

Sensing Rivers 2020

Three-Day Virtual Workshop on Satellite Remote Sensing Applications in Water Resources Management

When: September 21st – 23rd 2020

Session Time: 08:00 AM – 11:30 AM US Pacific Standard Time (05:00 PM – 08:30 PM Local Time in Egypt)

Where: Virtual via Zoom

Organizer:

Hisham Eldardiry, University of Washington

Hisham is a graduate research assistant (PhD Candidate) in the Department of Civil and Environmental Engineering at the University of Washington, Seattle. The primary focus of Hisham's research is geared towards the sustainability of the interconnected Food-Energy-Water (FEW) system. Hisham is currently working on his PhD topic, which aims to explore the impacts of transboundary dams on Food Energy Water security of the Nile River Basin.

Phone: +1 (206)-218-9892

Email: dardiry@uw.edu

Website: <http://staff.washington.edu/dardiry/>

Speakers:

Faisal Hossain

Professor, Department of Civil and Environmental Engineering, University of Washington, Seattle, USA (fhossain@uw.edu)

Nishan Biswas

Research Assistant, Department of Civil and Environmental Engineering, University of Washington, Seattle, USA (nbiswas@uw.edu)

Shahryar Ahmad

Research Assistant, Department of Civil and Environmental Engineering, University of Washington, Seattle, USA (skahmad@uw.edu)

Hisham Eldardiry

Research Assistant, Department of Civil and Environmental Engineering, University of Washington, Seattle, USA (dardiry@uw.edu)

Indira Bose

Research Assistant, Department of Civil and Environmental Engineering, University of Washington, Seattle, USA (ibose2@uw.edu)

SR 2020 Agenda

Day 1: Monday September 21st, 2020

Time (US Pacific Standard Time)		Time (Egypt Local Time GMT+2)		Topic	Speaker
From	To	From	To		
08:00 AM	08:15 AM	05:00 PM	05:15 PM	Welcome and Logistics	
08:15 AM	09:15 AM	05:15 PM	06:15 PM	Session 1: Satellite Remote Sensing in Water Resources: Past, Present and Future	Faisal Hossain
09:15 AM	09:30 AM	06:15 PM	06:30 PM	Break	
09:30 AM	10:30 AM	06:30 PM	07:30 PM	Session 2: Big Data and Cloud Computing	Nishan Biswas
10:30 AM	10:45 AM	07:30 PM	07:45 PM	Break	
10:45 AM	11:30 AM	07:45 PM	08:30 PM	Practical Session	

Day 2: Tuesday September 22nd, 2020

Time (US Pacific Standard Time)		Time (Egypt Local Time GMT+2)		Topic	Speaker
From	To	From	To		
08:00 AM	09:00 AM	05:00 PM	06:00 PM	Session 3: Monitoring Reservoir Operation using Satellite Remote Sensing	Hisham Eldardiry
09:00 AM	09:15 AM	06:00 PM	06:15 PM	Break	
09:15 AM	10:15 AM	06:15 PM	07:15 PM	Session 4: Satellite-Based Evapotranspiration using SEBAL	Indira Bose
10:15 AM	10:30 AM	07:15 PM	07:30 PM	Break	
10:30 AM	11:30 AM	07:30 PM	08:30 PM	Practical Session	

Day 3: Wednesday September 23rd, 2020

Time (US Pacific Standard Time)		Time (Egypt Local Time GMT+2)		Topic	Speaker
From	To	From	To		
08:00 AM	09:00 AM	05:00 PM	06:00 PM	Session 5: Remote Sensing of River Temperature	Shahryar Ahmad
09:00 AM	09:15 AM	06:00 PM	06:15 PM	Break	
09:15 AM	10:15 AM	06:15 PM	07:15 PM	Session 6: Nile Basin Reservoir Advisory System (NiBRAS)	Hisham Eldardiry
10:15 AM	10:30 AM	07:15 PM	07:30 PM	Break	
10:30 AM	11:30 AM	07:30 PM	08:30 PM	Workshop Conclusions and Adjourn (SR 2020 Survey)	