



World Water Day (WWD)

2026

KATAPALI POND, SAMBALPUR, ODISHA

Project Coordinator – Sucharit Dutta, Kolkata

Summary Report



Rivers of the World

FOUNDATION

Mending Our Water Ways

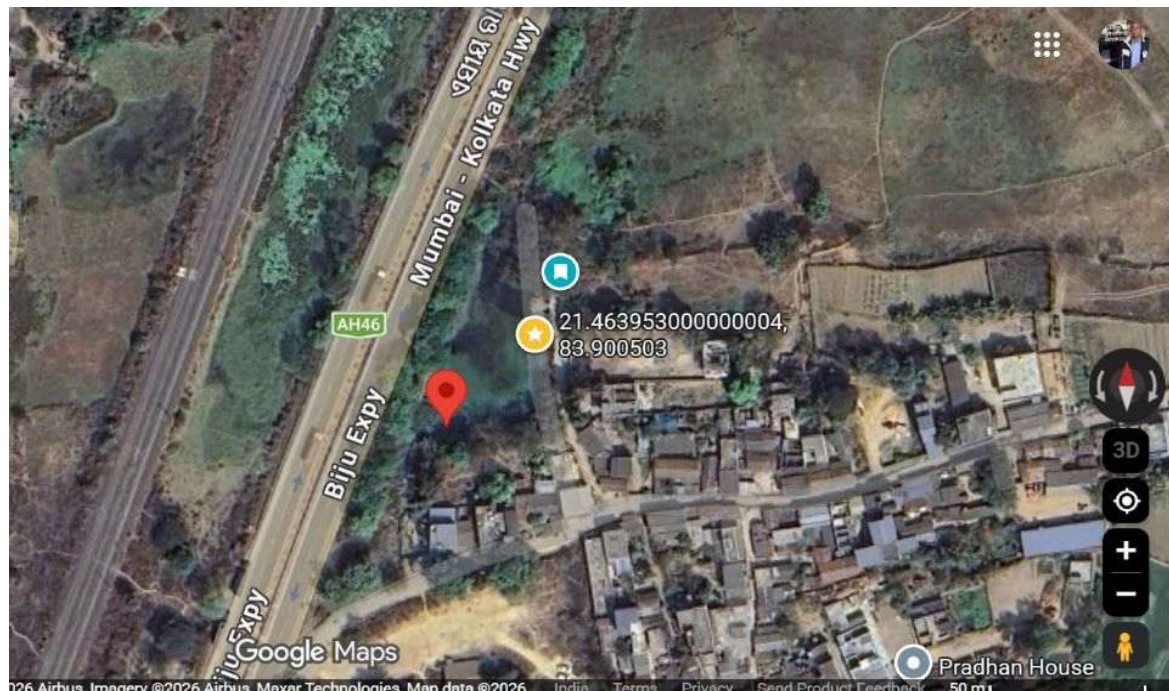
**Project pond rejuvenation site visit Sambalpur,
Odisha, India. April 27-May-1-2026**



A community pond in Sambalpur was selected for rejuvenation in response to water scarcity and the need for clean, sustainable water resources.

WWD-2026 POND REJUVENATION PROJECT. SAMBALPUR, ODISHA

Coordinates: 21°27'49.5"N 83°54'00.8"E



Existing Pond Condition

- Observed pond depth: **~4.5 ft**
- Depth expected to decrease during the **summer season**
- Maximum depth expected to reach **~8 ft during the monsoon**
- Groundwater recharge has reduced due to **nearby roads**
- Rainwater remains the primary source of recharge

Katapali pond, Sambalpur , Odisha



The project aims to improve water quality through **active oxidation and increased oxygenation**.

Proposed intervention:
Installation of a **1.5 HP blower with submerged air diffusers** after the rainy season.

Subijoy Dutta with Dr.Abhayaa Nayak and Team.



Proposed Improvement Measures

- Prevent **sewage inflow** into the pond
- Install **filters/screens** at stormwater entry points
- Utilize **local technology and resources**
- Develop a framework for **community-led pond cleaning and maintenance**



ROW Founding Director, Mr. Subijoy Dutta, conducted a field-based water quality assessment with students of **VSSUT (Veer Surendra Sai University of Technology)**, demonstrating the use of field test kits and methods to improve pond health.



*THANK YOU FOR VIEWING THE SAMBALPUR, ODISHA
WWD-2026 REPORT. YOUR COMMENTS WILL BE
VALUABLE.*

*For more information, please visit the **ROW** Foundation website at <https://rowfoundation.org>.
If you have any questions or comments, you can reach out to the **local coordinator** at
sucharit2011@gmail.com or contact **ROW** Foundation at rowfoundation@gmail.com.*

