



# SAIARD

South Asian Institute for Advanced  
Research & Development (SAIARD)

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A Global Policy Advocacy Research Think Tank

**A Global Think Tank to Promote Sustainability through Cognitive Research**

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## **Uniting the World for a Greener Future**

# SAIARD

A Global Policy Advocacy  
**Think Tank**

Presented by

**South Asian Institute for Advanced Research & Development (SAIARD)**

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## SAIARD

South Asian Institute for Advanced  
Research & Development (SAIARD)

*A Global Policy Advocacy Research Think Tank*



The **South Asian Institute for Advanced Research and Development (SAIARD)** is a premier research and development organization dedicated to addressing the critical challenges facing the South Asian region. Through innovative research, collaborative partnerships, and a commitment to excellence, SAIARD aims to foster sustainable development and improve the quality of life for communities across South-East Asia. It was established in 2019 with a vision to create a hub for cutting-edge research and development aimed at addressing the unique challenges of the South Asian region. Recognizing the need for a dedicated institution to tackle issues such as climate change, sustainable development, and socio-economic growth, a group of visionary leaders and experts came together to lay the foundation of SAIARD.



Government of Mizoram  
Dept. of Rural Development



**Development Strategy Partner**

# Broad Aspects



## Recognitions



# PARTNERS





# SAIARD

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## Centre of Excellences



Radhanath Sikdar Institute of Geospatial Science & Technology (RSIGST)

Formerly International Institute of Geospatial Science & Technology (IIGST)



RSIGST, A geospatial centre of excellence under SAIARD

**Role:** Academic courses, training & capacity building programs, Research, Consultancy, Partnerships & Collaborations, GIS Based Projects, Publication, Outreach etc.

[www.rsigst.in](http://www.rsigst.in)



International Institute of River Affairs (IIRA)

(An autonomous institute under the SAIARD Trust)

IIRA, The River centre of excellence under SAIARD

**Role:** Academic courses, training & capacity building programs, Research, Consultancy, Partnerships & Collaborations, River Based Projects, Publication, Outreach etc.

[www.iira.org.in](http://www.iira.org.in)



PENTILE, An IT & Emerging Technology Div. of SAIARD

**Role:** IT based Research, Consultancy, Projects, Partnerships & Collaborations, Outreach etc.

[www.pentile.co.in](http://www.pentile.co.in)



RSDRONE, A Drone unit under SAIARD-RSIGST

**Role:** Certificate Courses, professional Training, Projects & Consultancy Services, Partnerships & Collaborations, Outreach etc.

[www.rsigst.in/rsdrone](http://www.rsigst.in/rsdrone)

SAIARD

# Our Offerings

- Consultancy
- Policy Advocacy
- Capacity Building
- Geospatial Services
- Project Development
- CSR Projects
- Outreach & Awareness

# Core Domain

- Research
- GIS & RS Technology
- Emerging Technologies (AI,ML, Web GIS etc.)
- IT & Digital Inventory
- Infrastructure

# Focused Areas



**Climate Change**



**Water Security**



**Disaster Management**



**River Sustainability**



**Agriculture**



**Public Health**



**Rural Development**



**Green Energy**



**Circular Economy**



**ESG & Auditing**



**E-Governance**



**Carbon Financing**



**Urban Management**

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# Our Services



**Project Consultancy**



**Professional & Customized Training**



**Research & White Paper**



**GIS & RS Mapping & Surveying**



**IT Hardware & Software Services**



**Drone Based Services**

# PROJECT AREAS

SAIARD is a hub for action, translating research and knowledge into tangible projects that address critical issues facing South Asia. Through research, capacity building, and knowledge sharing, the project seeks to develop sustainable solutions for addressing climate change challenges in the region. By bringing together experts, policymakers, and stakeholders from across South Asia, the SAIARD project aims to contribute to the development of a more sustainable and resilient future for the region.

## Environmental Sustainability

## Socio-Economic Development

## Climate Change Action

# COMPLETED PROJECTS



**Preparation of Urban River Management Plan through Cluster Approach for Hugli-Chinsurah Cluster in West Bengal**

Funded by: Namami Gange, Govt of India



**Topographic mapping for 100 sheets at scale 1:50k for parts of North-East, Central and Ngamiland Districts for the Dept. of Survey & Mapping of Botswana, South Africa**

Funded by: SPA GEO Technologies Pvt. Ltd., Delhi



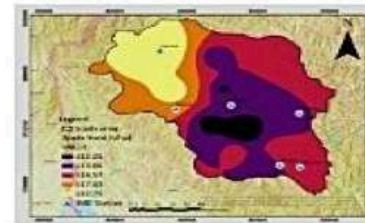
**Learning from COVID -19 – Urban Governance Perspective for Assam state**

Funded by: RCUES, AILSG, MoHUA, Govt of India

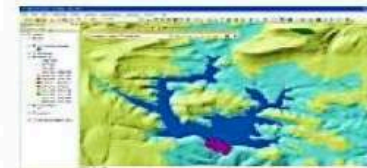


**Hydro geological groundwater study and hydrographic survey work for water availability at Dankuni coal complex**

Funded by: Coal India & SPA GEO Technologies Pvt Ltd..

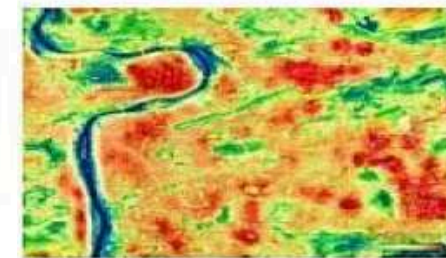


**Spatio-temporal analysis of glacial lakes of Western Himalayas in Chamoli and Pithoragarh district of Uttarakhand using Remote Sensing and GIS**



**Ground Water Potential Zone of Ajay River Basin using Remote Sensing and GIS**

Funded by: SAIARD-CRA



**Effects of Different Urbanization Levels On Land Surface Temperature Change In The City Of Howrah and Kolkata**

Funded by: RSIGST



**Flood susceptibility mapping using geospatial techniques- A case study of Hyderabad, Telengana District, India**

Funded by: RSIGST



**GIS based property tax management services**

Funded by: Urban Administration and Development Department, Govt. of M.P., Bhopal, India & SPA GEO Technologies Pvt. Ltd.



**Identification of water-stressed areas using Geospatial techniques in the Ajay River Basin**

Funded by: SAIARD

OUR CLIENTS



www.saiard.co.in

# SAIARD | EXCLUSIVES



SAIARD Presents  
**4th INTERNATIONAL RIVER CONGRESS**  
6 NOVEMBER, 2025  
INDIA INTERNATIONAL CENTRE, NEW DELHI  
THEME  
GLOBAL PARTNERSHIPS & RIVER FINANCE  
FOR SUSTAINABLE FUTURE: THE YAMUNA DIARY



**#GEOSPATIA 2025**  
Awards | Exhibition | Dialogues | More  
**14 - 15 February, 2025**  
Anthropological Survey of India, Kolkata  
RADHANATH SIKDAR INSTITUTE OF  
GEOSPATIAL SCIENCE & TECHNOLOGY  
(RSIGST)  
**GIS & SPACE Technology for  
Data, Governance & GeoVerse**  
..... An Brainstorming



SAIARD  
International  
Delta Summit<sup>2</sup>  
7 March, 2025 @ Kolkata



SAIARD HCC  
SAIARD-Himalayan  
Climate Consortium  
Hosted by  
Centre for Earth Sciences & Himalayan Studies  
Department of Science & Technology  
Government of Arunachal Pradesh  
SAIARD presents  
**THE HIMALAYAN DIALOGUE**  
11 April, 2025 @ Arunachal Pradesh



SAIARD  
**National Coastal Convention**  
An initiative by SAIARD



**NATIONAL RIVER CONVENTION**  
VALUING OUR NATIONAL TREASURES  
An initiative by SAIARD-CRA  
Centre for River Affairs



## FLAGSHIP INITIATIVES



Empowering People, Transforming Communities



www.saiard.co.in

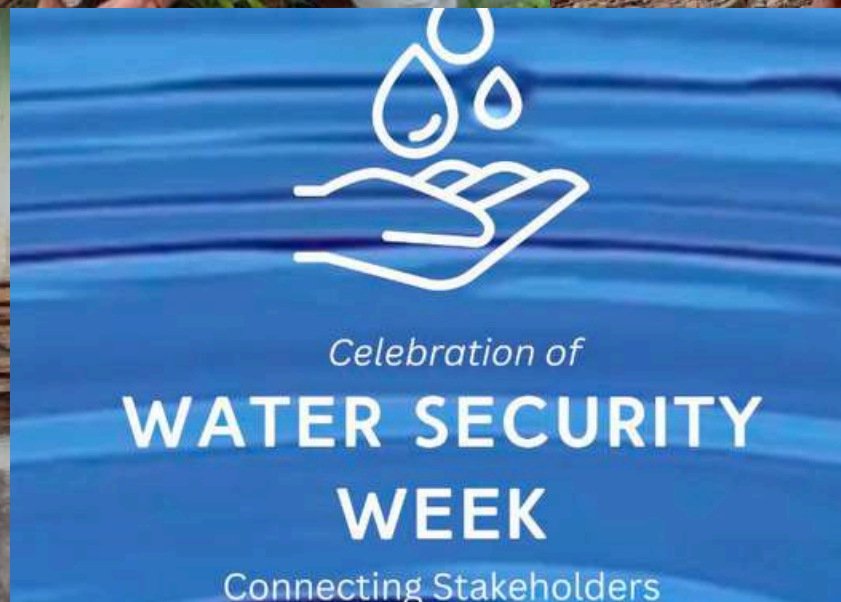
# SAIARD | CLIMATE SERVICES



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150+

Climate Change Dialogues



100+

Planting Trees



20

Youth & Climate Programs



10+

River Cleaning Campaign



25+

Water Security Programs



16K+

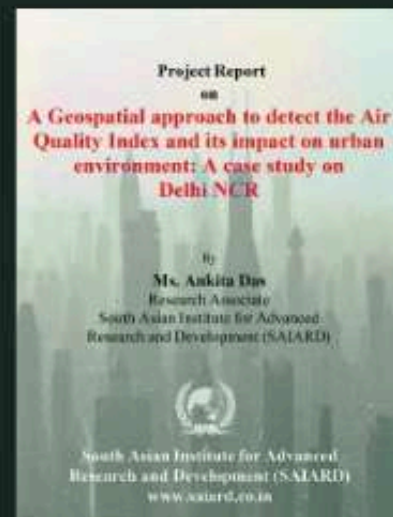
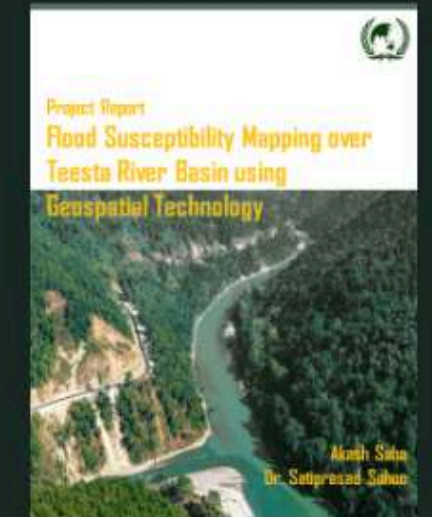
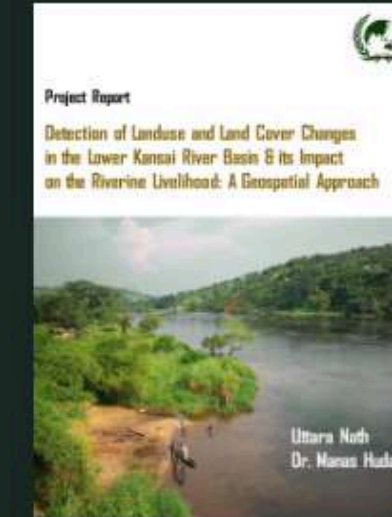
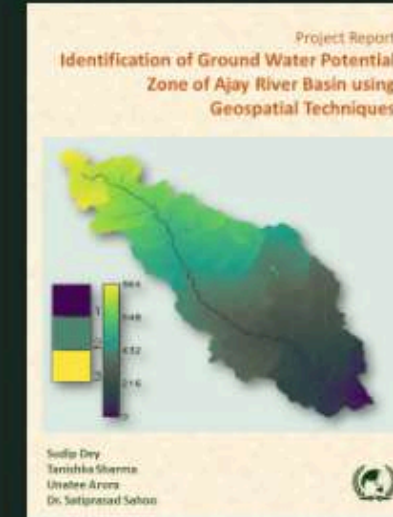
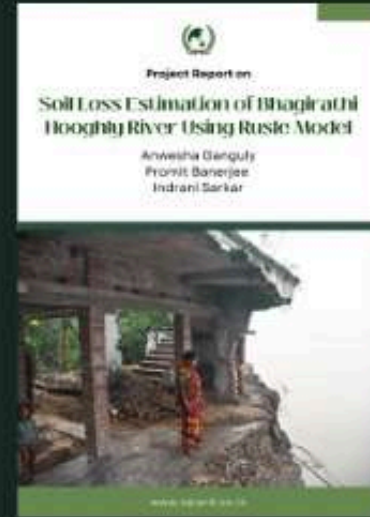
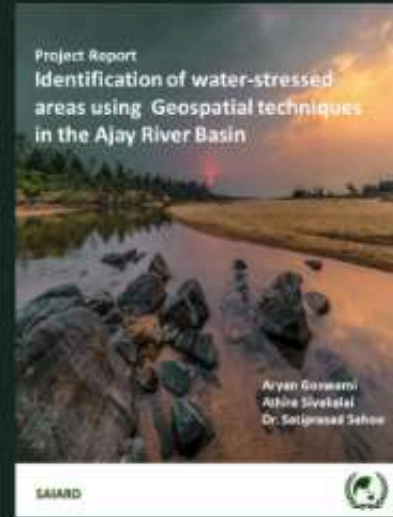
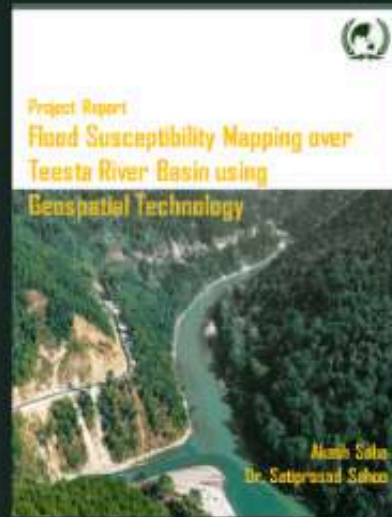
Connecting People



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# WHITE PAPERS



**River Rejuvenation & River Policy by Govt of India**



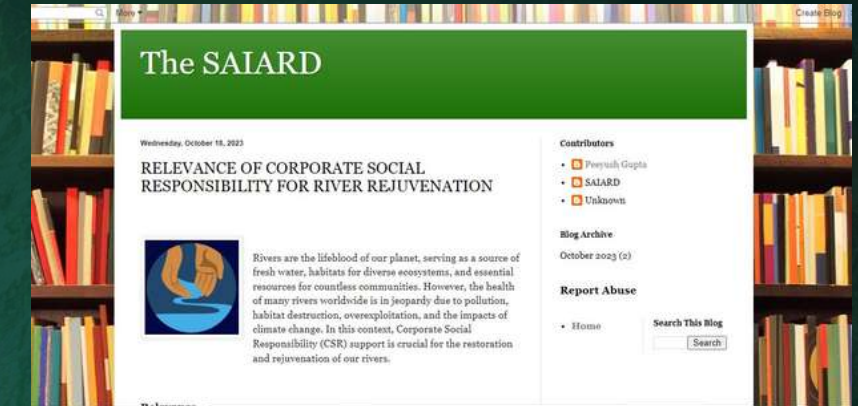
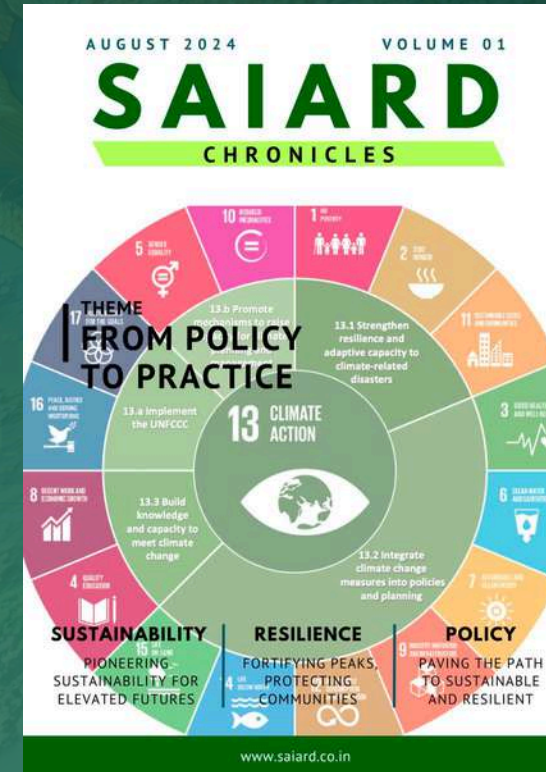
**Zero Waste Policy Dialogue: Lifestyle for Environment**



**Challenges & Adaptations in Maintaining Building Regulations in Hilly States**



**Rethinking the Model of urban Financing to Refuel Urban Economy**



# SAIARD CHRONICLES

# SAIARD IN NEWS

**সুন্দরবনকে রক্ষা না করলে বাঁচবে না কলকাতা**

বিশ্ববাসীতে পরিচিত সুন্দরবন জাতীয় উদ্যানের প্রায় ১০ হাজার হেক্টর জায়গা পরিষ্কার করা হয়েছে। পরিষ্কার করা হয়েছে প্রায় ১০ হাজার হেক্টর জায়গা পরিষ্কার করা হয়েছে। পরিষ্কার করা হয়েছে প্রায় ১০ হাজার হেক্টর জায়গা পরিষ্কার করা হয়েছে।

**ব-দ্বীপের স্বাস্থ্য নিয়ে কলকাতায় কাল শুরু আন্তর্জাতিক সম্মেলন**

নিম্নমুখী গ্রহাণু, কলকাতা, ১৪ জুলাই - কলকাতা পরিবেশের সেরা ব-দ্বীপের স্বাস্থ্য নিয়ে আন্তর্জাতিক সম্মেলন শুরু হয়েছে।

**'Making Sundarbans climate-resilient is key to mitigating Kol's vulnerabilities'**

Kolkata's Chief of the top officials in the world at risk from multiple threats. Kolkata is facing for the challenges posed by escalating heat, sea-level rise and frequent cyclones, according to climate scientist Rajat Prakash, first author of the IPCC report.

**NMCG signs MoU with SAIARD for 'Capacity Building on Integrated River Basin Management with a focus on Geospatial Technology in Riverine Ecosystem'**

In the presence of Mr. Rajat Prakash, Director General, National Mission for Clean Ganga (NMCG) Mr. Himk Yadav, Director, National Institute of Urban Affairs (NIUA) and Dr. Binayak Ray Chowdhury, Chairman, South Asian Institute for Advanced Research and Development (SAIARD), NMCG signed a Memorandum of Understanding (MoU) with SAIARD to create an academic platform to engage young students as well as develop a research and capacity building hub to support regional development in the eastern region.

**৬৫০কম সুন্দরবন ক্রীকসে দ্রুত সলিনিটি মোকাবিলা**

সুন্দরবনের ৬৫০ কিলোমিটার দীর্ঘ ক্রীকসে দ্রুত সলিনিটি মোকাবিলা করা হবে।

**650km Sunderbans creeks desited to fight salinity**

The Sundarbans Delta is a low-lying coastal plain. It is a unique and valuable ecosystem. It is a unique and valuable ecosystem. It is a unique and valuable ecosystem.

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