IUPWARE Alumni Event 2018 – Cuenca, Ecuador

Programme

Monday, 26 February		
2:30 pm	Hotel Inca Real - Lobby	Walk together to University
3 – 4 pm	Engineering Faculty - Auditorium	Welcome address, introduction to the university and city of Cuenca (Rector U Cuenca)
4 - 4:30 pm		Registration Coffee break
4:30 – 6 pm		Discussion on IUPWARE programme
6 pm		Reception

Tuesday, 27 February (Engineering Faculty of U Cuenca)	
8:45 – 9 am	Registration
9– 9:15 am	Welcome of alumni
9:15 – 10 am	Key note by Pablo Guzman (CELEC Ecuador): *Environmental and water resources challenges for the hydro-electricity in Ecuador*
10-11 am	Parallel sessions I
11 -11:30 am	Break
11:30 - 12:30 pm	Parallel sessions II
12:30 – 2 pm	Lunch break
2 – 2:45 pm	Key note by Arnoud Cuppens (Universidad Paraguayo Alemana, Paraguay): *Autonomous surface vehicles for waste stabilization pond monitoring*
3 – 5 pm	Workshop: *Open source resources for hydrology* (Ann van Griensven and Cas Neyens, VUB)
5 pm	City walk
7:45 pm	Dinner with alumni and students (meeting point: lobby Hotel Inca Real)
Wednesday, 28 February	
8 am – 7 pm	Excursion to Hydroelectricity Plant Minas San-Francisco • 7:45 am: Meet at Lobby Hotel Inca Real • 8 am: Meet at main entrance of U Cuenca • 10 am: Visit to the hydraulic construction guided by Enerjubones (CELEC hydro-electricity) • 1 pm: Lunch • 2 pm: Visit of the offtake for the large irrigation canal to the coastal area • 6 pm: Arrival in Cuenca

Thursday, 1 March		
9 -11 am	Meeting point: Lobby Hotel Inca Real	Visit a local handcraft market
		Visit Banco Central Museum

Parallel sessions I (10-11 am)

Open source software, cloud computing and big data	**Water Management**
Chair: Halidi Ally	Chair: Maria Elena Adauto Aguirre
Quoc Quan Tran (KU Leuven) – *Flexible open source modelling tool for integrating management of surface-groundwater systems*	Juan Pablo De la Fuente Cusicanqui (Escuela Militar de Ingeniería University) - *Water scarcity problems related to water management in La Paz and El Alto, Bolivia*
Phillip Mutulu (AquaClim Enviro Solutions Ltd.) – *Modelling flood sensitivity to climate change in a medium sized watershed*	Philip Nyenje (Makerere University) – *Groundwater supply for the urban poor in peri urban areas*
Jan Diels (KU Leuven) – *Hydrological measurements and the Internet of Things*	Tirusew Asefa (University of South Florida Tampa Bay Water) – *State of the practice decision support tools: A tale for the real world.*

Parallel sessions II (11:30-12:30)

Water resources projects and climate change	**Irrigation & Ecohydrology**
Chair: Ambrose Mubialiwo	Chair: Martin Bahamonde
Lina Gabriela Terrazas Villarroel (Stockholm Envionment Institute) – *Environmental impact of hydropower projects in the Amazon basin*	Biniyam Sishah (Addis Ababa Science and Technology University) – *Assessing irrigation potential of Oromia region in Ethiopia*
Bosman Batubara (UNESCO-IHE) – *The sinking Jakarta: The socioecological crisis of land subsidence and the flood infrastructure fix.*	Mesías Burga Tarrillo – *Irrigation in the Peruvian Andes*
Gavi Alavi (UMSA)- *Timely and accurate climatic services for small farms in the Bolivian Highlands in view of climate change impacts"*	Ana Ochoa (University of Cuenca) – *Quantifying rainfall interception and evapotranspiration at the high Andean grasslands*
Mauricio Villazon (Universidad Mayor de San Simon) - *Hydrological System Conceptualization to evaluate the discharge in a hydropower reservoir in Cochabamba-Bolivia*	