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Five-Day Workshop on Climate Change and Water, Sanitation & Hygiene (WASH)

5th– 9th December 2022



Coordinator

Dr. Jalandhar Pradhan, Associate Professor
Dept. of Humanities and Social Sciences
National Institute of Technology, Rourkela

Organized by

Centre of Excellence on Public Health Nutrition
Department of Humanities and Social Sciences
National Institute of Technology Rourkela
Odisha, India - 769008



About the Centre of Excellence on Public Health Nutrition, Dept. of HSS, NIT, Rourkela

The Department of Humanities and Social Sciences has started a Centre of Excellence with the support of UNICEF. The primary objective of the CoE is to strengthen collaboration on knowledge management for child survival and development. The Centre intends to focus on all 30 districts of Odisha.

The CoE regularly conducts various assessments and studies, develop policy notes, process documentation, and situational analyses, facilitate workshops/training, and engage in academic collaborations and knowledge management.

Background

The effects of climate change are already being felt everywhere. Most strikingly, they are felt through the water. Increased demand for water due to low rainfall and prolonged drought conditions can cause water sources (including boreholes and springs) to run dry. Conversely, heavy rainfall and flooding can damage water sources and sanitation facilities, carry runoff and waste into streams and lakes, and contaminate water supplies.

Water scarcity through climate change and the resulting increase in water cost (socio, economic and ecological) can lead to inequitable access. This may deprive households of opportunities to collect the safe water needed for proper handwashing and hygiene, limiting children's ability to grow healthy and strong.

Objective of the workshop

The basic objective of this workshop is to build the capacities of researchers, development professionals, academicians and policymakers on Climate Change and its impacts on water sector in general and accessibility of water, sanitation, and hygiene facilities on masses in specific.

The workshop aims to develop the capacities and knowledge of the development practitioners, NGOs functionaries, academicians, and policymakers on facilitating plans and programs - including research projects - that can build resilience against climate change impact to clear hurdles in the provisioning inclusive WASH services for all.



The focus of this workshop would be on the role of policymakers and practitioners in long-term and community-based planning and responses for making an impact in the present context of a larger public health perspective.

Who should attend?

This workshop would benefit researchers, development practitioners, faculty, policymakers, and NGO officials. This workshop will particularly be useful for those interested in learning the WASH and climate change adaption modalities specific to public health and professionals who manage projects and are looking to upgrade their skills and expertise. Further, monitoring and research teams from NGOs and government organizations responsible for planning and developing policy proposals would find the workshop extremely useful. Around 20 candidates will be selected for this workshop.

Resource Persons

The resource persons will be a mix of WASH and Climate Change sector experts and eminent academicians from NIT Rourkela and other institutes of repute.

Travel and Accommodation Details

National Institute of Technology (NIT) will provide accommodation, food, and local hospitality to the participants in the guest houses of the institution without any cost. Depending on the availability of funds, travel costs will be reimbursed to those participants who claim train (3rd AC) or bus fare 'to and from' Rourkela.

Certificate

The CoE on Public Health Nutrition will provide a certificate to all participants after the successful completion of the course.



Course content

- Climate change and WASH
- Climate change impacts on water security
- Understanding climate-change related policies and plans: sectoral convergence to build resilience
- Scenario-based planning - climate action for inclusive WASH
- Community-based adaptation

About Department of Humanities and Social Sciences, NIT

The Department of Humanities and Social Sciences has been functioning as a full-fledged department catering to undergraduate and postgraduate students since the inception of the Institute. The faculty has vast experience teaching, researching, and communicating with students of diverse backgrounds and widely differing abilities. The students understand that today's challenges are global and interdisciplinary, and they are required to reflect more on social responsibility, flexibility, resourcefulness, and creativity. The courses taught to try to inculcate all these and much more. The Department offers a full-time Ph.D. program in English, Psychology, Economics, Anthropology, Sanskrit, and Sociology, an MA Programme in Development Studies, and general purpose courses from all the disciplines mentioned above as Open Electives for B-Tech and Postgraduate students at the Institute.

About UNICEF

UNICEF is a UN agency that works in the world's most challenging places to reach the most disadvantaged children and adolescents - and to protect the rights of every child, everywhere. It works in over 190 countries and territories to save children's lives, defend their rights, and to help them fulfill their potential from early childhood through adolescence.



As the world's largest provider of vaccines, it supports child health and nutrition, safe water and sanitation, quality education and skill building, HIV prevention and treatment for mothers and babies, and the protection of children and adolescents from violence and exploitation.

How to Reach NIT Rourkela

Rourkela is one of the well-developed steel townships on the Kolkata-Mumbai main line of the Southeastern Railway. A railway network connects it well with the rest of Odisha. Daily AC bus service is available in almost all Northern and Central Odisha Districts. The NIT campus is about 8 km from Rourkela railway station. It takes around 2.5 hours from Jharsuguda airport by car.

Organising Committee

Chief Patron

Prof. K. Umamaheshwar Rao, Director
National Institute of Technology, Rourkela

Chairperson

Dr. Narayan Sethi, Head
Dept. of Humanities & Social Sciences,
National Institute of Technology, Rourkela

Coordinator

Dr. Jalandhar Pradhan
Dept. of Humanities & Social Sciences
National Institute of Technology
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Contact Person

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☎ : 9454056383

✉ : coepn.climatechange@gmail.com



Registration and course fee

There is no registration/course fee for this training programme. Filled application forms along with a short CV (max 2 pages) in single PDF should be mailed to coepn.climatechange@gmail.com & CC to coepn.nitr@gmail.com on or before 12th November 2022. The final list of participants will be decided by the Institute and informed on 15th November 2022.





Important Dates

- Date of training: 5th - 9th December, 2022
- Last Date to receive application from participants: 12th November 2022 (5 PM)
- Date for sharing the final list of participants: 15th November.
- Confirmation from participants: 18th November 2022

Further information including place of stay, registration and training schedule will be shared with the final list of participants by 20th November.



Registration form



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Centre of Excellence on Public Health Nutrition

Department of Humanities and Social Sciences

National Institute of Technology Rourkela, Odisha, India

[Filled application forms along with a short CV (max 2 pages) should be mailed to coephn.nitr@gmail.com & coephn.climatechange@gmail.com on or before 12th Nov, 2022, 5 PM]

Date: 5th - 9th December 2022

Name of the Applicant: _____

Age: _____

Gender: _____

Address for Communication: _____

E-mail: _____

Phone/Mobile: _____

Highest Educational Degree/highest qualification: _____

Position held: _____

Organisation: _____

Address of Organisation: _____

Experience in years: _____

Short CV attached: Yes/No

Accommodation required: Yes ☐ No ☐

Signature of the applicant

