




## ROW / SOA Environmental Workshop and Site visits, April 27-28, 2026

Location: Siksha O Anusandhan dtb University, Bhubaneswar, Odisha





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Rivers of the World (ROW) Foundation is a Tax-Exempt(501(c)3)Organization.

**Topics for Discussion**  
**Environmental Workshop**  
**Bhubaneswar, Odisha**  
**April 27-28, 2026**



*The Rivers of the World (ROW)*  
team (left)  
Subijoy Dutta, P.E, Pro VC Anup Samantaray,  
Prof. Bala Prasad, Prof. William E. Roper,  
Prof. Anil Kar, and Dr. Sarat Sahu

Will provide  
an interactive Workshop on:



- ◆ No Life without Water
- ◆ Protecting Water/Life
- ◆ Water testing/Monitoring
- ◆ Water and Wastewater
- ◆ Climate Change Issues
- ◆ Flooding Issues and Management
- ◆ Any Research projects
- ◆ Questions & Answers

**Typical Student Qs**

- How to conduct –
  - Water Monitoring
  - Research projects+ +

**Students Follow up**

**Our Vision ...**  
*Clean and Vibrant Waters*  
*Connected Communities*  
*Eco-sustainable Development*

**Rivers of the World**  
**FOUNDATION**  
*Mending Our Water Ways*

**A NON-PROFIT ORGANIZATION**

This workshop by the Rivers of the World (ROW) Foundation, USA, in collaboration with the Siksha O Anusandhan (SOA) deemed to be (dtb) University, Bhubaneswar, Odisha, will include a comprehensive training in water, waste management, and climate change areas. It should provide ideas and incentives for the new and upcoming professionals to begin a few hands-on practices to protect their rivers, water, and communities from the impacts of climatic disasters. The classroom (in-person) training workshop on April 27<sup>th</sup>, Monday (Day 1) will be followed by a site visit to impacted rivers/water bodies and water quality testing of TDS, pH, Conductivity, and Dissolved Oxygen (DO) on April 28<sup>th</sup>, Tuesday.

Interactions between the local organizations, NGOs, SOA University students, faculty members and the experts from US, and India is expected to provide an interactive learning environment for all. This workshop will be covering the latest science and local knowledge/practices.

For the final program and registration, you can send email to [rowfoundation@gmail.com](mailto:rowfoundation@gmail.com) . You can also contact Prof. Anup Samantaray or send email to Prof. S.C. Sahu at [director.ccc@soa.ac.in](mailto:director.ccc@soa.ac.in)

## Tentative Agenda

### Day 1 (April 27, 2026, Monday) (9:30 AM – 5:30 PM)

1. **Introduction & Scope** (0.5 hr.)
  - a. Opening Remarks ( VC/Pro-VC SOA)
  - b. Introduction ( TBA)
  - c. Overview of the training (Subijoy Dutta, P.E.) – Brief Summary
2. **Sustainable Cities – The Transformation of Singapore**
  - a. Prof. William E. Roper, President, ROW Foundation (Virtual from Washington, DC Area)
3. **Climate Change** (2.0 hrs.)
  - a. Climate Change and Early Warning System (Dr. S.C. Sahu)
  - b. Global impacts of Climate Change – Building resilience, involving communities and setting up weather monitoring stations for Himalayan Glaciers (Subijoy Dutta, P.E.)
  - c. Q&ABreak - 10 minutes
4. **Water and Wastewater** – (1 hr) – Prof. Bala Prasad, Andhra University, Visakhapatnam
  - a. **Proper use and treatment for a healthy living,**
  - b. **impact of Climate Change on Water Availability in Visakhapatnam**
  - c. Q&A
5. **Lunch** (1 – 2 PM)
6. **Comprehensive Waste Management for a Healthy Living**
  - a. MSW - Options for treating/Disposal of MSW (Subijoy (Dutta, P.E.)
  - b. Q&A
7. **Community Engagement for a Comprehensive Waste Management** ( 30 min.)
  - a. Engaging with Communities – Awareness Program – Award winning village – Gokul, U.P following UN World Water Day (2025) – case study (Subijoy Dutta, P.E. And Local Team leader, Odisha)
  - b. Q&A
8. **Flooding Issues and Management** (30 min.)
  - a. Necessity of Flood Plain Zoning for Effective Flood Control (Prof. Anil Kar, VSSUT, Sambalpur, Odisha)
  - b. Q&A
9. **Wrap-up, Evaluation and Feedback** (1 hr.)

Wrap-up  
Evaluation of Participants (multiple choice Qs)  
Short Feedback from the participants  
Awarding Certificates to Successful Participants from 2025

## 10. Valediction

### Day 2 (April 28, 2026, Tuesday)

#### Visits to River Sites – Daya, Rushikulya, Brahmani and/or Others (10:00 AM – 2:00 PM)

Finalize Activities and visits to Rivers, and locations with local coordinators + SOA .

Activities: -

Water Testing and evaluating health of the water bodies, visiting with local people to listen to their concerns, comments, and willingness to help; Conduct field tests – **pH, Conductivity, TDS**, Turbidity, and **Dissolved Oxygen** levels of the water bodies around Bhubaneswar.

## **Details on the Proposed Workshop**

This course should provide answers to many of the above items for the participants. This should have a direct benefit in their knowledge and understanding of environmental problems, issues, and possible remedies. At the end of the training on Day 1, **participants will have an evaluation** to confirm their learning and comprehension of the specific subject area by responding to a few multiple-choice questions.

Upon successful completion of the program, the participant should have a clear understanding of the following –

### A. General -

- Appropriate scientific rules and methods adopted to solve problems.
- The logic and reasoning used to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to solving problems.
- Technical sentences and paragraphs in professional documents.
- Verbal communication to convey information effectively
- Active listening with full attention to what other people are saying, taking time to understand the points made.
- Basics of – Climate change issues, Municipal Solid Waste management, Water and Wastewater management for a healthy life, Community interaction, Sustainable cities, Path to human wellbeing and environmental education/awareness.

### B. Water and Environment

- Municipal Waste Management –
- Water and Wastewater
  - What does clean water mean from the human health perspective? What we need to do for safe management/treatment of wastewater to live a healthy life and to safeguard our water resources for the future generations.
- Engaging with communities
  - How to engage with the communities and work towards a comprehensive waste management plan involving the local communities.