

WEBINAR PROCEEDINGS

The U.K.-India-Netherlands Webinar
on
Water Security: Pathway to Climate Adaptation and Resilience

Date: 09 December, 2020

Time: 14:30 - 17:00 hrs. (IST), 09:00 - 11:30 hrs. (GMT), 10:00 – 12:30 HRS. (CET)

Organized by:

India Water Partnership (GWP-India)

Hosted by:

the British Deputy High Commission, Chennai
and the Embassy of Kingdom of the Netherlands, India

Knowledge Partner:
EverythingAboutWater

Hosted by:



Kingdom of the Netherlands

Organised by:



Knowledge Partner:



1. Acknowledgement:

This proceeding has been jointly prepared by the India Water Partnership and EverythingAboutWater for the U.K.-India-Netherlands Webinar on Water Security: Pathway to Climate Adaptation and Resilience. We extend our sincere gratitude to the British Deputy High Commission, Chennai and the Embassy of the Kingdom of the Netherlands for providing all the support and cooperation in making the program a grand success.

We also acknowledge with thanks the wholehearted support received from the Global Water Partnership. We extend a heartfelt thanks to all the speakers, experts, moderators and delegates from the three countries to be a part of the programme. Last and not the least, we also thanks all the participants for attending the webinar and addressing major issues and insightful queries during the course of the programme.



Table of Contents

Sl. No.	Title	Page No.
1.	Acknowledgement.....	2
2.	Background.....	4
3.	About the Webinar.....	4
4.	Objective of the Webinar.....	5
5.	The Webinar Proceedings	
	• Session 01: Introductory Session.....	6
	• Session 02: Knowledge Sharing Session.....	7
	• Session 03: Steered interactive discussion on the U.K.-India-Netherlands Joint Working Group.....	9
6.	Findings of the Webinar.....	10
7.	Pictures (Snaps of the Webinar).....	11
8.	Social Media Coverage.....	13
9.	Collaterals designed for the Webinar.....	17
10.	Annexures and Tables	
	• Table No. 1: Agenda/ Programme.....	20
	• Table No. 2: Attendee Report and Panellists' Details.....	21

2. Background:

Climate Change is altering the global water cycle with cross-sector impact affecting global livelihoods and lives – rainfall, drought, floods, water quality, scarcity etc. Too much or too little or poor quality water will affect food security, sanitation, public health, manufacturing, availability of drinking water, transportation. The world needs to move past incremental change to transformational change including climate-resilient water sanitation responses. The global population will reach 10 billion by 2050, with 66% in urban areas, increasing pressure on water networks and infrastructure. Groundwater is the most extracted raw material in the world – and supplies are dwindling. Those without sufficient water (at least one month p.a.) will soar from 3.6 billion today to over 5 billion by 2050 (UN World Water Development Report, 2018). Without adaptation, climate change may cut global agriculture yields up to 30% by 2050. 500 m small farms globally will be most affected (GCA, 2019). Today, 1 in 3 people, around 2.2 billion, live without safe drinking water. Climate-resilient WASH could save the lives of more than 360,000 infants every year.

Climate change is one of the most crucial environmental, social, and economic issue the world is facing today. Some impacts such as increasing heat stress, more intense floods, prolonged droughts, and rising sea levels have now become inevitable. Climatic extremes are becoming more frequent; wet periods are becoming wetter and dry periods are becoming dryer. The impacts are most severe for the developing countries. It is high time to plan and implement adaptive measures to minimize the adverse impacts due to climate change, and it is important to explore innovative ideas and practices in building resilience for sustainable development and livelihood, particularly in rural areas of developing countries which are highly vulnerable to climate change. Climate innovation and technologies involve basic science and engineering as well as information dissemination, capacity building, and community involvement.

3. About the Webinar:

With the above mentioned backdrop, this webinar is jointly hosted by the British Deputy High Commission Chennai & the Embassy of the Kingdom of the Netherlands, India, and is organised by the India Water Partnership (GWP-India). This webinar was organized to offer ideas for possible joint work ahead of the Netherlands hosted Global Adaptation Summit in January 2021 and U.K.-hosted Global Climate Conference COP-26 in November 2021. It was meant to encourage the U.K.-India-Netherlands collaboration on water security in response to UN Water's Global Acceleration Framework launched in July 2020 calling for urgent global partnership to ensure transformative global success in SDG 6.

This event was designed to have three sessions:

- **The Introductory Session** where senior speakers from the U.K., India & the Netherlands presented their strategic & macro-level perspectives on water security. First, their views on the global context linking water to climate adaptation & resilience and how domestic thought-leadership & action is developing on water security. Second, their vision of how a U.K.-India-Netherlands partnership can have a transformative global impact ahead of the Netherlands-hosted Global Adaptation Summit in Jan 2021 & the U.K. hosted COP26 in Nov 2021.
- **The Knowledge-Sharing Session** that offered a chance for six 'water sector' experts, two each from the U.K., India & the Netherlands to offer more detailed / specialised perspectives on different aspects

of water security (decentralising water resource, ensuring universal & equitable access, water conservation/rejuvenation, groundwater protection, flood / drought management). This included case studies, lessons learned, projects that have proven worth & could be scaled up at domestic, regional or global level. It also included their ideas on specific opportunities / projects where and how the U.K.-India-Netherlands can build on good work that has already been undertaken to generate transformative impact on water security.

- The third and final session - ***the Interactive Session***, aimed at firming up a U.K.-India-Netherlands Working Group on Water Security. This was a moderated discussion offering a chance to a wider range of water sector invitees/participants from the U.K., India & the Netherlands to offer their perspectives. This session welcomed public & private stakeholders from the U.K., India & the Netherlands to come together as part of a new U.K.-India-Netherlands Working Group on Water Security to maximise joint working and impact on water security and to discuss specific joint ideas/action on water security.

4. Objective of the Webinar:

The objective of the webinar was to share knowledge, good practice and lessons learned on water security that can maximise joint work and impact on food security, urban development, health security, gender security and safety from natural disasters such as flood or drought. The event took on a particular urgency in the light of the global context on water and the need for urgent collaborative action.

5. The Webinar Proceedings:

- **Session 01: the Introductory Session:**

The webinar was ushered by **Dr. Veena Khanduri**, Executive Secretary-cum-Country Coordinator - India Water Partnership, welcoming all the delegates, experts and participants from the three countries. She talked about the longstanding relationship between India and the U.K. and the Netherlands in the area of water security and invited moderator for the first session – **Mr Andy Roby**, Senior Water Security Advisor Climate & Environment Division at the Foreign Commonwealth & Development Office, London. **Mr Roby** started the webinar stressing on the two important points: mitigation & adaptation. He emphasised on importance of being prepared to face the unforeseen with flexibility & working on the action plan in collaboration with Govt. of the Netherlands, India & the U.K. ahead of the two major events planned in 2021, the Netherlands hosted Global Adaptation Summit in January 2021 and the U.K.-hosted Global Climate Conference COP-26 in November 2021. Mr Roby welcomed the three imminent speakers of the first session – Shri U. P. Singh, Secretary - Dept. of Water Resources, Ganga Rejuvenation and River Development, Ministry of Jal Shakti, Government of India, Mr Oliver Ballhatchet, MBE, British Deputy High Commissioner, Chennai, and Mr Joost Geijer, Head of Economic Dept. Embassy of the Kingdom of the Netherlands.

Mr U. P. Singh, Secretary - Ministry of Jal Shakti (Govt. of India), gave the overview of the water security situation in India & the steps that the Ministry of Jal Shakti is taking to ensure the water secured future. He talked about the negative impact of climate change on rain fall, the floods in urban areas, number of rainy days coming down & the water distribution becoming more & more skewed over time & space. He talked about the New Water Policy in which climate change is one of the focus areas. The focus in the new policy is shifting from supply side to demand supply in water sector with emphasis on efficient water use & participatory ground water management, water budgeting at community level etc. The other area of focus is river rejuvenation by bringing water back to rivers. Overall, he presented the measures taken by Govt. of India to address the key challenges related with climate change & water security situation in India.

The next to speak at the session was **Mr Oliver Ballhatchet** (MBE) British Deputy High Commissioner, Chennai. Mr Oliver started his speech with detailing the adverse effects of Climate Change & its long term impact on global population, drinking water stress, increasing floods & cyclones all over the world. He talked about the actions that the U.K. Govt. is taking to support the various global projects & projects in India on water governance, Water resource management, integrated water management, drinking water supply & sanitation, river basin management, flood planning & forecasting, water supply distribution network & many others. He hinted out the active participation of the U.K. Govt. to address the key issues related with water security in India & also the keen interest in collaborative efforts & action plan.

Mr Joost Geijer, Head of the Economic Dept., Embassy of the Kingdom of the Netherlands spoke as the last speaker in the session. He is the Economic Counsellor at the Netherlands Embassy in New Delhi since July 2019 & has served as Head of the Economic Section in Cairo Embassy from 2012-19. Like the other two speakers of the session, Joost gave Dutch perspective on how they look at the subject & how they have been actively working in joint working groups with GOI to apply the lessons what they have learned in the Netherlands as it being a delta country & sewage hub for Europe. He also stressed the need of the hour to collaborate with U.K. & India to address the water security & the social challenges of India.

- **Session 02: the Knowledge Sharing Session:**

The second session of the webinar focussed on WASH, flood and drought management, water rejuvenation, universal and equitable access etc. in the three countries. Six experts, two from each countries, presented case studies and offered ideas on how the U.K.-India-Netherlands can build on good work already done to achieve transformative impact in water security.

Ms. Maya Acharya, Senior Advisor Trade at the Embassy of the Netherlands started the session by introducing the moderator **Prof Santosh Kumar** (Head, Governance, Policy Planning, & Inclusive DRR), National Institute of Disaster Management, Ministry of Home Affairs (Government of India). Talking about various aspects of Water Security and Climate Adaptation, Prof Kumar briefed the attendees about the second session. He then invited the panellists from the three countries to speak.

First to speak at the session was **Mr G. Asok Kumar**, Addn. Secretary & Mission Director at the National Water Mission (Government of India). Mr Kumar started his talk by highlighting the key challenges which climate change has posed which is resulting into more & more cases of urban flooding. In his capacity as mission director, he talked about various initiatives that has been taken in the last five years to increase the water use efficiency specially in agriculture sector which is the largest user of water, about 89% whereas the water use efficiency is just 30-35% so there is huge scope of improvement & the mission has been working to save at least 10% in that area to address the problem of water security. The mission also worked aggressively to start using STP water for recycle & reuse – turning urban sewage water back in the system. It also started using the concept of Decentralized STPs & recycling for rejuvenating the water tables of nearby areas. In the last one year, National Water Mission has started two new initiatives, one by name of ‘SAHI FASAL’ means growing right crop at right place & the second is ‘CATCH THE RAIN - WHERE IT FALLS, WHEN IT FALLS’ means storing the rain water for next six to eight months with people’s participation. Finally he concluded his address with a slogan for the upcoming new year of ‘5 R: Reduce, Reuse, Recycle, Rejuvenate & Respect Water’.

The second speaker for the knowledge session was **Ms. Sandra Schoof**, Program Manager at Water as Leverage - the Netherlands Enterprise & Development Agency. She has around 6 Years’ Experience as Senior Policy Advisor International Water Affairs at the Ministry of Infrastructure and the Environment and has served as Senior project Manager at the Netherlands Foreign Investment Agency. Ms. Schoof presented Water as Leverage for Resilient Cities in Asia. She highlighted the importance of working together in proactive manner for finding the comprehensive solutions to address the climate change challenges. We need to rethink the approach & involve all the stakeholders’ right from the beginning including R & D, finance, project execution, community etc. She spoke about Resilient Cities Asia Programme which is already going on in three cities of Asia namely, Chennai in India, Khulna in Bangladesh & Semarang in Indonesia. She presented in detail about developing transformative, bankable, replicable & scalable project proposals around Water as Leverage for Chennai, Semarang & Khulna. She highlighted key features of each of the project & how Water becomes leverage. She concluded her presentation with emphasising the importance of collaboration, consistency, capacity building & learning from each other in project development for successfully taking pathways to resilience.

The third speaker of the session was **Mr Rob Hope**, Professor - Water Policy, University of Oxford, U.K. He is the Director of Water Security Initiative at the School of Geography and the Environment, Director of *the Water Programme* at the Smith School for Enterprise and the Environment, and a Member of the Oxford Water

Network. His research interests focus on water policy, poverty and economics, largely in Africa and Asia, including earlier work in Madhya Pradesh, Himachal Pradesh and Odisha. Mr Rob spoke about improving water security for poor in a different perspective. He shared his learnings & reflections of the various Global researches carried out to improve water security for poor in Africa & Asia. He spoke about his reflections from a research project in Madhya Pradesh which focuses on understanding the effectiveness of investment in irrigation system modernization. Another important reflection was about importance of redistributing risk management responsibilities to achieve Sustainable Development Goals (SDGs) for safely managed drinking water in rural Bangladesh. He shared the outcome of his research work as sustainable & scalable for policy framework & models for future projects.

The next speaker of the session was **Prof Indra S. Sen**, Assistant Professor, Dept. of Earth Sciences, IIT-Kanpur. Dr. Indra Sen is geochemist by training, & over the last 7 years, has worked on water quality issues in India. Dr. Sen obtained his Ph.D. degree from Florida International University (USA) in 2010 & completed postdoctoral training from 2010-2013 at Woods Hole Oceanographic Institute (USA) - one of the leading oceanographic research institutes in the world. The topic of presentation of Dr. Sen was 'New paradigms in Water quality monitoring to achieve the Water Security for all'. He spoke about new technology used for developing low cost in-situ water quality testing device 'Padmavati'. Over the last 7 years, he along with his team have developed two state of the art, modern yet simple devices. The first is Padmavati testing device to monitor water quality pollutants & the other is 'Clear Bottle' for removing & dryly storing dissolved trace contaminants to facilitate dry sampling water quality monitoring paradigm. He concluded his presentation with a note that we can't achieve water security without monitoring water quality.

The next speaker of the session was **Mr Tjitte Nauta**. Mr Nauta has more than 30 years of experience as Strategic Advisor at the applied research institute Deltares. His experience includes integrated flood risk management, master planning and IWRM studies for inland and coastal water systems in numerous countries worldwide. In Asia these include Thailand, Philippines, Myanmar, Indonesia, Vietnam, India, PR of China, Hong Kong, Singapore, Taiwan and a number of Pacific Islands. He shared his Netherlands experience of Integrated Flood Risk Management & highlighted the three key points: Netherlands Flood management, Room for the river & nature based solutions. He explained all the three things in detail & concluded his presentation with suggesting the sustainable flood strategy which should have the key points: safety comes first, building nature based solutions with ecological rehabilitation, add value to society, should be cost effective & flexible, should be implemented gradually & lastly it should lead to climate proof planning & development.

The last speaker for the session was **Ms. Clare Shakya** Director of Climate Change, International Institute for Environment & Development, the United Kingdom. She has around 30 years of experience in climate resilient development, natural resources and water systems. She spent 15 years with DFID U.K. where she led Asia and then Africa Division's climate change response, building a portfolio for climate finance aligned to DFID's development interventions. This included leading the design and delivery of a multi-donor initiative on trans-boundary river basin management in South Asia helping shape water management policy, practice, and public discourse in the region. She has led IIED's research support to India's flagship social protection program – MGNREGS for over 5 years under the U.K.'s ICRG program, supporting policy makers co-develop approaches, tools and guidance on integrating climate risk management provisions in the scheme. Ms. Shakya talked briefly about the importance of re-thinking the governance to address the complexity of governance challenges. The focus needs to shift from technology to delivery, from centralized decision making to decentralized decision making at community level, from single solution to diversity of solutions. She spoke about 'eight point agenda'

to achieve resilience in context of India. The aim is to enable collaborative solutions to maximise energies through fast learning from peer to peer, engaging the communities, building the institutional capacities, joint decision making, combining traditional & the modern ways etc.

The session ended with concluding remarks of Professor Santosh taking a punch line as take away from all the panellists.

- **Session 03: Steered interactive discussion on the U.K.-India-Netherlands Joint Working Group:**

This interactive session invited views from the speakers and wider participants on how public and private stakeholders can help scale up proven water security work in coming years. It also discussed how relevant water experts can come together to form a U.K.-India-Netherlands working group on water security that can offer specific thought-leadership and action ahead of the Netherlands-hosted Global Adaptation Summit in Jan 2021 and the U.K.-hosted COP26 in Nov 2021. The session was moderated by Professor Santosh & apart from the speakers of the previous session, there were a few experts who joined for the discussion. **Mr V. S. Prakash**, Member, Karnataka Tanks Conservation & Development Authority and **Mr Luit-Jan Dijkhuis**, Delta Coordinator India at the Ministry of Infrastructure and Water Management, the Netherlands

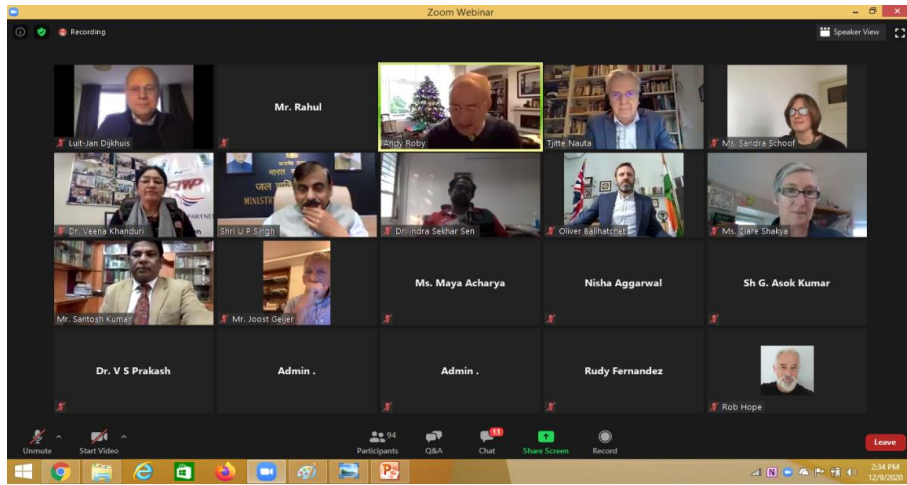
The final session and the webinar was closed by **Ms. Danielle Gaillard-Picher**, Global Coordinator - Water & Climate Processes at GWP-Sweden. Ms. Danielle suggested to take the agenda of this webinar forward to upscale it with strengthening the collaboration and flexibility. She highlighted the importance of integrated thinking, good practices in urban as well as rural areas to address the quality & quantity issues, to make water as everyone's business, the importance of science & knowledge sharing for effective decision making. She appreciated how joint collaborations have created greater leaderships in Water Security, Climate adaptation & resilience. She also spoke about the ambitious goal of Global Water Partnership to influence financing 1 billion euros by 2025 to increase water security, to improve integrated water resource management across many countries worldwide. The session ended with Danielle thanking all the panellists, speakers, organizers & the participants.

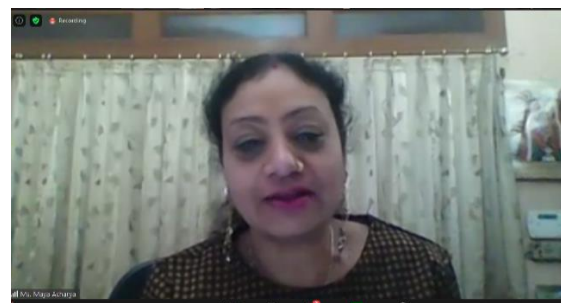
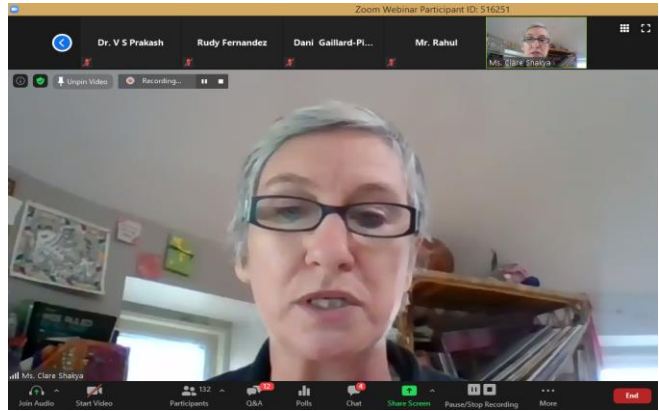
6. Finding of the Webinar:

The findings of the webinar can be summarised from the catchphrases given by the experts in the last session. These have been put as pointers below:

- When it comes to ensuring water security, currently there are a lot of questions around specific solutions. However, diverse solutions have to be developed depending on the challenge related to water security. Ms. Claire Shakya said at the event “Every locality, every village, every part of any state has a slightly different set of underlying drivers, so rather than saying that (a particular solution) is the solution, we need to work with local governments, village development authorities and local communities on beginning to understand what the preferred or viable solution might be”.
- Mr Nauta explained “While up-scaling the best practices, real differences can be made with good leadership and financing schemes”. He suggested that to deal with challenges related to water and climate, one has to understand the system through an integrated, multidisciplinary approach which involves - “Innovation. Co-creation. Cooperation”
- Focussing on the power of synergizing the efforts of the three countries – the U.K., India and the Netherlands, Prof Indra Sen was of the view that water and climate crisis are much more complicated problems because it involves multiple facets like - technology, implementation, finance and governance. He said “The end point is the same. What we want is the same. The problem is known. Hence, to achieve what we want all of us should work together in the future”.
- Talking about solutions, Mr Rob Hope said that one can only find better solutions by defining a problem. He added “Try to understand what you are trying to achieve, what’s the priority and then only you can understand what kind and scale of intervention would be more appropriate”
- Ms Sandra Schoof said “We should be looking at different ways of developing project proposals by using integrated and innovative approaches”.
- Mr G. Asok Kumar provided the last remarks by saying “It is important to make people understand the value of Water and getting people to respect it”.
- Having closely worked in a few large policy development projects, Mr Luit Jan Dijkhuis said that in all such projects it is very important to have good examples (success stories, best practices etc.) if one has to welcome new policies. He added “All three countries – the U.K., India and the Netherlands, have their own ways of working on problems but it might be very nice if the three countries work together to find ways of solving problems.”

7. Pictures (Snaps of the Webinar):





8. Social Media Coverage:



REACH liked your Tweet

 Countdown begins to the UK-India-Netherlands Webinar  

The webinar aims to encourage the #UK-#India-#Netherlands collaboration on water security to ensure transformative global success on #SDG6.

 Register @ form.jotform.me/203241254493450

 Attend @ zoom.us/j/94787071621?... pic.twitter.com/nscRQDrND0

Sandra Schoof liked 2 of your Tweets

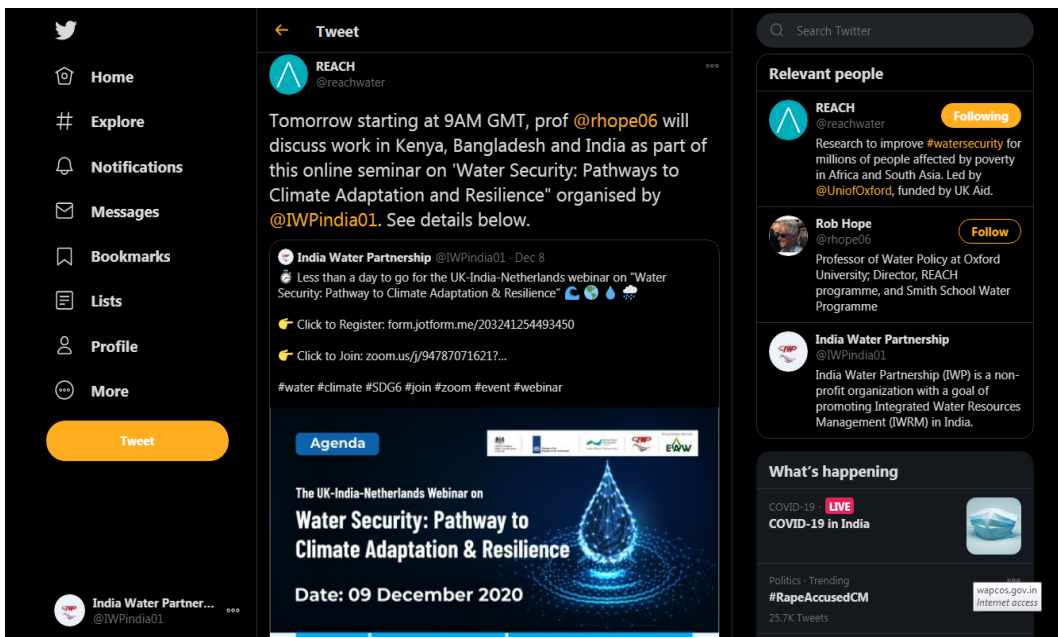
 Countdown begins to the UK-India-Netherlands Webinar  

The webinar aims to encourage the #UK-#India-#Netherlands collaboration on water security to ensure transformative global success on #SDG6.

 Register @ form.jotform.me/203241254493450





 Attend @ zoom.us/j/94787071621?... pic.twitter.com/nscRQDrND0

[Show all](#)



REACH @reachwater

Tomorrow starting at 9AM GMT, prof @rhope06 will discuss work in Kenya, Bangladesh and India as part of this online seminar on 'Water Security: Pathways to Climate Adaptation and Resilience' organised by @IWPindia01. See details below.

India Water Partnership @IWPindia01 · Dec 8
 Less than a day to go for the UK-India-Netherlands webinar on "Water Security: Pathway to Climate Adaptation & Resilience"    

Click to Register: form.jotform.me/203241254493450

Click to Join: zoom.us/j/94787071621?...

#water #climate #SDG6 #join #zoom #event #webinar

Agenda


The UK-India-Netherlands Webinar on
Water Security: Pathway to Climate Adaptation & Resilience


Date: 09 December 2020

Relevant people

- REACH** @reachwater **Following**
 Research to improve #watersecurity for millions of people affected by poverty in Africa and South Asia. Led by @UniofOxford, funded by UK Aid.
- Rob Hope** @rhope06 **Follow**
 Professor of Water Policy at Oxford University, Director, REACH programme, and Smith School Water Programme
- India Water Partnership** @IWPindia01
 India Water Partnership (IWP) is a non-profit organization with a goal of promoting Integrated Water Resources Management (IWRM) in India.

What's happening

COVID-19 **LIVE**
 COVID-19 in India 

Politics - Trending
 #RapeAccusedCM 
 25.7K Tweets

INDIA WATER PARTNERSHIP Login Search

 IWP Programs Publications Membership Events Training Activity Case Studies Media Gallery  India Water Partnership



The UK-India-Netherlands Webinar on
Water Security: Pathway to Climate Adaptation & Resilience

Date: 09 December 2020
 Time: 14:30-17:00 (IST), 9:00-11:30 (GMT), 10:00-12:30 (CET)

JOIN US ON ZOOM:
<https://zoom.us/j/94787071621?pwd=Mk5jWHpzdjBQSExiYU5ya2NnRW9HUT09>

The UK-India-Netherlands Webinar on Water Security: Pathway to Climate Adaptation & Resilience


Sudha | December 11, 2020

Date: 09th December, 2020 India Water Partnership, the British Deputy High Commission, Chennai and the Embassy of Kingdom of the Netherlands, India are pleased to invite you to a webinar on "Water Security: Pathway to Climate Adaptation & Resilience". This...

[Learn More](#)

EVENTS

There are no upcoming events at this time.



NEWSLETTER

Enter your e-mail address to have our posts sent directly to your inbox.

NEWS UPDATE
INDIA WATER PARTNERSHIP





Global Water Partnership South Asia

9 December at 14:51 · 🌐

Climate change directly influences the rainfall patterns and the intensity in #India " said Shri U. P. Singh, Ministry of Jal Shakti, Department of Water Resources, RD & GR India Water Partnership at the UK, india, Netherlands webinar on water security: pathway to climate adaptation and resilience.



👍 Veena Khanduri and Sudha Upadhyay

1 share



Global Water Partnership South Asia

9 December at 15:21 · 🌐

"All are looking forward to work together-that will be discussed extensively later at the discussion on UK-india-netherlands joint work on water security session" said Mr Joost Geijer from @embassy of kingdom of Netherlands, india@ the webinar



👍 Danielle Gaillard-Picher and 2 others

1 share



Global Water Partnership South Asia

9 December at 15:09 · 🌐

Introductory speech of Mr Oliver Bullhatchet, British Deputy High Commissioner, Chennai @ the joint webinar India Water Partnership



👍 Danielle Gaillard-Picher and Sudha Upadhyay



9. Collaterals designed for the Webinar:

**SAVE THE DATE FOR:
THE UK-INDIA-NETHERLANDS WEBINAR**

WATER SECURITY: PATHWAY TO CLIMATE ADAPTATION & RESILIENCE

Date: 09 December 2020

**Hosted by:
The British Deputy High Commission, Chennai &
The Embassy of Kingdom of the Netherlands, India**






**Organised by:
India Water Partnership (Global Water Partnership-India)**

**Time:
14:30 - 17:00 hrs (IST)
09:00 - 11:30 hrs (GMT)
10:00 - 12:30 hrs (CET)**

REGISTER NOW!

**To know more contact:
Reena Bahuguna
Tel: +91-85958 45490
E-mail: subscription@eawater.com**

**JOIN US ON ZOOM:
<https://zoom.us/j/94787071621?pwd=Mk5jWHpzdjBQSExiYU5ya2NnRW9HUT09>**

     Knowledge Partner

The UK-India-Netherlands Webinar on Water Security: Pathway to Climate Adaptation & Resilience

Date: 09 December 2020

Time: 14:30-17:00 (IST), 9:00-11:30 (GMT), 10:00-12:30 (CET)

JOIN US ON ZOOM:

<https://zoom.us/j/94787071621?pwd=Mk5jWHpzdjBQSExiYU5ya2NnRW9HUT09>

Introductory Session Moderator



Mr. Andy Roby
Senior Water Security Adviser,
Climate & Environment Division,
Foreign Commonwealth &
Development Office, London.



Knowledge-Sharing Session Moderator



Prof. Santosh Kumar
(Head, Governance, Policy Planning
& Inclusive DRR), National Institute of
Disaster Management,
Ministry of Home Affairs,
Government of India



Speakers



Shri. U.P. Singh
Secretary, Ministry of
Jal Shakti
Govt. of India



Mr. Oliver Ballhatchet
British Deputy
High Commissioner, Chennai



Mr. Joost Geijer
Head of Economic Dept.,
Embassy of the Kingdom of
the Netherlands



Mr. G. Ashok Kumar
Additional Secretary & Mission
Director, National Water Mission,
Govt. of India



Ms. Sandra Schoof
Program Manager,
Water as Leverage,
the Netherlands Enterprise
& Development Agency



Mr. Rob Hope
Professor of Water Policy at
the University of Oxford,



Prof. Indra S. Sen
Assistant Professor,
Dept. of Earth Sciences,
IIT-Kanpur



Mr. Tjitte Nauta
Regional Manager,
Asia - Deltares



Ms. Clare Shakya
Director of Climate Change,
International Institute for
Environment & Development
(IIED) U.K.

Hosted by:

The British Deputy High Commission, Chennai &
The Embassy of the Kingdom of the Netherlands, India

Organised by:

India Water Partnership (Global Water Partnership-India)

Agenda



The UK-India-Netherlands Webinar on Water Security: Pathway to Climate Adaptation & Resilience

Date: 09 December 2020



Time	Session/ Theme/ Sub-Theme	Speakers
14:30 – 14:35	Welcome Address	Dr. Veena Khundari Executive Secretary-cum-Country Co-ordinator India Water Partnership
14:35 – 15:10	Introductory Session: Moderated by Mr. Andy Roby Senior Water Security Adviser, Climate & Environment Division, Foreign Commonwealth & Development Office, London.	Shri. U.P.Singh Secretary, Ministry of Jal Shakti, Government of India Mr. Oliver Ballhatchet British Deputy High Commissioner, Chennai Mr. Joost Geijer Head of Economic Dept., Embassy of the Kingdom of the Netherlands
15:10 – 16:20	Knowledge-Sharing Session: Moderated by Prof. Santosh Kumar (Head, Governance, Policy Planning & Inclusive DRR), National Institute of Disaster Management, Ministry of Home Affairs, Government of India	Mr. G. Ashok Kumar Additional Secretary & Mission Director, National Water Mission, Government of India Ms. Sandra Schoof Program Manager, Water as Leverage, the Netherlands Enterprise & Development Agency Mr. Rob Hope Professor of Water Policy at the University of Oxford, UK [Director Water Security Initiative at the School of Geography & the Environment, Director of the Water Programme at the Smith School for Enterprise & the Environment, Member Oxford Water Network Prof Indra S. Sen Assistant Professor, Dept. of Earth Sciences, India Institute of Technology – Kanpur Mr. Tjitte Nauta Regional Manager, Asia - Deltares Ms. Clare Shakya Director of Climate Change, International Institute for Environment & Development (IIED) U.K.
16:20 – 16:55	Session on the UK-India-Netherlands joint work on water security: Moderated by: Mr. Andy Roby Prof. Santosh Kumar Mr. Tjitte Nauta	Interactive session on water security ahead of the Netherlands-hosted Global Adaptation Summit Jan 2021 & the UK-hosted COP26.
16:55 – 17:00	Closing remarks & vote of thanks	Ms. Danielle Gaillard-Picher Global Coordinator, Water & Climate Processes, GWP, Sweden

10. Annexures and Tables:

Table 1: Agenda/ Programme:

Time	Session/ Theme/ Sub-Theme	Speakers
14:30 – 14:35	Welcome Address	Dr. Veena Khundari Executive Secretary-cum-Country Co-ordinator India Water Partnership
14:35 – 15:10	Introductory Session: Moderated by Mr. Andy Roby Senior Water Security Adviser, Climate & Environment Division, Foreign Commonwealth & Development Office, London.	Shri. U.P.Singh Secretary, Ministry of Jal Shakti, Government of India Mr. Oliver Ballhatchet British Deputy High Commissioner, Chennai Mr. Joost Geijer Head of Economic Dept., Embassy of the Kingdom of the Netherlands
15:10 – 16:20	Knowledge-Sharing Session: Moderated by Prof. Santosh Kumar (Head, Governance, Policy Planning & Inclusive DRR), National Institute of Disaster Management, Ministry of Home Affairs, Government of India	Mr. G. Ashok Kumar Additional Secretary & Mission Director, National Water Mission, Government of India Ms. Sandra Schoof Program Manager, Water as Leverage, the Netherlands Enterprise & Development Agency Mr. Rob Hope Professor of Water Policy at the University of Oxford, UK [Director Water Security Initiative at the School of Geography & the Environment, Director of the Water Programme at the Smith School for Enterprise & the Environment, Member Oxford Water Network Prof Indra S. Sen Assistant Professor, Dept. of Earth Sciences, India Institute of Technology – Kanpur Mr. Tjitte Nauta Regional Manager, Asia - Deltares Ms. Clare Shakya Director of Climate Change, International Institute for Environment & Development (IIED) U.K.
16:20 – 16:55	Session on the UK-India-Netherlands joint work on water security: Moderated by: Mr. Andy Roby Prof. Santosh Kumar Mr. Tjitte Nauta	Interactive session on water security ahead of the Netherlands-hosted Global Adaptation Summit Jan 2021 & the UK-hosted COP26.
16:55 – 17:00	Closing remarks & vote of thanks	Ms. Danielle Gaillard-Picher Global Coordinator, Water & Climate Processes, GWP, Sweden

Table No. 2: Attendee Report and Panellists' Details:

Attendee Report					
Report Generated:	Dec 10, 2020 11:43 AM				
Topic	Webinar ID Actual Start Time	Actual Duration	# Registered	Unique Viewers	Total Users
The UK - India - Netherlands Webinar on Water Security	947 8707 1621 Dec 09, 2020 1:59 PM	233 minutes	253	218	439
Panellists' & Attendees' Details					
User Name	Country/Region	User Name	Country/Region		
Dani Gaillard-Picher	France	Prakash Das	India		
Oliver Ballhatchet	India	virupaksha	India		
Andy Roby	United Kingdom	Saurabh Gupta	India		
Mr. Rahul	India	Kalpesh Khothari	India		
Ms. Clare Shakya	United Kingdom	Kakoli Bhattacharyya	India		
Mr. Luit-Jan Dijkhuis	Netherlands	Anand Kumar	India		
Dr. Veena Khanduri	India	Dileep Kumar	India		
Mr. Joost Geijer	India	Dileep Singh	India		
Rob Hope	United Kingdom	Abishek S Narayan	Switzerland		
Sh G. Asok Kumar	India	Vena Jain	India		
P.Dorje Gyamba	India	Prof K K Sharma	India		
Ms. Maya Acharya	India	Soumen Maity	India		
Member R.M CWC	India	Preeti Madan	India		
Rudy Fernandez	India	Azhagesan R	India		
Dr. Indra Sekhar Sen	India	Gulabchand Gupta	India		
Tjitte Nauta	Netherlands	hcd	India		
Mr. Santosh Kumar	India	CWC	India		
Ms. Sandra Schoof	Netherlands	Prof SK MISHRA	India		
Nisha Aggarwal	India	Neetu	India		
Shri U P Singh	India	Sudhakar kulkarni	India		
Dr. V S Prakash	India	Executive Engineer Hydraulic	India		
Imran Khan	India	T M George	India		
Imran Khan	India	Juhi Sharma	United Kingdom		
Bereket Tesfaye	India	Member R.M CWC	India		
Peter Coombs	United Kingdom	GIRRAJ GOYAL	India		
Mohana Manna	India	Chirag Patel	India		
Vivaan garg4d	India	Harbir Singh Gill	India		
Amritpal Singh	India	Preksha Soni	India		
Yogendra	India	Rohit Lall	India		
Central Water Commission	India	VINOD	India		

CWC	India	Rudy Fernandez	India
Deb	India	Ankita Parab	India
DDASEEDS TELANGANA	India	sufhakqr	India
Mohd Zeeshan	India	Nitin Kumar	India
Dr Ravinder kaur	India	Sivakumar Subbian	India
Venu_2	India	parthajyotidas	India
CE PnD CWC	India	Harpreet Singh	India
MEENAKETAN SHEE	India	N. Venkatesan	India
Rajesh Bajaj	India	Dilip Yewalekar	India
Wamiq Ali	India	Akash Shrivastava	India
RP	India	Virendra Sharma	India
DR. P B Rastogi	India	Harikumar	India
Shweta Rathi	India	Diluka Piyasena	Sri Lanka
Richa Kapur	India	DrPankajkumarSampat	India
NILANJANA	India	Mahendra Vasant Patil	India
Subbu	India	Dr. Anuradha Maurya# NIDM	India
AJ	India	CESP AMRAVATI	India
Saseedharan	India	Dr. Nilufa Islam	Bangladesh
Addn. City Er., Surat	India	Sunil Kumar	India
Nileshkumar Patel	India	Barun Thakur	India
Sushma Sharma	India	Alka Tomar Centre for Youth	India
Ashok Natarajan	India	JP.Design11	India
EE# LGD# Hyderabad	India	Nupur Bahadur (TERI)	India
Pradeep Mahapatra	India	Dr. Man Singh	India
Andy Roby	United Kingdom	Prathana Paul Chowdhury	India
Nikhil Mishra	India	DELL	India
Dharam Gor	India	Om Prakash Sahu	India
Padmakar Kelkar	India	Armand Evers	Netherlands
anil	India	Nagendra Dugar	India
Antaryami Rath	India	Vijay Kumar	India
Undala Alam	United Kingdom	Prabha chauhan	India
Paramveer Singh	United Kingdom	Srikanth	India
PD, Boudh	United Kingdom	dUNW20	India
Chandrashekar Subramanian	India	Sudha Kumari	India
KR Reji Water purification	India	Soumyamoy Banerjee	India
manas	India	Dr. Raghunath Reddy # DST	India
G Md Waseeulla	India	Pradeep Kumar	India
Robinson John	India	Tyagi Sanjeev	India
kamal kumar jangid Dir. CWC	India	Welcome	India
director	India	Yves Abou Rjeily	United Kingdom

Dr.-Ing. C. Sandhu	Germany	Gopal krishan	India
Satish Panchal	India	Gopal krishan	India
Dilip kumar shaw	India	Gopal krishan	India
Miki Kedem	India	ADMIN	India
ISM-2# CWC	India	Virendra Ostwal	India
CWC	India	B Sengupta	India
Rajesh Kumar	India	PRAVEEN	India
Gaurishankar Dubey	India	Ritesh Patil	India
AFPRO	India	Pratim Chowdhury	India
Luit-Jan Dijkhuis	Netherlands	Ajay Dabhade	
Ashok Srivastava	India	Suresh Tripathi	India
Shiva Prakash	India	Paulina Lopez CSH	India
Nazli	United Kingdom	Preeti DD#ISM-1	India
VIPIN	India	Hirabhai Saripadiya	India
Ashutosh Kaushik	India	Prof. Sadashiva Murthy Bm	India
Raj	India	Varada Sawant	India
Bhawna	India	Varada Sawant	India
Ritu Bharadwaj	United Kingdom	Radhey Shyam Tyagi	India
P.Dorje Gyamba	India	Andrew Schofield	United Kingdom
KAMAL MANCHANDA	India	Nitish Rai	India
Anil Prasad	India	Raju	India
A.Gurunathan	India	Vijay Nadkar	India
Venu_2	India	HP	India
Ashwin sinha	India	P D Rao FIE	India
Manoj Thakur	India	Ambarish K	India
Susan Eapen	India	Reena	India
AMAI-ROHIT	India	K V Prasad	India
Rupam Sharma(34)	India	cwc	India
Ashok Parekh	India	Rinan Shah	India
Glenn	India	D K Manavalan	India
Mangla Rai	India	T K SIVARAJAN	India
Koneru Vijaya Lakshmi	India	Admin	India
Altaf Hussain Mir	India	Mr. Santosh Kumar	India
Dr. Sarika Kulkarni	India	Chandrasekhar	India
D M Raipure	India	Pankaj Sinha	India
Raja Mohanty	India	Armand Evers	Netherlands
Pooja	India	Gurpreet Singh	India
farhat Jahan	India	Yugandhar Mandavkar	India
Shri U P Singh	India	Sameer Dohare	India
Watsan Chandrasekaran	India	Vrushali Sawant	India
WRD&M	India	Susithra	India

Shantanu Mitra	India	Monitoring	India
Dr Hishmi Jamil Husain	India	S D Sharma	India
Manohar Singh Rthore	India	Adi water Pvt. Ltd	India
Anupam Prasad	India	Daljeet Kaur	India
A.Karthikeyan	India	Tushar Shah	India
Adritha Subbiah	India	Guy Howard	United Kingdom
Varun Mehta	India	Deep Shikha	India
Dheeraj Pandita	India	Ravindra Shukla	India
Deepak Rai	India	Vishal	India
manas	India	nakul jain	India
Ankit D	India	Lokesh Kumar	India
Ankit Dudeja	India	Ekansh Prasad	India
Paromita Das	India	Arun Kumar Agrawal	India
Shiva Rao	India	Dr. Kantha D. Arunac	India
Aashish Deogade	India	Manju Gupta	India
DnM Cleantech	India	Mangesh.Basamatkar	United Kingdom
Pradeep Kumar Oraon	India	Anshu Misra Ghosh	India
Maya Thakur	United States of America	Madhavi# DDA# Telangana	India
Pritha Bhattacharya	India	S.G.SALUNKE	India
Daljeet Kaur	India	Jatan	India
Ashish Dutta	India	malika	India
debnathshaw	India	Dr. Ravi P Mishra	India
Shiv Kumar Sharma	India	Lal Induruwage	Sri Lanka
Aditya Sharma	India	hp	India