

# SaciWATERs

SOUTH ASIA CONSORTIUM FOR INTERDISCIPLINARY  
WATER RESOURCES STUDIES

*“ Contributing Towards a Water Secure South Asia ”*



Water Management  
&  
Governance



Water, Sanitation  
&  
Hygiene

Climate Change  
&  
Water



Water  
&  
Gender



Annual Report  
2013 - 2014



# SaciWATERS

SOUTH ASIA CONSORTIUM FOR INTERDISCIPLINARY  
WATER RESOURCES STUDIES

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## Acronyms

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BUET	- Bangladesh University of Engineering and Technology
CapNet	- Capacity Development in Sustainable Water Management
DST	- Department of Science & Technology
HWP	- HSBC Water Program
ICIMOD	- International Center for Integrated Mountain Development
ICRISAT	- International Crop Research Institute for Semi-arid Tropics
IDRC	- International Development Research Center
JJS	- Jagrata Juba Shangha
NWO	- Netherlands Organisation for Scientific Research
SaciWATERS	- South Asia Consortium for Interdisciplinary Water Resources Studies
SCaN	- SaciWATERS CapNet
SPP	- Social Protection Program

## Photo Credits

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# Members of the Board

(For the fiscal year 2013-14)

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Dear Reader,

Greetings from SaciWATERS!

SaciWATERS, though it is still a nascent organization, growing pretty fast with new initiatives, projects, publications and policy interventions. The Annual Report for the year 2013-14 has summarized the activities of the organization in the best possible manner for your benefit and for the general dissemination.

The gone year saw the initiation of two rights based capacity building projects on WASH; "citizen first and community mobilization on waste management", one pan India network called "arsenic knowledge and action network", a Transnational policy dialogue for improved water governance of the Brahmaputra River and a research study on documenting "disappearing water bodies of Hyderabad city".



Some of our completed projects from the last year are the "peri-urban water security" project, the documentation of "disappearing water bodies of Hyderabad city" and the first phase of the Brahmaputra dialogue.

Through multiple years of work we are now able to see the fruition of collaborations. Advocacy has become robust and cogent as we increasingly associate with innovative strategies towards stringent problems that plague the water sector. Communication and training programs are increasingly entrenched in experiences that have evolved through implementations and practice. And the next year brings many exciting collaborations throughout south Asia which were fostered in the past year.

SaciWATERS is making its presence felt in the global arena with its research ideas being increasingly accepted for grants and financial support. The work environment has become more organised with dedicated interdisciplinary teams deployed to work on each of the issues in structured and coordinated manner. The organisation as a whole has been improving its performance, striving hard to be as productive as possible by ensuring its vision and mission of bringing structural change and paradigm shift in the water sector of south Asia.

As we complete another year, SaciWATERS would like to extend its gratitude towards all those who have directly and indirectly contributed and supported us through our journey of success and struggles. In particular, SaciWATERS is extremely grateful to Arghyam, Asia Foundation, ICRISAT, IDRC, UNDP, UNICEF, US Consulate, Water Aid, and NWO without whose support our continued growth would have been impossible. Let me also take this opportunity to express my sincere pleasure and pride in congratulating every one of the SaciWATERS staff for making this year a very productive one.

A handwritten signature in blue ink, which appears to read "S. Janakarajan".

Prof. S. Janakarajan  
President, Executive Board  
SaciWATERS

Dear Reader, Friends and Supporters of SaciWATERS,

It is my greatest pleasure to share the Annual Report of 2013 -14.

In the world of non-profit policy research organizations like the one in which SaciWATERS operates, the success is measured primarily in two ways. First, the grounded research that informs and aims towards a policy change and second, the impact of research on the present discourses of development. In doing so, we must convince donors to support us by providing us with the means to accomplish the policy oriented research aiming at impacting the policies and practices. This year, SaciWATERS has experienced remarkable growth in this regard as funding agencies supported our concepts and programme areas by showing exceptional confidence in our work. The success of a policy research organization like ours is of course measured in the concrete accomplishment of its mission, which is to bring in structural changes in the water resources management sector in south Asia through education, research and advocacy. Our projects, "peri-urban water security in south Asia: adapting to climate change and urbanisation and the rural to urban transitions" and the Peri-urban interface: Identifying, Mapping, and the first phase of the Brahmaputra dialogue are a testimony to that. Both the projects are not just confined to research but also has created knowledge mobilisation beyond the boundaries of the project scope and informed policies in respective countries.



We can also evaluate our success by observing to what extent SaciWATERS broke new ground by having been one of the first voices, if not the first, to raise various issues in the forefront. The "citizen's first" project on drinking water and sanitation accountability has tested the rights approach to create access to basic services within marginalised communities of Hyderabad. The second phase of the project on disappearing lakes of Hyderabad created models of community mobilisation through pilot interventions. The Policy Dialogue for Improved Water Governance of the Brahmaputra River has initiated collective knowledge building and bilateral dialogue processes across highly interdisciplinary group of experts and policy makers from India and Bangladesh at track III diplomacy format. The "arsenic knowledge and action network" kick started with a launch workshop and is aiming for a larger platform which will enable researchers and policy makers, both nationally and internationally to benefit from the data collated.

Looking back, SaciWATERS has scored many successes and embarked upon new initiatives to address the pressing environmental challenges facing the world today. All of the organization's work is worth highlighting which includes our publications in peer reviewed journals, our work with poor communities and our engagement with south Asian regional water discourses through publications of number of books. However, my last and crucial responsibility was to identify a new Executive Director for SaciWATERS as I moved on in April 2013. This decision coincided with the quote by Andy Law, a visionary - "Unless you are prepared to give up something valuable you will never be able to truly change at all, because you'll be forever in the control of things you can't give up."

I take this opportunity to introduce the new Executive Director, Dr. Anamika Barua Associate Professor at the Indian Institute of Technology, Guwahati (IITG), India. I extend my best wishes to her for accepting the responsibility of leading SaciWATERS. I also thank all the organization employees, Board members and donors who have believed in us and supported SaciWATERS in enabling its vision for bringing interdisciplinary in water discourse and working towards a south Asian Water Knowledge System.

A handwritten signature in blue ink, appearing to read 'Anjal Prakash'.

Anjal Prakash, PhD

Executive Director  
SaciWATERS

## Genesis

SaciWATERs, South Asia Consortium for Interdisciplinary Water Resources Studies, was formed as a project on the theme "water for food and rural development" after the 2000 World Water Forum at Hague, was established with the aim of bringing a paradigm perspective. The consortium comprises accomplished scholars and activists from Bangladesh, Bhutan, India, Nepal, Pakistan and Sri Lanka. SaciWATERs produces new knowledge to address the pressing problems in the water sector in south Asia through education, research and advocacy. It has created a new group of professionals and experts through its Crossing Boundaries Project which aims to contribute to the paradigm shift in water resources management in south Asia by means of various partnership-based programmes for capacity building of water professionals through higher education, innovative and social learning focussed research ("research with an impact"), knowledge based development and networking.

## About

SaciWATERs is a policy research institute based in Hyderabad, India. From its inception in 2001, it has focused on critical issues related to water resources management in south Asia. A key endeavor at SaciWATERs has been to enhance the dominant water resources management paradigm in the region with a consideration of all issues using a pro-poor human development approach. The emphasis is on the accumulation of new knowledge through a combination of research, education, capacity building, advocacy, partnership and knowledge mobilization.

Accordingly, it partners with universities and academic institutions from across global north and south to fundamentally reshape water resources knowledge systems in south Asia. A pro-poor, gendered and human development perspective is at the core of SaciWATERs' interdisciplinary approach to understanding water resource issues. Its solutions-oriented strategy is based on a platform of improved exchange, interaction and collaboration at a regional level.

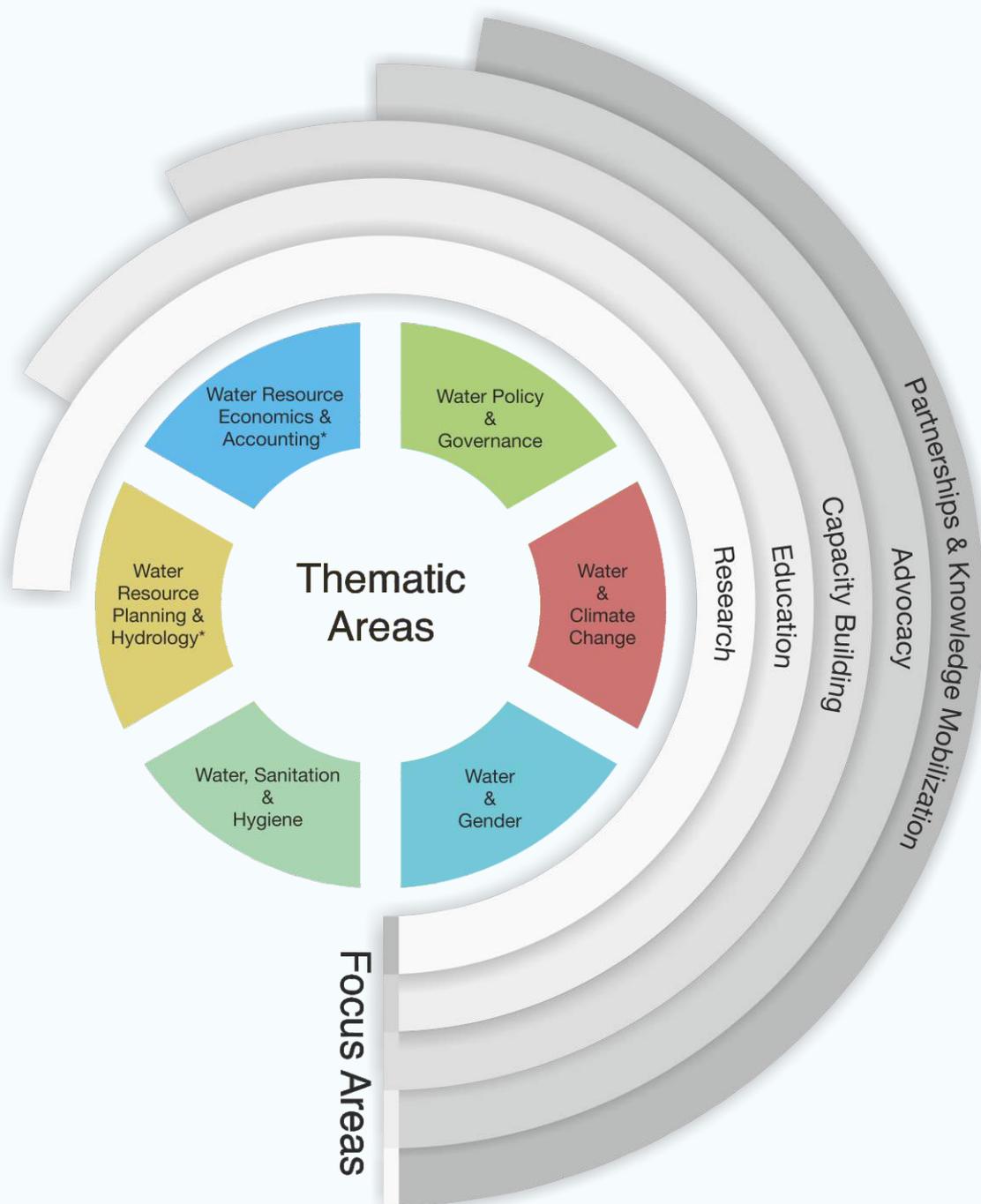
## Vision

### ***"Contributing Towards a Water Secure South Asia"***

South Asia is endowed with vast water resources, yet there seems to be a perpetual shortage and uneven water distribution. Moreover, global changing scenarios such as urbanization and climate change are contributing to the profound water insecurity. Hence, a holistic approach to cater to this problem is required. SaciWATERs aims to achieve water security in south Asia through a pro-poor human development approach.

# Themes & focus areas

SaciWATERs currently works within four broad themes namely – water policy & governance, water & climate change, water & gender, and water, sanitation, & hygiene. Water resource planning & hydrology & water resource economics and accounting are the two new themes, SaciWATERs would like to focus in the coming years\*. Within the existing four themes, SaciWATERs designs, supports and implements integrated water resource management research projects to bridge the gap between science, policy, and practice. These themes have emphasis on five focus areas – research, education, capacity building, advocacy, partnership and knowledge mobilization.





## Water Resource Planning & Hydrology

SaciWATERs adopts a three-pronged approach encompassing the interlinked issues of surface water hydrology, ground water hydrology and watershed development. Concerns over quantity, regulation and availability of water have been compounded by the almost continual degradation of the quality of water resources. Leveraging its research inventories, SaciWATERs works to optimize current and potential uses of water and monitor water quality levels of different sources. With its watershed management initiatives, the Consortium attempts to conserve healthy watersheds by checking habitat impairment, preserving water quality, and promoting ecosystem integrity.

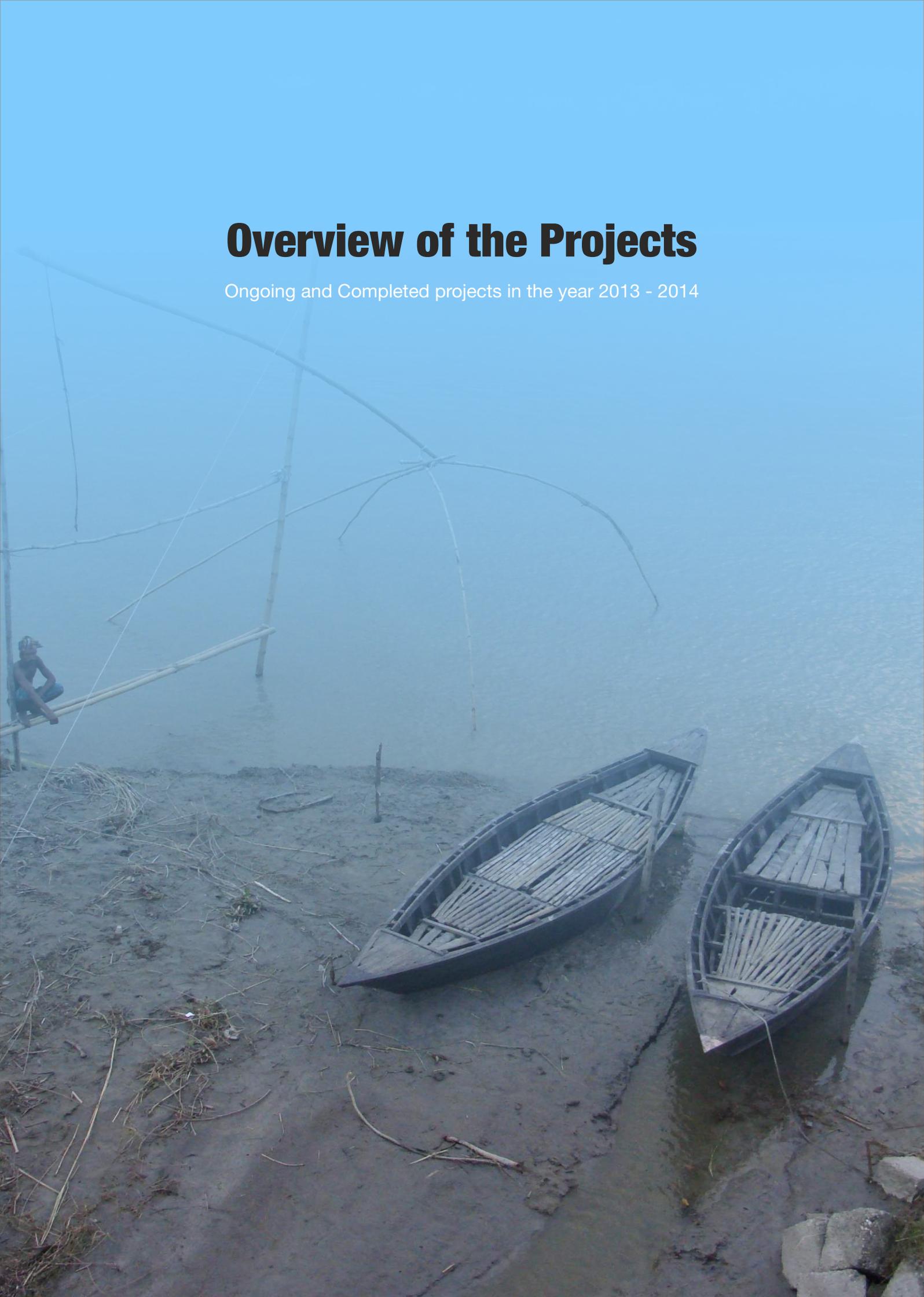


## Water Resource Economics & Accounting

Understanding the multiple connections between water resources and the economy is fundamental to ensuring sustainable water resources management. SaciWATERs uses this lens to internalise the value of water in decision making, using both theoretical and empirical tools. This thematic area examines a range of sub-themes including the role of water marketing and water pricing, estimation of demand and supply of water, the effects of privatisation of water utilities, economic valuation of water resources and cost-benefit analysis.

# Overview of the Projects

Ongoing and Completed projects in the year 2013 - 2014



# Water Policy & Governance

Water systems are typically complex, with the relationship between water and development being particularly dynamic. In this context, conflict is increasingly determining the interactions between water policy and governance. Working in partnership, SaciWATERS focuses on the characteristics of water institutions in South Asia while evaluating their influence on reform processes; studies disputes over divergent water uses; and assesses the impact of salient actors in promoting or obstructing institutional change.

The theme focuses to determine the water conflicts pertaining to water institutions in south Asia

## Projects: Ongoing

Title of the Project	Funder	Duration	Aim	Focus Areas
Transnational policy dialogue for improved water governance of the Brahmaputra River	Asia Foundation, India	2013-14	To initiate the dialogue process for smooth water management between the Brahmaputra river riparian countries.	Advocacy and Research
Impact study of social protection programmes (SPPs) in Andhra Pradesh and Karnataka	International Crop research institute for the semi-arid tropics (ICRISAT)	2012-14	This projects examines the impact of formal and informal social protection programmes (SPPs) and social safety net in selected villages in Andhra Pradesh and Karnataka	Research

# Water Policy & Governance

## Projects: Completed

Title of the Project	Funder	Duration	Aim	Focus Areas
Rural to urban transitions and the peri-urban interface: identifying, mapping, and understanding peri-urban areas in India and Pakistan	East-West Center, Hawaii	2011-13	To engage experts, scholars, promising young professionals, and students from India and Pakistan in a complex research problem in order to develop mutual interests and relationships around the topic of rural to urban transitions and peri-urban interfaces in South Asia.	Research
Documenting Disappearing Water bodies of Hyderabad City: Social Technological Options for Drinking Water Supply	Department of Science & Technology (DST)	2012-13	To develop methodological framework for creating a database for water bodies of Hyderabad metropolitan region that essentially captures information on sources of degradation of the water bodies. The study adopts watershed-based approach for identifying and delineating varied lakes/tanks.	Research



# Climate Change & Water

Climate change events in the region, coupled with population growth, are degrading natural resources while making South Asia particularly vulnerable to conflict. As climate change impacts finely balanced social, economic and ecological systems adversely, ripple effects are already being felt in terms of negative pressures on food security, livelihood security and energy security. Acknowledging this, SaciWATERS works to transform existing paradigms in natural resource management, simultaneously considering climate change mitigation and adaptation with food, energy and livelihood optimization strategies.

SaciWATERS emphasizes to capture climate change impacts on social, economic & ecological systems – and its ripple effects on food, livelihood, and energy security.

## Projects: Ongoing

Title of the Project	Funder	Duration	Aim	Focus Areas
SCaN Regional Network	Cap-Net UNDP	Since 2006	The SaciWATERS-CapNet Network (SCaN) is a platform for partnership towards capacity building in Integrated Water Resources Management (IWRM) across the South Asia region.	Partnerships & KM, Capacity Building & Advocacy

# Climate Change & Water

## Projects: Completed

Title of the Project	Funder	Duration	Aim	Focus Areas
Peri-urban Water Security in South Asia: Adapting to Climate Change and Urbanisation	IDRC, Canada	2010-13	To understand the implications of urbanization processes for water access and use in peri-urban locations in South Asia. Further the project examines the water related vulnerability, adaptation and resilience of different social groups in the context of climate change.	Research, Advocacy, & Knowledge Mobilization
Documenting Disappearing Water Bodies of Hyderabad City	Earthwatch	2013-14	To understand relationships between the degrees of disappearance of the lakes and changing land use pattern within selected catchments of Hyderabad.	Research & capacity building



# Water & Gender

The fundamental role of women in the communal and household management of water resources is now widely accepted. However, unequal access to and control over these resources remains a continuing dilemma. SaciWATERS endorses a better understanding of the complex issues underpinning water and gender, with the aim of improving women's access and choices related to water.

## Projects: Ongoing

SaciWATERS focuses on the key issue of water access and control related to both productive and domestic sector.

Title of the Project	Funder	Duration	Aim	Focus Areas
SAWA Fellowship	IDRC, Canada	2012-17	To address the issues of water security by providing the opportunity, to train a generation of water professionals using multi-disciplinary approaches that are sensitive to women, the poor, environment and sustainability.	Research & Knowledge Mobilization



# Water, Sanitation, & Hygiene

Despite massive interventions, basic access to safe drinking water and effective, equitable and sustainable delivery of sanitation remains a major challenge throughout most of South Asia. Initiatives at policy and institutional levels have fallen far short of meeting these critical needs in the region's eight countries. The lack of independent studies on a sufficiently representative scale are further exacerbating the problem of correctly assessing ground realities. Recognizing the importance of the issue, SaciWATERS is developing an inclusive, cross-sectoral strategy.

SaciWATERS brings special emphasis on the issue by developing and inclusive a cross-sectoral strategy through policy and institutional initiatives.

## Projects: Ongoing

Title of the Project	Funder	Duration	Aim	Focus Areas
Citizen's First Campaign on Accountability for Drinking water and Sanitation	Water Aid	2013-2015	The objective of the project is to empower the urban community on water supply and sanitation rights by creating a citizen's platform- primarily known as Basti Vikas Manch.	Advocacy & Capacity building
Arsenic Knowledge and Action Network	Arghyam, Bangalore	2013-2018	It is an attempt to create repository of knowledge on arsenic and enable action based on this knowledge. The network aims to increase awareness of the arsenic issue amongst affected populations and work towards addressing these issues by supporting coordinated efforts towards arsenic mitigation.	Partnership and knowledge mobilisation. Capacity building

# Water, Sanitation, & Hygiene

## Projects: Completed

Title of the Project	Funder	Duration	Aim	Focus Areas
Stimulating mobilisation for effective management of Solid Waste for the revival of Hameed Khan Kunta (lake)	US Consulate	2013-14	Creating an improved understanding of the Community waste management and its strategic significance in the revival of the Hameed Khan Kunta lake.	Research, Advocacy, & Knowledge Mobilization



# Events under Projects

## BVM

BVM conducted a World Water day on March 22nd, 2013.

The American Counsel General to Hyderabad visited Rasoolpura to commemorate World Water Day. Local children participated in a science competition on infrastructure innovations. His inspirational speech encouraged youth to take initiative and collaborate with local organizations to lead change in their communities.



## Earthwatch

The Earthwatch Citizen Science Leadership Programme

The Citizen Science Programme supported by the HSBC Water Programme (HWP) was launched in Hyderabad in partnership with SaciWATERs from July 2013 to March 2014 at the Nehru Zoological Park in the presence of HSBC volunteers. In total 6 CSL programmes have been conducted, each batch comprising of 25 volunteers from HSBC. A total of 90 volunteers have been trained in a span of one year.



## Brahmaputra Dialogue

The Bangladesh country level dialogue meeting for improved water governance of Brahmaputra River

The Bangladesh country level dialogue meeting for improved water governance of Brahmaputra River was jointly organized by the Institute of Water and Flood Management, BUET on 21 August 2013 at Institute of Water and Flood Management, BUET.



# Events under Projects

## BVM

BVM conducted a World Toilet day on November 19, 2013.

On the eve of World Toilet day on November 19, 2013 – organised with the government school children in all the three project sites to facilitate awareness generation, sensitization and behavioural change. A total of 400 children participated in this event of which 100 were primary school children. The stalls on green toilets, cleaner toilets showcased the idea of maintaining public toilets.



## East-west Center

Dissemination workshop on "Rural to urban transition and the peri-urban interface"

Dissemination workshop of the project titled "Rural to urban transition and the peri-urban interface: Identifying, mapping and understanding the peri-urban areas in India and Pakistan" took place on 30th and 31st of November 2013, in Hyderabad, India.



## SCaN

Launching Workshop to develop a Training Manual on the Impact of Climate Variability in South Asia

SCaN in association with the Institute for Resource Analysis and Policy (IRAP)India and Cap-Net UNDP organised the launching workshop for the preparation of a training manual on 'Climate Variability and Impacts on Water, Energy and Food Security in South Asia' which was held in Hyderabad, India on the 18th and 19th of February 2014.



# Events under Projects

## CoCOON

Inception workshop for the project "Climate Policy, Conflicts and Cooperation in Peri-Urban South Asia: Towards Resilient and Water Secure Communities"

Organized on 11th -13th of February, 2014 in Kathmandu, Nepal, supported by Netherland Organization for Scientific Research, the kick-off workshop was organized to reflect on the proposal's objectivities, deliverables, timeline etc and also to plan in detail the project activities for the coming years. The meeting was attended by the project team members from Wageningen University, Netherlands; ICIMOD, Kathmandu, Nepal; Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh; Jagrata Juba Shangha (JJS), Khulna, Bangladesh; Nepal Engineering College, Kathmandu, Nepal; South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERs), Hyderabad, India and MetaMeta, Kathmandu, Nepal.



**Conserving Water for the future**  
 TODAY IS WORLD WATER DAY  
 In 1993 the United Nations General Assembly declared that every year March 22 would be dedicated to conserve water. This year, the UN is focussing on the water-energy nexus, particularly addressing inequities, especially for the 'bottom billion' who live in slums and impoverished rural areas and survive without access to safe drinking water, adequate sanitation, sufficient food and energy services. It also aims to facilitate the development of policies and crosscutting frameworks that bridge ministries and agencies, leading the way to energy security and sustainable water in a green economy. Particular attention would be paid to identify best practices that can make 'Green Industry' a reality.

**Students make safe water affordable**  
 "No child should die due to lack of drinking water and no girl should be forced to travel long distances to fetch purified drinking water," said Michael Mullins, US Consul-General in Hyderabad. He added that the US Consulate was funding to discuss different technologies for water efficiency and re-use. He congratulated the school children for exhibiting innovative methods of water purification.

Senior citizens and mainly children living in low income areas are affected by various water-borne diseases that occur due to non-purification of water. The majority of these people live in the developing world, mainly Sub-Saharan Africa and South Asia.

Governer of BVM, a non-affiliate citizen platform working towards betterment of slums in Hyderabad said "The project of Alivyan Khatoun and the...

## నీటి దినోత్సవం సందర్భంగా విద్యార్థుల ప్రదర్శనలు

ప్రజాశక్తి-కంటోన్మెంట్ Prajashakti

ప్రపంచ నీటి దినోత్సవాన్ని పురస్కరించుకొని శుక్రవారం రసూల్పూర్ ప్రభుత్వ పాఠశాల ఆవరణలో బస్నీ మంచ్, సిదూర్ స్వచ్ఛంద సంస్థల సంయుక్త ఆధ్వర్యంలో ఓ కార్యక్రమం నిర్వహించారు. ఈ కార్యక్రమానికి ఆమెరికన్ రాయబారి జేగంపేట్ కార్యాలయానికి చెందిన ప్రతినిధులు ముఖ్యఅతిథులుగా పాల్గొన్నారు. విద్యార్థులు నీటి పొదుపు చార్టుస్టింక్, చెరువులు, అడవులు లాంటి ప్రాజెక్టులను ప్రదర్శించారు. విద్యార్థులకు అనేక ప్రశ్నలు వేసి తెలుసుకున్నారు. జిల్లా పరిషత్ పాఠశాల, స్థానిక కన్సూరిభా పాఠశాల విద్యార్థులు, పలు పాఠశాల విద్యార్థులు పాల్గొని ప్రాజెక్టులను ప్రదర్శించారు.

**ప్రదర్శనలను తిలకిస్తున్న బేగంపేట్**

**Pushed to the wall, they made a difference**  
 United effort by slum dwellers at Rasoolpura helps remove dump yard near school

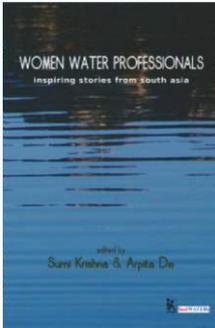
Swathi V.  
 HYDERABAD: The dump yard site near the Government High School in Rasoolpura had a high-profile visitor on Friday, a foreign dignitary. And when US Consul-General Michael Mullins came visiting to inaugurate an exhibition by school children on water conservation, the school's milieu stood radically different from what it was only four months ago. It was a hopping and walking exercise for the children every morning then - the approach to the school existed through the dump yard, only which was filled with cesspools and garbage mounds. Now, with a compound wall and skirting by municipal plantation, the children literally breathe fresher every morning. It was not corporate social responsibility, nor NGO funding that helped clear the dump yard from the area. Local slum dwellers, who united under the Easthi Vikas Manch, achieved it after two years of dogged pursuit. "We gave many representations to the authorities. We first approached the GHMC and were directed to the Se-Board. Though we made many rounds of the latter, there was no response. Eventually, we boycotted Children's Day celebrations last year, and sat on the garbage heap in protest," recounted Shaikh Noysem, a representative of the BVM. The response after that was quick, and the dump yard was cleared swiftly. BVM members then forced the school authorities to unlock the defunct school toilets, as the dump yard was being used by students for relieving themselves. The site could now be used for rainwater harvesting or for compost pits, supported by NGO SAGI Waters. "The slum dwellers would approach the corporator earlier and they would never be resolved. Through BVM, community members were mobilised, and pressure was exerted on the bureaucracy, which yielded results," said Alya Khatoun, a member of SAGI Waters. Friday's exhibition, on the eve of World Water Day, saw 150 students from five schools participate. They displayed models of rainwater harvesting, water conservation, Mr. Mullins appreciated their effort, and said the Consulate would promote water conservation technologies.

## నీరు ప్రతిజీవికి ప్రాణవాయువు

విద్యార్థులు తయారు చేసిన ప్రాజెక్టులను సరికిరిస్తున్న బస్నీ విశాన మంచ్ ప్రతినిధులు. విశేష, హల్వా, డి.బి.ఎం. నీరు సమాఖ్యలో ప్రతి జీవికి ప్రాణవాయువు అని భారతీయ వాటాని ప్రాణం అంది. ఇలా గ్రీన్ లో శాస్త్రం మోటు నేలకు పలుకుబడితో ఎవరి బుమొకే వదలకే రెండు మూడేళ్లకే ద్వం

విద్యార్థులు తయారు చేసిన ప్రాజెక్టులను సరికిరిస్తున్న బస్నీ విశాన మంచ్ ప్రతినిధులు. విశేష, హల్వా, డి.బి.ఎం. నీరు సమాఖ్యలో ప్రతి జీవికి ప్రాణవాయువు అని భారతీయ వాటాని ప్రాణం అంది. ఇలా గ్రీన్ లో శాస్త్రం మోటు నేలకు పలుకుబడితో ఎవరి బుమొకే వదలకే రెండు మూడేళ్లకే ద్వం

శాల విద్యార్థులు నీటి వినియోగంపై తయారు చేసిన ప్రాజెక్టులను ప్రదర్శనలో విద్యార్థులూ, కలపకమైన నీటి సందర్భాలో ప్రజా అలోకాల పరిస్థితి ఎలా ఉంటుందో, పరిష్కార మైన నీరు వినియోగం ఎలాంటి ప్రయోజనాలి ఉంటాయో, ప్రకృతి అందంలో భూ ఉపరితల అంతర్గత ప్రాంతం నుండి వచ్చే నీటి ప్రయోజనాలపై తెలివీ అంశాలతో కూడిన ప్రాజెక్టులను విద్యార్థులు తయారు చేశారు. ఈ ప్రాజెక్టులను ప్రతిజీవుల ఎంతగానో అన్వేషణ తిలకించాలి. ఈ సందర్భంగా మేకలపేటిన్ మాట్లాడుతూ ఆమెరికా ప్రభుత్వం నీటి వినియోగంపై ప్రజా బద్ధంగా ఎంతో క్రైస్తవ ప్రజలకు ప్రకృతి నీటి సరఫరా చేస్తుందన్నారు. భారతీయ ప్రజా ఆమెరికా ప్రభుత్వం కేంద్రమైన నీటి యోగం పేరు వలు అమగాచన కార్యక్రమాల నిర్వహించి సాధ్యమైన వారాలను అందిస్తూ ఆయన చెప్పారు. ఈ కార్యక్రమంలో విశాన మంచ్ సగం కోశ్చిత్వం ఎన్ యాభి లక్షణి, కంపెనీ, జయశంకర్, డి.గ. బొమ్మర్ల కోశాం కైస్తవ భాషా, రెండు అలియాకో పాటు నివర్తనం ప్రతినిధి సంఘాను సంస్థ ప్రతినిధుల ఈ కార్యక్రమంలో పాల్గొన్నారు.



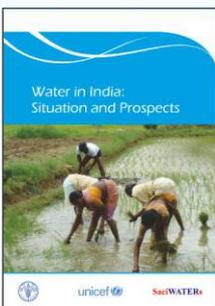
## WOMEN WATER PROFESSIONALS

This book is the first to profile women from Bangladesh, India, Nepal, Pakistan and Sri Lanka' women at the grassroots and with NGOs, women activists, journalists, administrators, scientists, academics, action-researchers - who have faced challenges related to water with courage and determination. Complementing the 32 women's voices is data compiled from an analysis of the situation of women water professionals in the region. Written in an engaging manner, this book will be of interest both to the general reader and to academics and practitioners in water management and gender/women's studies.



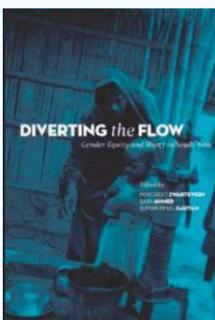
## WATER RESOURCES POLICIES IN SOUTH ASIA

This book argues for an integrated framework in formulating and implementing water policies in South Asia. It also highlights some common missing links in the national policies: problems of techno-centric and blueprint approach to water management, growing influence of international donor agencies and inadequate concern for issues such as equity, sustainability, gender sensitivity, accountability, regional diversity in property rights regimes and water management practices, and regional conflicts over water access.



## WATER IN INDIA: SITUATION AND PROSPECTS

This report attempts to provide a comprehensive analysis of the state of water resource development and management in India, based on secondary information and consultations with leading experts, government officials, academicians, activists and grassroots workers. It maps current challenges and suggests feasible alternatives amidst increasing water scarcity and disenfranchisement of resource bases for the poor and the marginalised. The report encompasses both a depiction of the state of freshwater resources and potential problems and progress towards identified goals, including workable solutions.



## DIVERTING THE FLOW

The book provides an overview of gender, equity and water issues relevant to South Asia. The essays empirically illustrate and theoretically argue how gender intersects with other axes of social difference such as class, caste, ethnicity, age and religion to shape water access, use and management practices. The book clearly shows how understanding and changing the use, distribution and management of water is conditional upon understanding and accommodating gender relations.

# Newsletters & Discussion Papers

## Newsletters



Volume-1 of the newsletter featured information on the evolution on the thought process behind the evolution of the network idea and news from the inception meeting held in October 2013. This volume also brought out brief reports on projects and research on water quality in general and arsenic contamination in particular from Assam and Jharkhand.



The newsletter highlights the efforts and the process in reviving and strengthening the community platform, Basti Vikas Manch (BVM). BVM is created to demand the water and sanitation rights of the poor in the city through capacity building. Initiatives such as regular dialogues, interface meetings with govt functionaries of the community on their water and sanitation rights were instrumental in creating community awareness.

## Latest Discussion Papers

**09**  
2013

Water Security in Peri-Urban South Asia  
Rajesh Singh, Anandita Ghosh

Discussion Paper Series

**Dynamics of Rural Water Flows to Quench Urban Thirst: Implications on Local Water Security**

The rapid and haphazard urbanization in Kathmandu and expansion of settlements in the peri-urban rural landscape has resulted in formation of the peri-urban areas which are rapidly transforming into urban form, and simultaneously, local drinking water supply systems are rapidly increasing. This paper discusses the changing modes of urban oriented water flow from the peri-urban landscape of Kathmandu and the implications of the water transfer on water security of peri-urban areas. Through series of semi-structured interviews, focus and informal discussions with local people and key informant interviews, the study found that Kathmandu, a peri-urban area has traditionally been a source of water for the domestic water demand in Kathmandu. However, the social and economic developments have resulted a paradigm shift in urban water transfer from the area and promoted the economic benefits as a way of compensating the loss of local water resources. However, the increasing opportunities of economic benefits through water market in absence of a regulatory mechanism has resulted in reduction of resources and therefore created a need for a strong mechanism, promoting insights for sustainable water resource management to prepare a water security area.

**10**  
2013

Water Security in Peri-Urban South Asia  
Ulqay Khatun, Muhammad Rezaul Karim, M. Shah Alam Khan, Farhat Rahman, M. Shafiqul Haque, Hamed Hossain, Farzana Khatun, Hamed Hossain, Ural Karim Hossain

Discussion Paper Series

**Use of a Shared River by Urban and Peri-Urban Residents: Water Use Conflicts and Adaptation Measures**

This study was conducted to assess how urban and peri-urban residents of Khulna have been affected by the river flow through its use and abuse, and to explore adaptation measures. To complete the study, primary data was collected through field surveys, stakeholders' consultation, focus group discussions, key informant interviews and water quality analysis. Result shows that the major player a very important role by meeting the significant domestic demand water demand and water quality analysis. Result shows that the major player a very important role by meeting the significant domestic demand water demand and water quality analysis. Result shows that the major player a very important role by meeting the significant domestic demand water demand and water quality analysis.

**11**  
2013

Water Security in Peri-Urban South Asia  
M. Saifuddin Jaleel, M. Shafiqul Haque, M. Shah Alam Khan, Ulqay Khatun, Farhat Rahman and Hamed Hossain

Discussion Paper Series

**Salinity Progression at Khulna: Anthropogenic or Climate Change Induced?**

Surface water salinity, being accompanied by the reduction in the dry season upland flows, now reaches as far as Khulna – a coastal city of Bangladesh highly exposed to climate change impacts. The projected sea level rise due to climate change would further aggravate the situation with the probability of increased spatial coverage and temporal duration of salinity, and the relative risk of saline intrusion due to cause of salinity intrusion, this study analytically assesses the risk of regional anthropogenic interventions on the land and global climate change induced sea level rise on the other on the basis of salinity progression in Khulna. Analysis of the long term trends in tide water level, upland flow and river water salinity, indicates that regional human interventions, both in and outside the country, have contributed more in hydro-morphological changes in the region than the climate change induced sea level rise leading to salinity intrusion in Khulna.

**12**  
2013

Water Security in Peri-Urban South Asia  
Aman Deewan

Discussion Paper Series

**Power, social capital and differential vulnerabilities: A study of water access in a peri-urban village of Haryana**

This article deals with the extent of water access in a peri-urban village of Haryana. It describes how power and social capital influence the flow of water. It argues that political power is a significant determinant influencing water security and those communities which lack the power to access water use social capital as an adaptive tool to enhance their water security. The paper is organized as follows: Section 1 focuses on the introduction to the concept and theme; it gives an introduction to the place of study and briefly states the methodology used to conduct the research. Section 2 takes a historical perspective to focus on salinization suffered by lower castes; it discusses the plight of the lower castes in earlier times and also mentions the ways through which the upper caste communities dominated and influenced the access to water of the dalits. Section 3 discusses the current water supply situation of the village, especially focusing on the role of village political institutions followed by adaptive responses of the social groups which are not satisfied with the water supply situation. Section 4 highlights the role of social capital in enabling adaptation to water related problems, the drinking as well as water use in irrigation. Section 5 describes the types of social capital that exist in the field and the influence of this in mediating water security. Lastly, in section 6 the paper presents a set of conclusions, facilitates the down and a few recommendations that shall be helpful to policy makers, researchers and academicians.

**13**  
2013

Water Security in Peri-Urban South Asia  
Afaa van der Woude

Discussion Paper Series

**Changing environment – changing waters: An analysis of drinking water access of vulnerable groups in peri-urban Sultanpur**

This article presents a study on inequities in drinking water access in the peri-urban village of Sultanpur, near Jaipur, India. It is based on three aspects of field research, in which mainly qualitative data were collected through participatory observation and interviews. The study analyses drinking water access of vulnerable groups in this peri-urban village, and the structures and socially vulnerable groups in this peri-urban village, and the structures and socially vulnerable groups in this peri-urban village, and the structures and socially vulnerable groups in this peri-urban village.

**14**  
2013

Water Security in Peri-Urban South Asia  
Aman Deewan, Vishal Nairan and Pranshu Rajan

Discussion Paper Series

**Taking the road less taken: Reorienting the state in periurban water management**

This paper discusses the intervention strategy to improve water security in periurban villages, Sultanpur and Jaipur, India. In periurban Gurgaon, Rajasthan, the state's intervention strategy to improve water security in periurban villages, Sultanpur and Jaipur, India. In periurban Gurgaon, Rajasthan, the state's intervention strategy to improve water security in periurban villages, Sultanpur and Jaipur, India.

Available at: <http://www.saciwaters.org/periurban/discussion.html>

# Donors & Partners

## Donors



## Partners



Tata Institute of Social Sciences



### SAMPATH & RAMESH

CHARTERED ACCOUNTANTS

(Regd. No. (FRN) 005947S)

#### INDEPENDENT AUDITOR'S REPORT

To  
The Members  
SaciWATERS  
SECUNDERABAD.

##### Report on the Financial Statements:

We have audited accompanying **CONSOLIDATED** financial statements of **SaciWATERS** (South Asia Consortium for Interdisciplinary Water Resources Studies ("the Society") B- 87, 3rd Avenue, Sainikpuri, Secunderabad - 500 094 Andhra Pradesh India, which comprise Balance Sheet as at 31st March 2014 and annexed Income & Expenditure Account and Receipts & Payments Account for the year ended, and a summary of significant accounting policies and other explanatory information.

##### Management's Responsibility for the Financial Statements:

Management is responsible for the preparation of these financial statements in accordance with the Andhra Pradesh Societies Act and accounting principles generally accepted in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

##### Auditor's Responsibility:

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the **Standards on Auditing** issued by the **Institute of Chartered Accountants of India**. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Society preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

*J. Sreenivasulu Reddy*

# Financials

Fiscal Year 2013 - 2014

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**Opinion:**

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Andhra Pradesh Societies Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

- (a) in the case of the Balance Sheet, of the state of affairs of the Society as at 31<sup>st</sup> March 2014;
- (b) in the case of the Income & Expenditure Account of the excess of expenditure over income for the year ended on that date.
- (c) In the case of Receipts & Payments Account, of the cash Flows for the period ended on that date.

For **SAMPATH & RAMESH**  
Chartered Accountants  
(FRN 005947S)


(CA. KRISHNA REDDY.A.)  
Partner M. No: 204755

Place: Hyderabad.

Date: 11.08.2014

SaciWATERS,  
B-87, 3<sup>rd</sup> Avenue,  
Sainikpuri, Secunderabad-500094

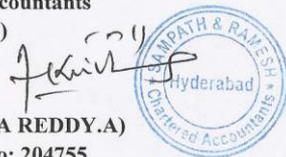
01-04-2013 to 31-03-2014

### NOTES ON ACCOUNTS

- a) The Society is registered with Income Tax Department as Charitable Institution under 12A of Income Tax Act vide No.: HQRS.I/86/12A/DIT(E) Dated 23.06.2003. conditions / required for exemption of Income, are complied consequently income of the society is exempt from tax.
- b) Expenditure incidental to regulation or organizational activities and formulation of governance policies to the extent related to the project incurred but not specifically provided either component wise or disbursement category wise in the approved budget have been considered based on the approval.
- c) Capital Fund represents Fixed Assets Value of the Organization.
- d) Figures have been regrouped wherever necessary and rounded off to the nearest rupee.

For SAMPATH & RAMESH  
Chartered Accountants  
(FRN 005947S)

(CA.KRISHNA REDDY.A)  
Partner M. No: 204755



Place: Hyderabad.

Date: 11.08.2014

# Financials

Fiscal Year 2013 - 2014

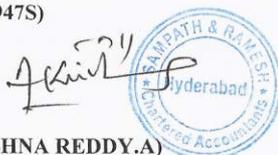
SaciWATERS,  
B-87, 3<sup>rd</sup> Avenue,  
Sainikpuri, Secunderabad-500094

01-04-2013 to 31-03-2014

## Significant accounting policies

- a) The accounts are drawn on historical cost concept basis in accordance with the generally accepted accounting policies.
- b) Fixed Assets are reflected at cost less depreciation
- c) Fixed assets are acquired at cost of acquisition, inclusive of freight, installation cost, duties, taxes and other identical expenses
- d) Depreciation on Fixed Assets is charged on written down value at the rates specified in Income Tax Rules.
- e) Income in respect of programs in the form of grants / contributions, reimbursements, resource fee, consultancy and interest on bank deposits is recognized on accrual basis with definite certainty.
- f) Foreign Contributions are recorded at the rates of exchange on the dates of the respective receipts.

For SAMPATH & RAMESH  
Chartered Accountants  
(FRN 005947S)



(CA. KRISHNA REDDY.A)  
Partner M. No: 204755

Place: Hyderabad.

Date: 11.08.2014

# Financials

Fiscal Year 2013 - 2014

**SaciWATERS**  
B 87, Sainikpuri, Secunderabad - 500094  
CONSOLIDATED BALANCE SHEET AS ON 31.03.2014

PARTICULARS	Schedule No.	Current Year Amount INR	Previous Year Amount INR
<b>SOURCES OF FUNDS:</b>			
Capital Fund	XII	8,44,088.99	6,77,537.42
General Reserve	VII	43,28,618.85	89,03,784.14
Projects funds			
General fund		66,19,129.66	-
		<b>109,47,748.51</b>	<b>89,03,784.14</b>
<b>TOTAL</b>		<b>117,91,837.50</b>	<b>95,81,321.56</b>
<b>APPLICATION OF FUNDS:</b>			
Current Assests , Loans & Advances			
Fixed Assets	XII	8,44,088.99	6,77,537.22
Loans and Advances	X	4,36,197.42	3,50,824.62
Accured Interest on Fixed deposits		-	1,56,552.26
Closing Balances	I	106,86,405.09	88,05,026.46
		<b>119,66,691.50</b>	<b>99,89,940.56</b>
<b>Less: Current Liabilities &amp; Provisions</b>			
Current Liabilities	XI	1,74,854.00	4,08,619.00
<b>TOTAL</b>		<b>117,91,837.50</b>	<b>95,81,321.56</b>

The schedules referred to above and the notes thereon form an integral part of the accounts

As per our report even date attached

for SAMPATH & RAMESH CHARTERED ACCOUNTANTS  
(Regd. No. (FRN) 005947S)

For SaciWATERS

(CA KRISHNA REDDY. A)  
PARTNER, M.NO. 204755



(S.JANAKA RAJAN)  
President

(RAMASETTY MURALI)  
Treasurer

(ANAMIKA BARUA)  
Executive Director

Place : Hyderabad  
DATE :: August 11, 2014

# Financials

Fiscal Year 2013 - 2014

**SaciWATERS**  
B 87, Sainikpuri, Secunderabad - 500094  
CONSOLIDATED INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD FROM APRIL 1, 2013 TO MARCH 31, 2014

PARTICULARS	Schedule No.	Current Year Amount INR	Previous Year Amount INR
<b>INCOME :</b>			
Funds received towards Project Implimentation for FY 2013-14	V	261,70,819.74	220,87,388.13
Other Reciepts and Contributions	III	1,98,704.00	4,61,261.00
Bank Interest	XIII	2,97,083.94	2,11,873.26
Writeoff of unpaid provison for the FY 2012-13		35,257.00	
Sale of Old assets	XII	41,300.00	-
<b>TOTAL</b>		<b>267,43,164.68</b>	<b>227,60,522.39</b>
<b>EXPENDITURE:</b>			
Project Implimentation cost	VI	283,48,265.04	196,45,025.84
Office and Administrative expenses	VIII	14,69,353.58	16,949.00
Depreciation on fixed assets		-	1,65,419.24
<b>TOTAL</b>		<b>298,17,618.62</b>	<b>198,27,394.08</b>
Surplus / Deficit for the Year		(30,74,453.94)	29,33,128.31
<b>Transfer to Balance Sheet</b>		<b>(30,74,453.94)</b>	<b>29,33,128.31</b>

The schedules referred to above and the notes thereon form an integral part of the accounts

As per our report even date attached

for **SAMPATH & RAMESH CHARTERED ACCOUNTANTS**  
(Regd. No. (FRN) 005947S)

(CA KRISHNA REDDY. A)  
PARTNER, M.NO. 204755

Place : Hyderabad  
DATE :: August 11, 2014



For **SaciWATERS**

*(Signature)*

(S.JANAKA RAJAN)  
President

*(Signature)*

(RAMASETTY MURALI)  
Treasurer



(ANAMIKA BARUA)  
Executive Director

# Financials

Fiscal Year 2013 - 2014

**SaciWATERS**  
B 87, Sainikpuri, Secunderabad - 500094  
**CONSOLIDATED RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD FROM APRIL 1, 2013 TO MARCH 31, 2014**

PARTICULARS	Schedule No.	Current Year Amount INR	Previous Year Amount INR
<b>RECEIPTS:</b>			
Opening Balance	I	88,05,026.46	62,86,641.17
Funds / reimbursements received towards Impliting the projects	II	284,95,850.05	220,87,388.13
Other Receipts and Contributions	III	1,98,704.00	4,61,261.00
Bank Interest	XIII	4,26,602.20	46,151.00
Loans and Advances	X	-	81,200.00
<b>TOTAL</b>		<b>379,26,182.71</b>	<b>289,62,641.30</b>
<b>PAYMENTS:</b>			
Project Implimentation cost	IV	249,82,658.04	172,36,526.74
Office and Administrative expenses	VIII	14,54,788.58	20,16,829.10
Capital Expenditure	IX	3,91,630.00	4,57,316.00
		<b>268,29,076.62</b>	<b>197,10,671.84</b>
Out standing Liabilies paid (previous year)		3,73,362.00	1,42,288.00
Loans , Advances and deposits	X	37,339.00	3,04,655.00
Closing Balances:	I	106,86,405.09	88,05,026.46
<b>TOTAL</b>		<b>379,26,182.71</b>	<b>289,62,641.30</b>

The schedules referred to above and the notes thereon form an integral part of the accounts

As per our report even date attached

for **SAMPATH & RAMESH CHARTERED ACCOUNTANTS**  
(Regd. No. (FRN) 0059475)

(CA KRISHNA REDDY. A)  
PARTNER, M.NO. 204755



For SaciWATERS

(S.JANAKA RAJAN)  
President

(RAMASETTY MURALI)  
Treasurer

(ANAMIKA BARUA)  
Executive Director



Place : Hyderabad  
DATE :: August 11, 2014

# Team

As on March 31<sup>st</sup>, 2014



Anjal Prakash - Executive Director

Neena Rao - Director - Projects and Partnerships

Poulomi Banerjee - Senior Fellow

Sreoshi Singh - Research Fellow

Sreenivasulu Chedubavi - Head - Finance and Administration

Chirantana Kar - Research Fellow

Arjun Surendra - Research Associate

Karthik Seshan - Research Associate

Rithika Fernandes - Research Associate

Nanibabu Battu - Research Officer, GIS

Phanindra - Research Assistant

Arthi Raj - Manager & Administration

Md Fahad Abdul - Web Administrator/Graphic Designer

Raju Kakkerla - Web Administrator/Graphic Designer

Haribabu Pendela - Accounts Officer

Raissa - Admin Assistant & PA to ED

Shaik Khaleel Pasha - Admin/Office Assistant

Robin Anthony - Office Cum Travel Assistant

Sai Kiran - Field Assistant



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