



# Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP)

*(Affiliated to the United Nations)*



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# Centre for Space Science and Technology Education in Asia and the Pacific

## CSSTEAP (*Affiliated to the United Nations*)

UN-OOSA notified **India** as the host country to establish Centre for Space Science & Technology Education in Asia and the Pacific (CSSTEAP) and was established in 1995 at Dehradun (IIRS campus)

**Resolution 45/72** of the UN General Assembly 1990

**17 GB Member Countries**

**Observers: UNOOSA and ITC, The Netherlands**

**Chairman, ISRO & Secretary DOS, GB Chair**

**64 PG courses**

25 RS & GIS

12 SATCOM

12 SATMET

12 SAS

3 GNSS

**77 short courses**

44 RS & GIS

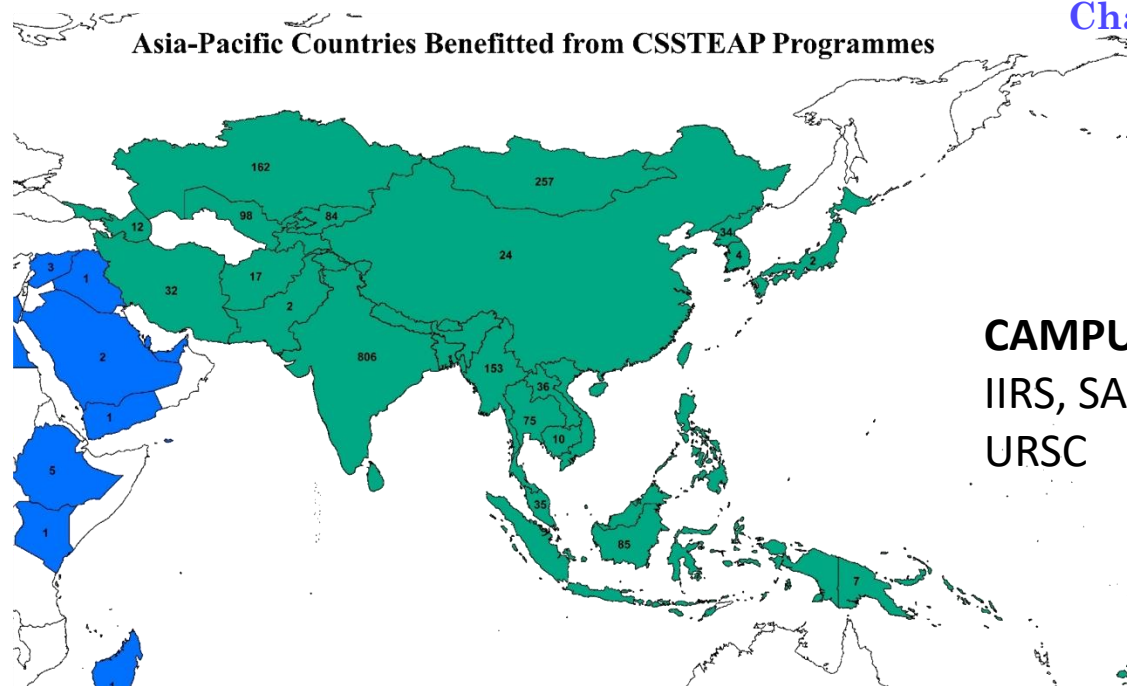
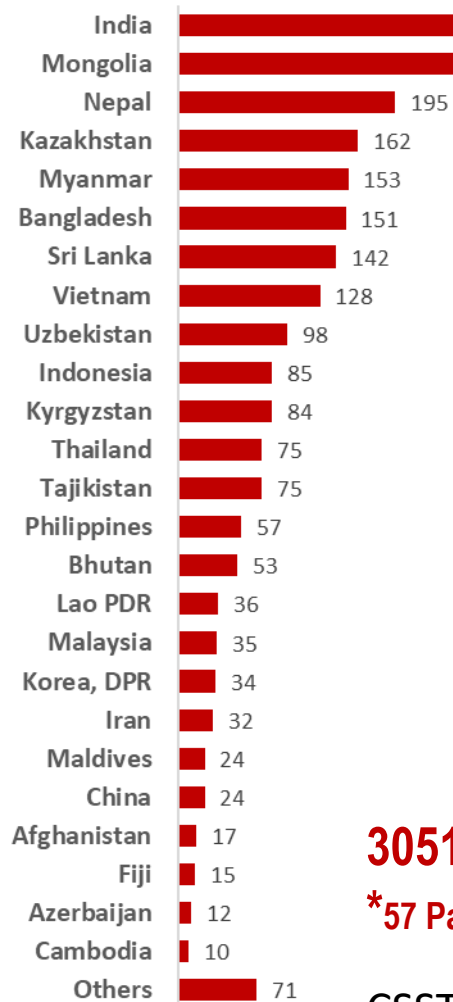
8 SATCOM

7 SATMET

5 SAS

1 GNSS

11 SSM

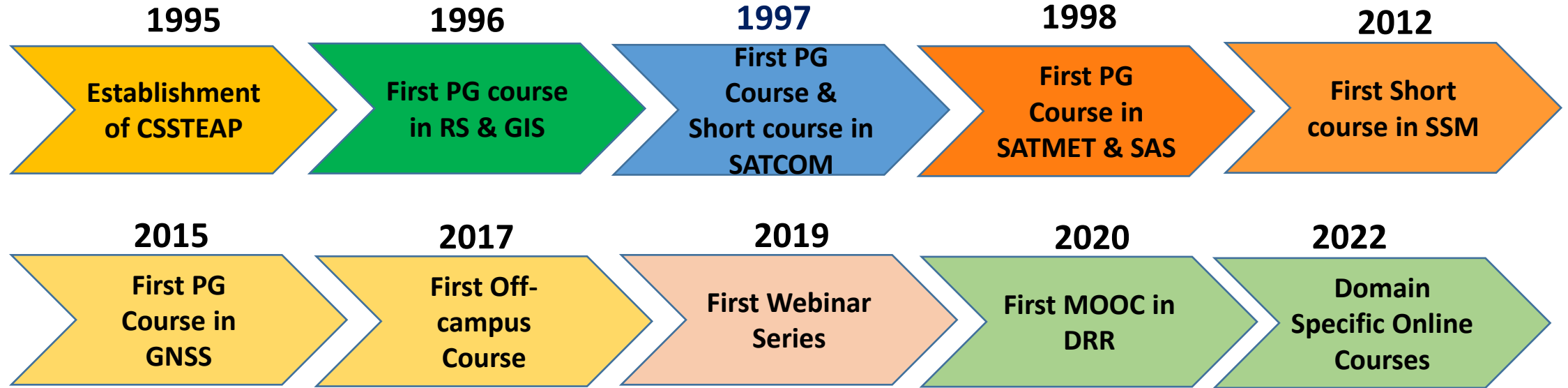


**3051 Participants Benefited**

**\*57 Participants from 24 countries other than AP region**

CSSTEAP has also supported in various UNOOSA capacity building initiatives

# CSSTEAP Program Milestones





# CSSTEAP Activities in support of UNOOSA



Contribution in Technical Advisory Mission to Philippines as part of UN-SPIDER programme on use of space technology for DRR

Post Symposium Tutorial on “Space-based Data for Climate Monitoring and Climate Change Impact” as part of UN/Austria Symposium 2022 - Space for Climate Action Training on 19th September 2022 conducted by CSSTEAP with UNOOSA (73 participants from 18 countries)

CSSTEAP is involved in Curriculum Development in “Access to Space for All” which focuses on

- ❖ Hyper-gravity and Microgravity;
- ❖ Satellite Development



## Space-based Data for Climate Monitoring and Climate Change Impact

**19 September 2022 4:00-10:30 UTC (9:30-16:00 Indian Standard Time)**

- ❖ *The course aimed to provide a basic background on the earth observation derived data available for climate change studies.*
- ❖ *Information on EO retrieved data compatible for climate change studies and how the information can be used for various climate change impact studies especially on extreme weather events in the tropical regions where the majority of the global populations lives.*

**Scientific  
talk (45 min  
+ 15 min  
discussion)**

1. *Extreme Weather and Climate Change*
2. *Satellite Meteorology: Present Capabilities and Future Prospects*
3. *EO for Climate Change Induced Disasters*

*Lunch Break (60 min)*

**Demonstration  
(45 min + 15 min  
discussion)**

1. *National Information System for Climate and Environment Studies (NICES)*
2. *MOSDAC :Satellite Meteorological and Oceanographic Data and its Analysis*
3. *VEDAS : Platform for Visualisation and Analysis of Earth Observation Data*



# *Growing International Alumni Network*



**Thank you for your attention**



[www.cssteap.org](http://www.cssteap.org)