

**Rules of Conduct for Students**  
**“Fall School on Water Science, Policy and Governance”**

November 7-9<sup>th</sup>, 2016

This is a serious, conceptually dense workshop, which will cover the application of key concepts to water science, policy and governance. We expect a diverse audience, and at the instructors behest we ask you to read, and follow these instructions.

1. The course is divided into three modules, with each full day’s lectures being held in a different auditorium. Please ensure you remember the designated auditorium for each day. There is a map in your welcome folder that clearly labels the location of each auditorium. For your ease, these have been listed below:

DATE	TIME	AUDITORIUM
MONDAY, NOV 7 <sup>TH</sup>	9 AM TO 5 PM	9 - B2 SSE (BASEMENT)
TUESDAY, NOV 8 <sup>TH</sup>	9 AM TO 1:30 PM	B3 SDSB (BASEMENT)
	2:30 PM TO 4 PM	EXAM HALL SSE (BASEMENT)
	4:PM TO 5PM	9-B2 SSE (BASEMENT)
WEDNESDAY, NOV 9 <sup>TH</sup>	9 AM TO 5 PM	10 - 201 SSE (2 <sup>nd</sup> FLOOR)

2. It is mandatory for the participants to have reviewed the module descriptions and the required readings uploaded on the wiki link for the Fall School available at the following link: [cyphynets.lums.edu.pk/index.php/WSPG2016](http://cyphynets.lums.edu.pk/index.php/WSPG2016)

Please make sure you have read the readings **BEFORE** each module commences in order to develop a good understanding of the issue being discussed in the lectures.

3. There will be two rounds of attendance and all students will have to sign in at the registration desk SEPERATELY for morning and afternoon sessions. Attendance will not be marked for students who fail to sign in. Full attendance (all three days) is needed to attain the certificate of attendance for this course.

4. Missing even a portion of a lecture will put you at a serious disadvantage in comprehending the material that follows. Please make all possible effort to arrive at the lecture hall on time, and remain there until the next break.

5. The organisation team for the Fall School strongly disapproves of talking, or the use of any electronic device, during the lectures. **All mobile devices must be OFF** and classroom discipline must be maintained in order to facilitate the smooth delivery of the scheduled lectures.

# Fall School on Water Science, Policy and Governance

Centre for Water Informatics and Technology, Lahore University of Management Sciences (WIT-LUMS)

Dates: 7th -9th November

## Monday, 7th November, 2016

<b>Monday, 7th November, 2016</b>		
9:00 to 9:30	Welcome Remark	<b>Syed Babar Ali</b> (Pro-Chancellor, LUMS) <b>Dr. Sohail Naqvi</b> (Vice Chancellor, LUMS) <b>Dr. Abubakr Muhammad</b> (Director, WIT - LUMS)
<b>Module 1: Transboundary Water Governance</b>		
9:30 to 10:30	Lecture Legal Instruments in International Waters	<b>Rafay Alam</b> (Environmental Lawyer, Saleem Alam and Co.)
10:30 to 11:30	Lecture Historical Perspectives on Indus Water Treaty	<b>Rao Irshad Ali Khan</b> (Chairman IRSA)
11:30 to 12:00	<i>Tea and Networking</i>	
12:00 to 13:00	Lecture Hydrodiplomacy for Transboundary Water Management	<b>Feisal Naqvi</b> (Lawyer, Representative for the Government of Pakistan in the Baglihar Dispute)
13:00 to 14:00	<i>Lunch Break</i>	
14:00 to 15:00	Lecture International Transboundary River Basins	<b>Dr. Hassan Abbas</b> (Group Leader, Water Program, Lead Pakistan)
15:00 to 15:15	<i>Tea and Networking</i>	
15:15 to 17:00	Panel Discussion International Water Law in the Context of Climate Change commitments	<b>Moderator:</b> Rafay Alam <b>Discussants:</b> Rao Irshad Ali Khan Dr. Hassan Abbas Feisal Naqvi

**Tuesday, 8th November, 2016**  
**Module 2: Federalism and Intra State Water Management**

9:00 to 10:00	Lecture 18th Amendment and its Impact on Water Governance at Provincial and Local Level	<b>Rafay Alam</b> (Environmental Lawyer, Saleem Alam and Co.)
10:00 to 11:15	Lecture Pakistan's Interprovincial Water Accord – 25 years on	<b>Dr. Arif Anwar</b> (IWMI)
11:15 to 11:45	<i>Tea and Networking</i>	
11:45 to 13:30	Panel Discussion Federalism and its Implications for Water Governance in Pakistan	<b>Moderator:</b> Rafay Alam  <b>Discussants:</b> Dr. Arif Anwar (IWMI)  Rao Irshad Ali Khan (IRSA)  Dr. Muhammad Javed (Punjab Irrigation department)  Asgher Leghari (Lawyer and Petitioner, Climate Change Commission)  Laila Kasuri (WIT, LUMS)
13:30 to 14:30	<i>Lunch Break</i>	
14:30 to 15:45	Role Play/Case Study Simulation Interprovincial Water Sharing: The Finn River Basin	<b>Fazilda Nabeel</b> (University of Sussex, WIT)
15:45 to 16:00	<i>Tea and Networking</i>	
16:00 to 17:00	Lecture Introduction to the Water Diplomacy Framework	<b>Fazilda Nabeel</b> (University of Sussex, WIT)

**Wednesday, November 9, 2016**

**Module 3: Groundwater Science, Hydrology, and Economics in Pakistan**

9:00am to 10:00	Lecture Groundwater Science and Hydrology	<b>Laila Kasuri</b> (WIT, LUMS)
10:00 to 11:15	Lecture Introduction to Geohydrological Modelling	<b>Adil Javaid</b> (Punjab Irrigation Department)
11:15 to 11:45	<i>Tea and Networking</i>	
11:45 to 13:00	Lecture Institutional Architecture for Groundwater Management in Punjab	<b>Dr. Muhammad Javed</b> (Punjab Irrigation department)
13:00 to 14:00	<i>Lunch Break</i>	
14:00 to 15:00	Lecture The Economics of Groundwater Management: Optimization Models and Policy Instruments	<b>Dr. Sanval Nasim</b> (Economics Department, LUMS)
15:00 to 15:15	<i>Tea and Networking</i>	
15:15 to 16:00	Lecture and Discussion with all participants The sustainable development agenda and the water goal for 2030	<b>Dr.Pervaiz Amir</b> (Global Water Partnership)
16:00 to 16:45	Key Note Address Implications for Pakistan of India's Present Attitude towards Implementation of Indus Waters Treaty 1960	<b>Mirza Asif Baig</b> (Pakistan Comissionner for Indus Waters)