



ONLINE CERTIFICATE TRAINING ON CLIMATE CHANGE VULNERABILITY ASSESSMENT

20-21 MAY 2023

PLATFORM: ZOOM

10:30 AM-5:30 PM IST

**Are you a Practitioner, Researcher, PG student,
Academician, or Policymaker passionate about
Climate Change adaptation research, planning and
action?**

SaciWATERs brings here an exciting learning opportunity to your doorstep.

A skill-based 2-days Online (live & interactive) Certificate Training developed and rendered by a **faculty panel of world-renowned scientists and IPCC authors.**

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Last date to Register: 18 May 2023

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Limited Seats Available**

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ABOUT THE TRAINING:

There is enough evidence to establish that the earth's climate is changing, and it is adversely affecting both biophysical and socio-economic systems. However, the impact of climate change and climate hazards is not uniform across space and time. It varies across regions due to differences in the exposure and vulnerability. The Fifth and Sixth Assessment Report (AR5 and AR6) of the Intergovernmental Panel on Climate Change defines risk of climate change as the interaction of 'Hazard', 'Exposure' and 'Vulnerability', where vulnerability is conceptualised as the 'propensity or predisposition of the system to be adversely affected'. While the mitigation of climate change and hazards and the reduction of exposure are relatively long-term goals, governments and development agencies can adapt by reducing vulnerability in the short and medium-term. The IPCC-AR5 states: 'The first step towards adaptation to future climate change is reducing vulnerability and exposure to present climate variability'. Thus, assessment of the vulnerability of a system is one of the critical steps to identify appropriate adaptation measures to combat climate change as also to cope with current climate risks. Further, addressing vulnerability leads to several developmental co-benefits that are of interest especially in developing countries.

In this training course, participants will be trained to carry out vulnerability assessment based on biophysical, socioeconomic, and institutional indicators relevant in the context of climate change adaptation. The methodology is consistent with the latest IPCC Climate Change Risk Assessment Framework (AR5 and AR6).

Training Method:

The workshop is designed for policymakers, academicians, postgraduate students, researchers and practitioners and will include technical sessions, training in methodology and hands-on exercise using sample data. The assessment framework is broad and can be employed for sectoral assessments, and in the context of development policy making. The course is planned over the weekend to provide flexibility to the participants.

UTILITY:

A vulnerability assessment:

- can assist in ranking and identification of the most vulnerable geographical area/social groups/ecosystems and help administration prioritise adaptation planning and investments.
- is critical for developing adaptation projects for the Green Climate Fund, Adaptation Fund, and funds from multilateral and bilateral agencies.
- will facilitate Nationally Determined Contributions, which aims to adapt better to climate change by enhancing investments in development programmes in sectors vulnerable to climate change, particularly agriculture, water resources, health sector and regions such as Himalayan region, coastal regions, etc. It may also aid to plan disaster management.
- A vulnerability assessment contributes to reporting under the Paris Agreement, Article-9 through the assessment of climate change impacts and vulnerability; the formulation and implementation of a National Adaptation Plan, monitoring and evaluation of adaptation plans, policies and programmes; and the development and implementation of resilience of socio-economic and ecological systems.



<https://shorturl.at/noyB8>

FACULTY



Dr. N.H. Ravindranath is a retired Professor from Indian Institute of Science, Bangalore. A world-renowned scientist and a Climate Change Expert, Prof. Ravi is an author for 12 IPCC (Intergovernmental Panel on Climate Change) Assessment Reports on Climate Change. He is the General Secretary of SaciWATERS Governing Board.



Dr. Indu K. Murthy is Sector Head—Climate, Environment and Sustainability at the Center for Study of Science, Technology and Policy (CSTEP), a policy think tank. She was formerly a Consultant Scientist at Indian Institute of Science. She is a contributing author to the IPCC reports, a Coordinating Lead Author for Global Environmental Outlook-6. She is a member of SaciWATERS Governing Board.



Dr. Shyamasree Dasgupta is an Associate Professor at the School of Humanities and Social Sciences, Indian Institute of Technology (IIT), Mandi. Her research and teaching interests are climate change, applied microeconomics, econometrics, energy and environmental economics. She is a member of SaciWATERS Governing Board.

About SaciWATERS: The South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERS) is a Research and Capacity Building organization based in Hyderabad, India. Since its foundation in 2002, SaciWATERS has been engaging in interdisciplinary research, knowledge based development and action to address complex and evolving global water-related challenges in the face of climate change.

www.saciwaters.org

If you have any questions about the training course, please contact:

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