

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

| Time | Session | Speaker/Convener |
|---|--|--|
| 9:00 to 9:30 | Welcome Remark | Dr. Sohail Naqvi (Vice Chancellor, LUMS) Dr. Abu Bakr Muhammad (Director, WIT - LUMS) |
| Module 1: Transboundary Water Governance | | |
| 9:30 to 10:30 | Lecture Legal Instruments in International Waters | Rafay Alam (Environmental Lawyer, Saleem Alam and Co.) |
| 10:30 to 11:15 | Lecture Arbitration on the Indus Water Treaty of 1960 | Dr. Undala Alam (South Asia Water Governance, DFID) |
| 11:15 to 11:45 | <i>Tea and Networking</i> | |
| 11:45 to 13:00 | Lecture Hydrodiplomacy for Transboundary Water Management | Feisal Naqvi (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 | Dr. Hassan Abbas (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 | Moderator: Rafay Alam Discussants: Dr. Undala Alam Dr. Hassan Abbas Feisal Naqvi |

Tuesday, 8th November, 2016

Module 2: Federalism and Intra State Water Management

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

Wednesday, November 9, 2016

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

| Time | Session | Speaker/Convener |
|-----------------|---|---|
| 9:00am to 10:00 | Lecture Groundwater Science and Hydrology | Laila Kasuri (LUMS-WIT) |
| 10:00 to 11:15 | Lecture Geohydrological Modelling | Adil Javaid (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 | Dr. Muhammad Javed (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 | Dr. Sanval Nasim (Economics Department, LUMS) |
| 15:00 to 15:15 | <i>Tea and Networking</i> | |
| 15:15 to 16:45 | Concluding Lecture and Discussion with all participants The sustainable development agenda and the water goal in the 2030 sustainable development. | Dr.Pervaiz Amir (Global Water Partnership) |
| 16:45 to 17:15 | <i>Group Photo and Certificate Ceremony for Participants</i> | |