

# **Collaboration of CSSTEAP/ISRO with UNOOSA/UNSPIDER**

## **Association with UN-SPIDER and tasks carried out together**

- **UNOOSA provides grant for international travel of RS&GIS PG Course participants every year for the last 20 years**
- **UNOOSA/UNSPIDER involved in administrative and academic activities**
  - **Governing Board meetings – every year**
  - **Advisory Committee for course syllabus evaluation and update**
- **CSSTEAP enjoys the benefits UNSPIDER's global linkages in advertising the courses and nominations**
- **Joint organization of Capacity Building programmes through Special courses on DRR (2013, 2014, 2015)**
- **Organization of alumni meets during UNSPIDER platform**
- **UNSPIDER uses CSSTEAP Alumni link for enhancing and utilization of capacity built in different countries for their DRR programmes**
- **Facilitation of Earth Observation data for capacity building programmes – country specific**



# Support to UNESCAP & UNOOSA

## Philippines– Typhoon Haiyan – November, 2013

1. RISAT-1 – 15 scenes (12-Nov-2013)
2. ResourceSat-2 AWiFS – 1 scene (12-Nov-2013)
3. Carto-2 – 2 scenes (18-Nov-2013)

## China – Floods – August, 2013

1. ResourceSat-2 AWiFS – 1 scene (20-Aug-2013)
2. RISAT-1 – 4 scenes (20-Aug-2013)

## Bangladesh– Cyclone Mahasen – May, 2013

1. RISAT-1 – 2 scenes (17-May-2013)

## Iraq– Floods – May, 2013

1. ResourceSat-2 AWiFS – 1 scene (07-May-2013)
2. ResourceSat-2 LISS-III – 2 scenes (07-May-2013)

## Philippines – Typhoon Bopha – December, 2012

1. RISAT-1 – 4 scenes (07-Dec-2012)

## China – Earthquake – September, 2012

1. CartoSat-1 PAN – 6 scene (08-Sep-2012)
2. CartoSat-2 PAN – 7 scenes (08-Sep-2012)

## Philippines – Floods – August, 2012

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## **Benefits of association/Impact of the work**

- **UNSPIDER Nodal Agency for DRR – Beijing office takes care of Asia Pacific Region- benefitting both, more capacity building**
- **Use of UNSPIDER Linkages during regular (PG and Short Courses) and Special & Focused programmes on DRR**
- **Sponsorships and nominations from user agencies**
- **Exchange of the expertise – subject experts involvement**
- **UNSPIDER Shares global-linkages, understand requirements and exchange of best practices for DRR and latest development e.g. Sendai Framework**
- **Access to high EO resolution data through UNSPIDER for research on DRR**

# Collaboration of CSSTEAP/ISRO with UNOOSA/UNSPIDER

## Expectation/future plans

### Mutual benefits

- CSSTEAP/ISRO has faculty & subject expertise on RS&GIS, GPS, SATCOM, SATMET, GNSS under one-roof and can share experience with countries of AP Region both in technology and its applications – UNSPIDER can continue involve CSSTEAP and take benefit in different modes, may be in mission mode
- UNSPIDER has wider reach and global linkages among government, NGOs, INGOs, institutes, etc. in AP Region, thus need to play more proactive role for benefit of the Centre in better country representation in DRR
- Sponsorships and nominations for long-term courses (RS&GIS, SATCOM, SATMET and GNSS) from UNSPIDER will benefit countries and also contributes in financial obligations

# Collaboration of CSSTEAP/ISRO with UNOOSA/UNSPIDER

## Expectation/future plans

- Fully or Jointly funded joint organization of short courses on DRR – to continue at the Centre and other countries, e.g. Bhutan in 2015
- Joint Development of training material (manual) for DRR and involvement of CSSTEAP/ISRO in joint capacity building programmes – Sendai Framework
- IIRS/ISRO is doing E-learning/distance education on RS&GIS and application, very advance studio facility, we can find possibilities of collaboration on MOOC
- IIRS/ISRO has developed Apps for DRR crowd sourcing
- Coordinate and strengthen inter-UN Regional Centre cooperation in sharing experience