GEOSS Symposium on Integrated Obsevation for Sustainable Development in the Asia-Pacific Region

> Majid Azadi I.R. Iran Meteorological Organization (IRIMO)

> > Tokyo, Japan, 2007

• GEO

- 58 Nations
- European Commission
- 43 Participating Organizations

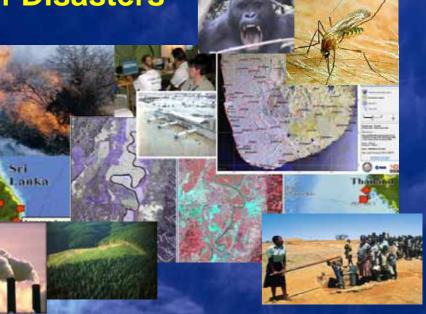
• GEOSS

 A globally coordinated, comprehensive and sustained system of Earth observation systems

GEO's Transverse Approach...

9 Societal Benefit Areas

Reduction and Prevention of Disasters
 Human Health
 Energy Management
 Climate Change
 Water Management
 Weather Forecasting
 Ecosystem
 Agriculture
 Biodiversity



• Earth Observation Summit (EOS) I

- July 31, 2003, Washington, DC
- 34 Countries and 20 International Organizations



Earth Observation Summit II

EOS II

• EOS II

- April 25, 2004, Tokyo, Japan
- 47 Countries and 26 International Organizations

EOS III

- February 2005, Brussels
- Nearly 60 Countries, EC and over
 40 International Organizations



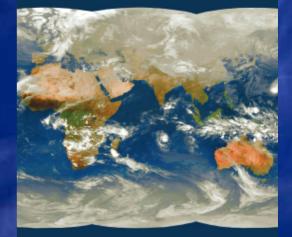
EARTH OBSERVATION SUMMIT III : RESOLUTION

 Formally established the Group on Earth Observations (GEO)

• Adopted GEOSS 10-year Implementation Plan

 Endorsed the creation of a Secretariat GEO 1000R February 200

Global Earth Observation System of Systems GEOSS



10-Year Implementation Plan Reference Document Group on Earth Observations

- After summit III ,the national secretary of GEO has been established in IRIMO
- **Relevant ministries/organizations**
- Ministry of Technology and higher education
- Ministry of Energy
- Ministry of Jahad and Agricalture
 - Ministry of health
 - **Environmental organization**
 - Iran Space Agency
 - **Ministery of Defence**

 Data and products exchange through GTS Flood Warnings Tsunami Warnings Weather forecasts

Public through media Research commiunity Some organizations have direct link and access to IRIMO's data and products

Installing VSAT for neighboring countries in the region
Tajikestan (Implemented, 2006)
Afghanistan (planned)
Azerbaijan (Planned)
Iraq (Planed)

 Holding training courses for experts and managers of meteorological services in neighboring countries including Iraq, Afghnistan, Tajikestan

Holding national workshops ,conferences and meetings such as:

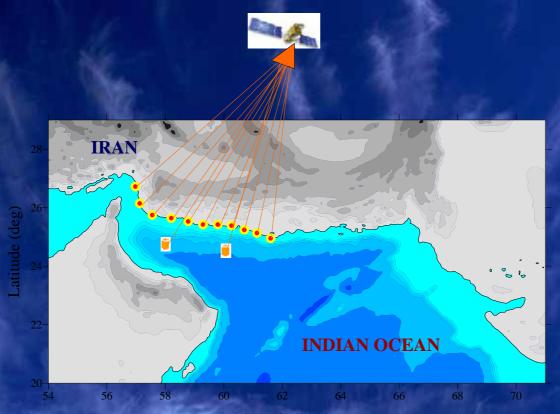
- NWP workshop
- Climate change conference
- Space week workshop
- Civil aeronatical organization

(yearly) (yearly) (yearly)

(every 2 weeks)

 Implimenting joint projects such as: Abniroo project for establishing a flood warning system using MM5 and HMS models with the cooperation of water recourse management

Iranian National Tsunami Warning System (INTWS)



Longitude (deg)

Iranian National Center for Oceanography (INCO) International Institute of Earthquake Engineering and Seismology(IIEES) University of Tehran (UT) National Cartographic Center (NCC) Geological Survey of Iran (GSI) Islamic Republic of Iran Metrological Organization (IRIMO)

Time table for INTWS

