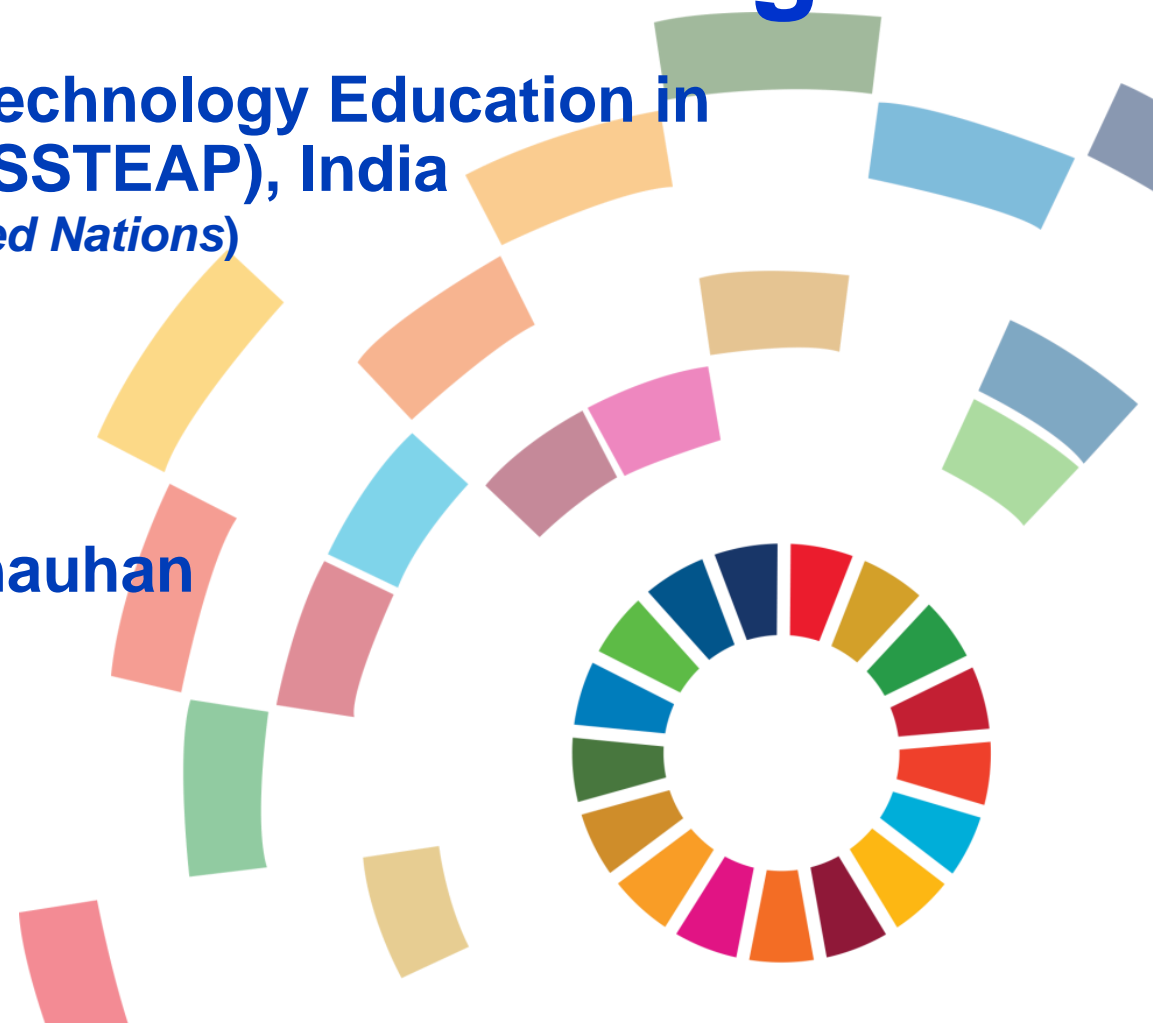


# Capacity Building in Asia Pacific Region

**Centre for Space Science and Technology Education in  
Asia and the Pacific (CSSTEAP), India**  
*(Affiliated to the United Nations)*



**By**  
**Dr. Prakash Chauhan**  
**Director**



# Educational Programs

## Postgraduate Courses on

**Remote Sensing & GIS  
(RS & GIS) Every Year**

**Satellite Communication (SATCOM) &  
Global Navigation Satellite Systems  
(GNSS)  
Alternate Odd Year (OY)**

**Satellite Meteorology & Global  
Climate (SATMET)  
Alternate Even Year (EY)**

**Space and Atmospheric Sciences  
(SAS)  
Alternate Even Year (EY)**

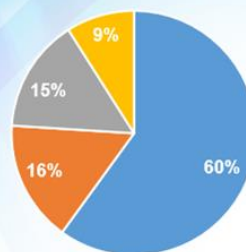
### Short Courses

**Disaster Risk Reduction  
Small Satellite Missions  
user demand based courses**



Class Room activity

### Overall Course Organization



- Lectures
- Practicals/ pilot projects/ demo
- Field Work
- Self study/ seminars/ Exams

**Total Hours: 1200+60 (Exams)  
75% - Hands-on training**



Dr K Sivan with RS/GIS course participants 2018



# Achievements of 25 years



## 61 PG courses

24 RS & GIS

12 SATCOM

11 SATMET

11 SAS

3 GNSS



## 60 short courses

37 RS & GIS

8 SATCOM

4 SATMET

3 SAS

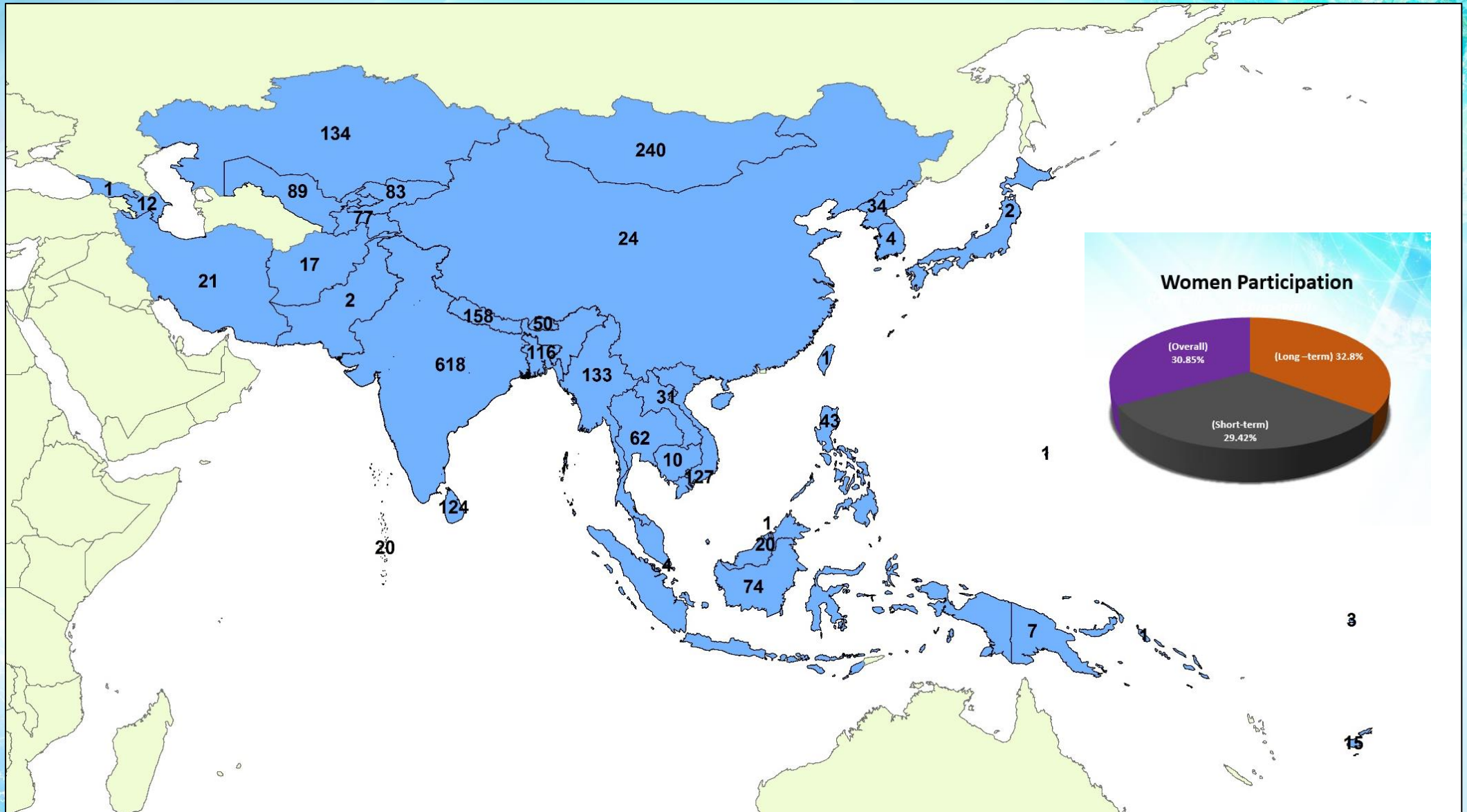
8 SSM



**2394 participants from 36 countries from AP region and 20 countries beyond AP region**



# Country wise Participants in Asia-pacific Region



## ☐ The status of implementation of Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018-2030) in your country/organization,

### ☐ Disaster risk reduction and resilience

- CSSTEAP has been regularly organizing short courses on DRR. To name a few in recent years on:
  - Disaster Risk Reduction with special emphasis on Floods and Earthquakes - during May 28- June 22, 2018. (18 participants from 07 countries)
  - Application of Geospatial Technologies with special emphasis on Floods and Forest Fires - during May 20- 31, 2019. (23 participants from 05 countries)
  - Use of Space Technology in Post Disaster Rapid Damage Assessment - during March 11-15, 2019 at Myanmar. (50 participants.
  - Conducted webinar on Application of Remote Sensing in Hydro meteorological and Geological Disasters - during September 17– 20, 2019. (148 participants from 12 countries)

### ☐ Connectivity for the 2030 Agenda for Sustainable Development

- CSSTEAP is committed to achieve the SDGs and have included SDGs in its core courses and following topics are covered related to SDGs

### ☐ Good practice in combating covid-19 and lessons learnt

- CSSTEAP is jointly organizing MOOC on Geospatial Applications for Disaster Risk Management to be with UNOOSA during Sept/Oct. 2020.
- Other courses through Distance Learning Programmes (DLP) and Webinar are also being planned

### ☐ Other issues, including requests for assistance, advice on partnerships and agreements you participate in, new and innovative activities or advances relating to the use of space applications in your country/organization, etc.

- Networking with institutions like ESCAP, ICIMOD for contributing towards sustainable development in this region.

# THANK YOU

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