What we need

- **Framework of observation**
  - Network (cross-site, different spatial scale, International, between organization, among different disciplinary)
  - System for continuity (routine)
  - Strengthen in-situ observation
  - Sites for integrated observations (multi-scale, multi-disciplinary)
  - Hierarchial system for observation
  - Communication with other communities
  - Include human dimension
- **Methods for observation**
  - Standardization or harmonization of observation methods
  - Methods to link in-situ and remote sensing
  - Long-term observation (repeatability etc.)
  - Impact-response scenario
  - Use IT
- **Information**
  - Data sharing
  - Interoperability
  - Integration for the user scenario
- **Developing predicting models**
- **Taxonomy**
- **Capacity Building**
  - Collaboration with non-scientists
  - Developing countries
- **Outreach**
- **New tasks?**

Summary Report (draft)

- Asia-Pacific region includes variety of ecosystems, which includes from low to high latitudes. However, human population and economics are growing rapidly in this region to cause interactive effects with global warming, and it is expected that the effect would extend.

- To establish effective observing system to monitor the impacts and develop adaptive measure of global warming, it is expected that Asia-Pacific nations coordinate the observation network with the aim of protecting the ecosystems and biodiversity in the Asia-Pacific region under the framework of GEOSS

- GEO is expected to accelerate the following GEOSS tasks especially
  - EC-06-02: Ecosystem Classification and Mapping
  - EC-06-07: Regional Networks for Ecosystems
  - EC-07-01: Global Ecosystem Observation and Monitoring Network
  - BI-06-03: Capturing Historical Biodiversity Data
  - BI-07-01: Biodiversity Observation Network
- Collaboration
- Conservation
- Capacity bulding