of the art of science and technology

- Free, open, unrestricted data easily accessible in real-time are fundamental and necessary for GEOSS AP

- Basic scientific research is an essential link between GEOSS observing components and society benefits, and necessary for sustaining observations

- GEO should engaged CTBTO for open and unrestricted release of International Monitoring System data to GEOSS

- Efforts to extend earth monitoring capabilities into oceans must be accelerated in order to mitigate earthquake and tsunami hazards which effect and impact increasingly heavily populated coastal areas in AP.

- Combination of GPS and inSAR space observations for monitoring geohazards is a promising technology for the entire AP.

Conclusion

Data should be open to research and should be
constantly used.
Deployment-operation-maintenance-research
should   be supported as a whole
in-site, satellite, ocean bottom,
information to people, understand and describe data
to people (local government)
Capacity building
earthquakes are more local event?
Terminology, (fully apply to earthquakes, volcanoes,
Fully access dada, open data,

Proposed GEOSS AP recommendations

- **Existing GEO Seismology Task**
  - **Recognize DI-06-02 as GEO coordinating Task for Asia-Pacific activities**
  - **Japan's role as "Asia-Pacific" instead of "DAPHNE"**
- **Data sharing**
  - **Asia-Pacific focus**
  - **Real-time data emphasized**
- **Sustaining the Facility at the state of the art**
  - **scientific**
  - **technology**
- **CTBTO permit to access IMS open data access**
- **Synergy of Science and Operations (?)**

Conclusion

Great earthquakes are rare but can be extremely damaging

Long-term monitoring for such events is difficult

Because

    Network for only monitoring purposes is impractical.

    Insufficient knowledge

    More research and development are necessary

Instrument Network

    Data should be open to research and should be

    constantly used. Prerequisite for reliable operation

    Deployment-operation-maintenance-research should

    be supported as a whole.