

# SPECIAL SESSION

## UNDERGROUND TAMING OF FLOODS FOR IRRIGATION

19 April 2017 at 13:45- 17:30 PM  
Magnolia Room, India Habitat  
Centre, New Delhi, India  
**Worlds Large Rivers Conference**

A pilot in the state of Uttar Pradesh in India demonstrates an innovative approach to tackle the dual challenge of floods and groundwater depletion. Join us to learn more.

**\*\* Come Join Us for the Open Session**



Turn over for more details

## Session Schedule @ World's Large Rivers Conference

**Date:** April 19, 2017 (Wednesday) | **Venue:** Magnolia Room, IHC Conferencing Facility, Delhi

Time	Activity	Authors/Speakers
13.45	<b>Introductions</b>	
13:50-14:15	Underground Taming of Floods for Irrigation' (UTFI): An Innovative Approach to Tackling the Dual Challenge of Floods and Droughts at the River Basin Scale	<b>Paul Pavelic*</b> , Bharat R. Sharma, Alok K. Sikka and Vladimir Smakhtin
14.15-14.40	Underground Taming of Floods for Irrigation (UTFI): Global assessment of suitability and economic feasibility	<b>Mohammad Faiz Alam*</b> , Paul Pavelic
14.40-15.05	Regional suitability assessment for Underground Taming of Floods for Irrigation (UTFI)	<b>Lal Muthuwatta*</b> , Pennan Chinnasamy, Nishadi Eriyagama, Karthikeyan, Brindha, Paul Pavelic
15.05-15.30	Technological Assessment of Underground Taming of Floods for Irrigation - An Innovative Groundwater Recharge Technology	V. K. Mishra, <b>C. L. Verma*</b> , S. K. Jha, Navneet Sharma, Prasun K Gangopadhyay, Paul Pavelic and Laxmi Kant
15.30-16.00	<b>Coffee and Networking – Foyer of Silver Oak Room</b> <b>Video on UTFI concept and experiences</b>	
16.00-16.25	Stakeholders' Involvement for Mainstreaming UTFI in Programs and Policies of the Government of India	<b>Alok K Sikka*</b> , Prasun K Gangopadhyay and Bharat R Sharma
16.25-16.45	Institutionalizing Underground Taming of Floods for Irrigation (UTFI) in the Ramganga Sub-basin: Status and Approaches for Sustainable Water Management and Livelihood Enhancement	<b>V. Ratna Reddy*</b> , Paul Pavelic, Sanjit Kumar Rout, Prasun K Gangopadhyay, Navneet Sharma
16.45-17.05	Underground Taming of Floods for Irrigation: Gendered impacts of intervention	<b>Mini Govindan*</b>
17.05-17.30	<b>Open Discussion and Session Takeaways</b>	

\*Speaker(s) in the Session

### About UTFI

Underground Taming of Floods for Irrigation (UTFI) involves diverting high water flows from rivers or canals at times when these flows pose flood risk and recharging the groundwater via village ponds or small dams that are modified for this purpose. Through this method, we are aiming to reduce the flood risks locally and in the downstream areas, as well as improve the groundwater conditions.

The pilot trial in Uttar Pradesh is helping the research team in studying technical aspects such as recharge rates and changes in water quality; Socio-economic impacts in a gender inclusive manner. Through this pilot, the team will look at scaling up opportunities and viable models to tackle the dual challenges of flooding and groundwater depletion.