

# YOUTH INVOLVEMENT IN S&T FOR CLIMATE CHANGE

Southeast Asia Disaster Prevention Research Initiative  
(SEADPRI-UKM)

Asian Network on Climate Science and  
Technology (ANCST)

**e-Asia Pacific Science and Technology  
Conference for Disaster Risk  
Reduction**

15 October 2020

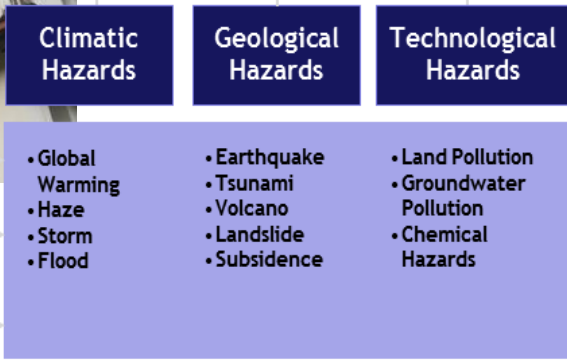


# ICoE-SEADPRI-UKM:



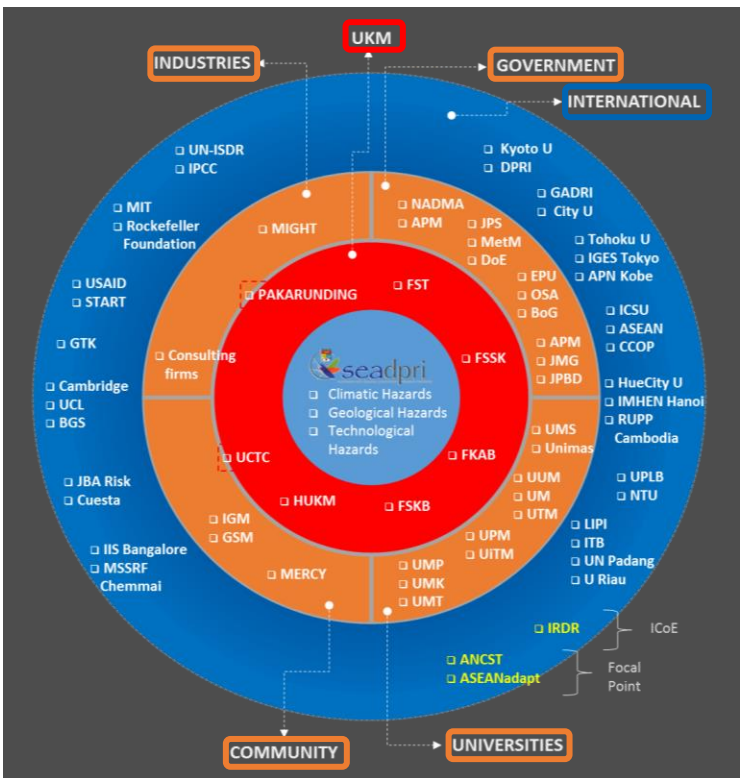
## Core Academic Expertise

- Holistic and integrated approach (science, technology, impact, vulnerability & governance)
- Multidisciplinary research development & training to reduce risk of:
  - Climatic Hazards
  - Geological Hazards
  - Technological Hazards



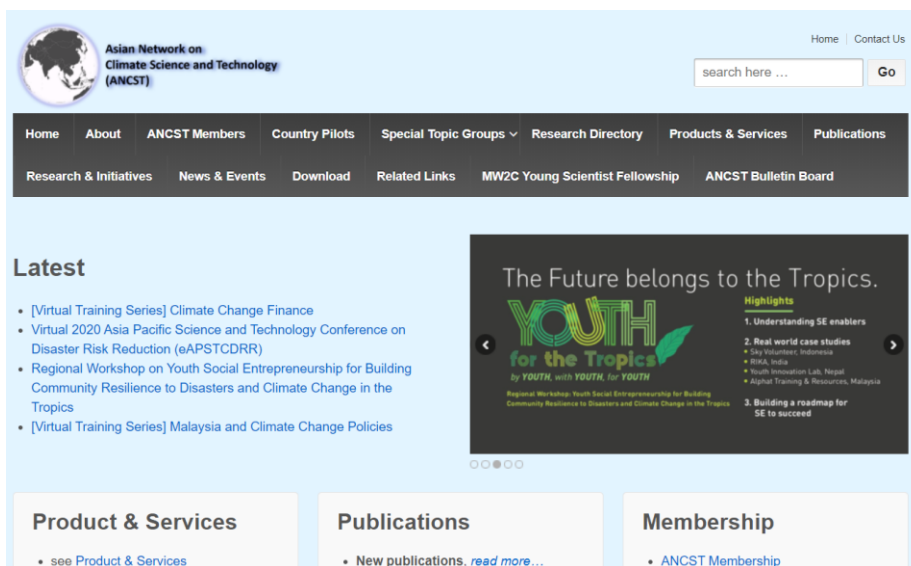
## Core Activities

- Education and training at doctoral and masters levels
- Capacity building workshop and courses
- Policy advise to government and stakeholders
- Outreach and networking



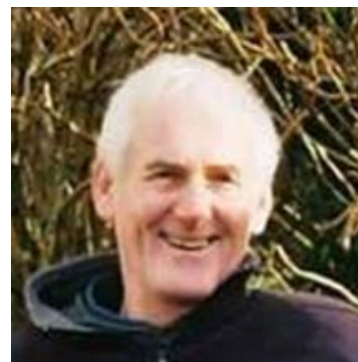
## Asian Network on Climate Science and Technology (ANCST)

Facilitate collaboration and exchange of information between researchers engaged in scientific and technological aspects of climate science, climate change, natural disasters and etc.



The screenshot shows the homepage of the Asian Network on Climate Science and Technology (ANCST). At the top left is the ANCST logo. To its right is a search bar with the text "search here ..." and a "Go" button. Below the logo and search bar is a navigation menu with links: Home, About, ANCST Members, Country Pilots, Special Topic Groups, Research Directory, Products & Services, and Publications. Below this is a secondary menu: Research & Initiatives, News & Events, Download, Related Links, MWZC Young Scientist Fellowship, and ANCST Bulletin Board. The main content area features a "Latest" section with a list of recent events and a featured banner for "The Future belongs to the Tropics. YOUTH for the Tropics" with a "Highlights" section listing: 1. Understanding SE enablers, 2. Real world case studies (including Slay Volunteers in Indonesia, FRISK, India, Youth Innovation Lab, Nepal, and Aghora Training & Resources, Malaysia), and 3. Building a roadmap for SE to succeed. At the bottom, there are three boxes: "Product & Services" (with a link to "see Product & Services"), "Publications" (with a link to "New publications, read more..."), and "Membership" (with a link to "ANCST Membership").

<http://www.ancst.org/>



**Emeritus Professor Lord Julian Hunt**

Malaysian Commonwealth Studies Centre  
Advisory Committee on Protection of the Sea (ACOPS)  
University College London



**Professor Joy Jacqueline Pereira**

Southeast Asia Disaster Prevention Research Initiatives (SEADPRI-UKM)



**Professor Johnny C.L. Chan**

The Guy Carpenter Asia-Pacific Climate Impact Centre  
City University of Hong Kong

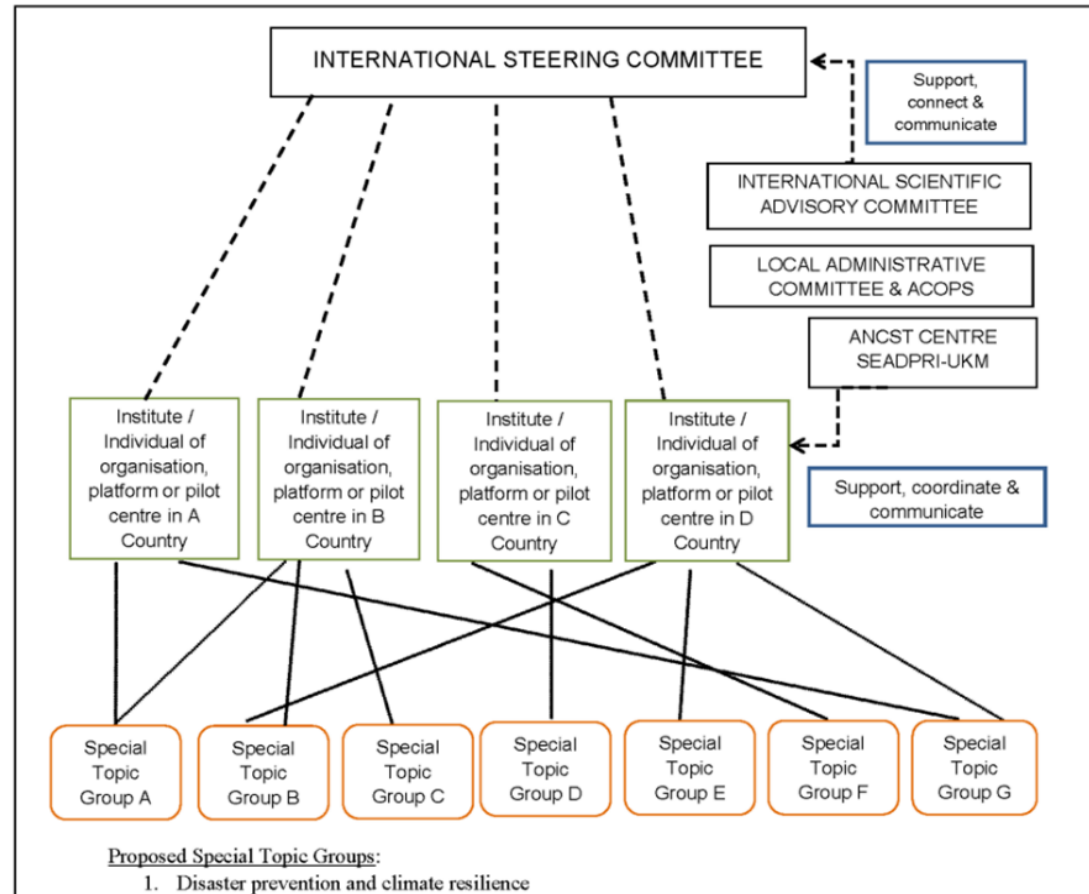
# ICoE-SEADPRI-UKM:

## Asian Network on Climate Science and Technology (ANCST)

❖ Coordinated by ICoE-SEADPRI-UKM, includes:

- International Steering Committee;
- International Scientific Advisory Committee;
- **Special Topic Group**

1. Disaster Prevention and Climate Resilience
2. Atmospheric Chemistry and Climate Change
3. Atmosphere-ocean Interactions
4. Urban Climate Change and Resilience
5. Flood and Anthropogenic Activities
6. **Young Professionals in DRR & Climate Change**



Proposed Special Topic Groups:

1. Disaster prevention and climate resilience

**The Group was initiated to connect existing networks and initiatives of youths and young professionals in Asia on DRR and climate change**

<http://www.ancst.org/>



## ANCST Current activities



### Capacity Building and Outreach Programmes

- Convened **workshops and associated events** in partnership with key national and regional partners
- Assembled **over 1200 scientists in Asia**



Workshop on Building Disaster and Climate Resilient in Cities: held on 15 & 16 Oct 2019 involved scientist from UK, Singapore, India, China and the Pihillipine.



### ANCST Website Portal

- Serves as a central resource for current, accurate and accessible information on climate science and technology
  - Received over 450,000 visitors
- <http://www.ancst.org/>



### Student Exchanges

- Aim to enhance the capacity of early career researchers (below 30 years old) in atmospheric science and climate change for building disaster resilience in the region
- Participants were invited to submit their case studies or manuscripts which were then reviewed by the experts and published in SEADPRI Bulletin or Bulletin of Geological Society of Malaysia and ANCST website.



Malaysia Window to Cambridge sponsored ten early career researchers to the ANCST-IPCC Workshop on Status of Climate Change in Asia, 15-16 November 2019.



### ANCST Bulletin Board

- Alerts members on time-sensitive news (calls for expert reviews, call for application to participate in workshops/training, publication, etc.)
- Membership of ANCST is grown via its workshops and associated events – more than 1000 experts and policy-makers working on climate science and disaster resilience in Asia.

## ANCST Current activities

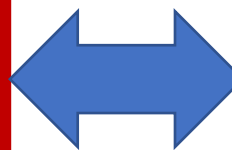


- ❖ Carries on the initiative by U-INSPIRE Indonesia - launched as a national platform in November 2018
- ❖ Focuses on two key areas: DRR and Climate Change



### VISION

To empower the role of **Malaysian youth and young professionals** in science, engineering, technology and innovation; to build towards disaster resilience at the national, regional, and global levels.

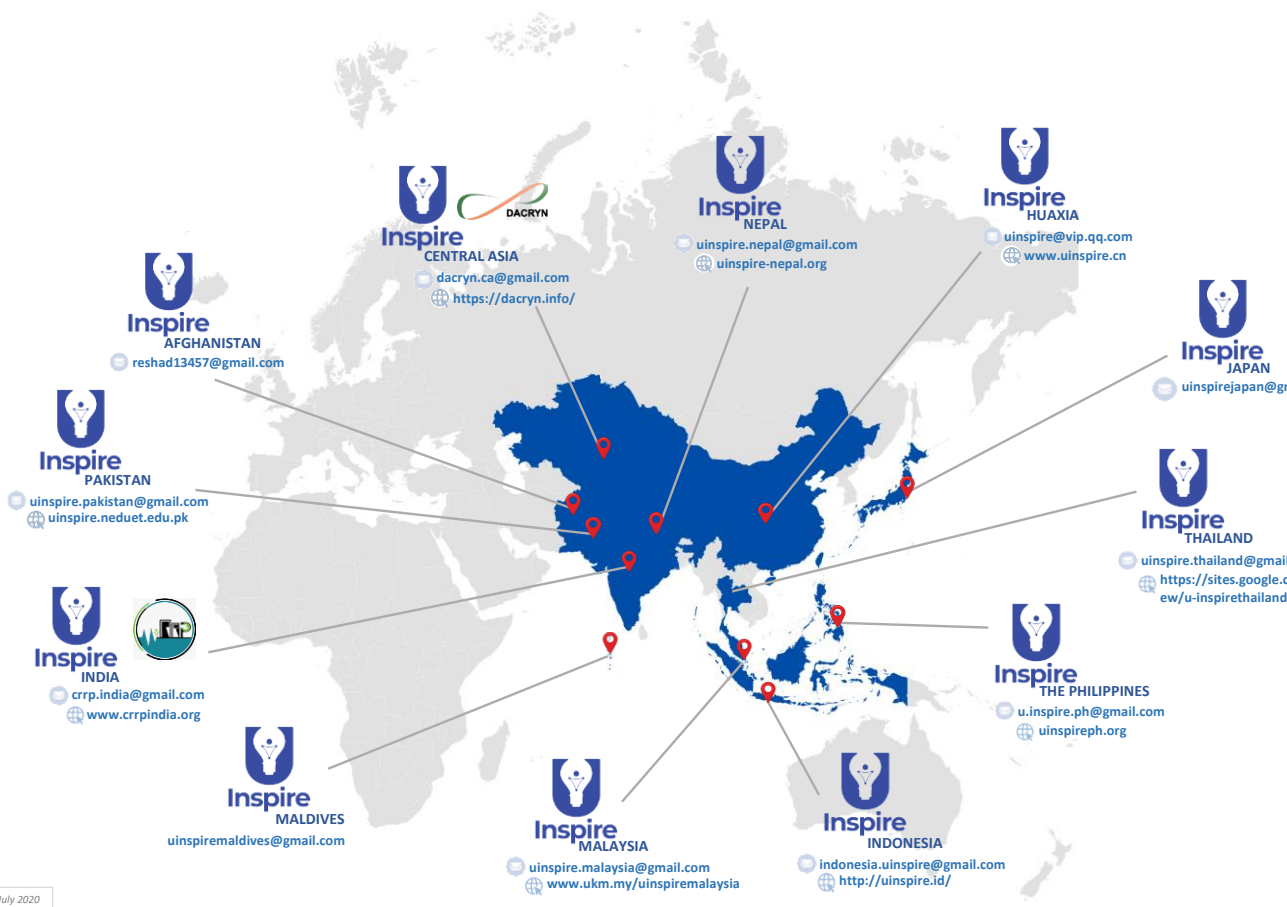


### OBJECTIVE

To support national **DRR and climate change** initiatives by strengthening the partnerships, interaction, networking, communication, discussions, and sharing of best practices and lessons learnt among the youth and young professionals on SETI.



# ANCST & U-INSPIRE :



**What is U-INSPIRE Alliance?**  
An alliance of youth and young professionals (YYP), working to support Disaster Risk Reduction (DRR). Currently chapters in 12 countries, with close to 1000 members

**What is our vision?**  
A powerful collaboration platform for empowering Youth and Young Professionals in Disaster Risk Reduction, focusing on linking to policy at local, national and global level.

## ANCST Current activities



### **IPCC WITH YOUTH AN YOUNG PROFESSIONALS**

*26 Oct 2019 | Kuala Lumpur, Malaysia*

*This workshop presents the work and findings of IPCC in simple language. It also provides an opportunity for young people to discuss, understand and share ideas on issues pertaining to climate change.*



### **WORKSHOP & DIALOGUE: KEY FINDINGS OF THE IPCC & BRIDGING THE S&T DIVIDE IN THE PACIFIC ISLANDS**

*14 & 15 Nov 2019 | Suva, Fiji*

*This workshop aimed to familiarize the Pacific scientists with the IPCC process & set off discussion on how to build research capacity through voices from Pacific. A hands-on-training was conducted to the ECR to review the IPCC Chapter Order draft.*



### **WORKSHOP ON PROMOTION OF SOCIAL ENTREPRENEURSHIP IN DRR**

*21 January 2020 | Shah Alam, Malaysia*

*This workshop is to promote SE in DRR for building community resilience & bring together the youths group to discuss challenge of managing disaster risks in a changing climate.*



## ANCST Current activities

**MYO TRAINING SERIES** presents

**UNFCCC101: PARIS AGREEMENT AND ITS RELEVANCE TO MALAYSIA (PERTINENT ARTICLES)**

06.06.2020 | 1000AM | ZOOM

**SPEAKERS:**

**Toh Zhee Qi**  
Co-Founder  
ECOLABORY UM

**Jasreena Kaur**  
Environmental Scientist  
SALT2

Register here: <https://forms.gle/WXMMmqesYer0wZNV6>  
Deadline for registration: 4th June 2020

Participants will receive an e-cert at the end of the course.  
Limited to first come first serve.

**MYO TRAINING SERIES** presents

**CLIMATE CHANGE MITIGATION & ADAPTATION**

04.07.2020 | 1000AM | ZOOM

**SPEAKERS:**

**Alka Kaur**  
Capacity Building  
MYO

**Ker Jen Ho**  
Data Engineer  
O&G Co.

Register here: <https://bit.ly/3lel85o>  
Deadline for registration: 2nd July 2020

Participants will receive an e-cert at the end of the course.  
Limited to first come first serve.



**MYO TRAINING SERIES** presents

**MALAYSIA AND CLIMATE CHANGE POLICIES**

08.08.2020 | 1000AM | ZOOM

**SPEAKERS:**

**Julian Theseira**  
Policy Researcher  
MYO

**Lhavanya D.Lingam**  
Climate Activist  
MYO

**Roshvinder Singh**  
Plant or Chamber  
Agribiotech (Pvt) Ltd & Agri

Register here: [shorturl.at/abj1n](https://forms.gle/shorturl.at/abj1n)  
Deadline for registration: 16 August 2020

Participants will receive and e-cert at the end of the course.  
Limited to first come first serve.

**MYO TRAINING SERIES** presents

**CLIMATE FINANCE**

12.09.2020 | 1000AM | ZOOM

**SPEAKERS:**

**Kieran Li Nair**  
Capacity Building  
MYO

**Farhana Shukor**  
Capacity Building  
MYO

Register here: <https://bit.ly/3s5SPz2>  
Deadline for registration: 10th September 2020

Participants will receive an e-cert at the end of the course.  
Limited to first come first serve.

**YOUTH SOCIAL ENTREPRENEURSHIP FOR BUILDING COMMUNITY RESILIENCE TO DISASTERS & CLIMATE CHANGE IN TROPICS** 13 August 2020 | Virtual

*This workshop served as platform for young SE to understand funders' requirement, share experience in building community resilience to disasters & climate change.*

**VIRTUAL TRAINING SERIES FOR YYP**  
June - September 2020 | Virtual

*This training series aims to equip YYP with knowledge pertaining to climate change, sustainability & environment. Critical topics and issues that are relevant to the broader climate change discourse was explored, especially, ones that concern the local arena.*



**“If you want to fast, go alone. If you want to go far, GO TOGETHER..”**



**ANCST | U-INSPIRE MALAYSIA @ UKM**

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Website: <https://www.ancst.org>

# Thanks for the attention!

Website of the organisation etc.