



Webinar on

Feasibility Study of Provision of Safe Drinking Water through Water Conservation (SDWC)

Wednesday, 30th March 2022

@ 2:00 p.m. (GMT+5) / 12:00 p.m. (GMT+3)

Availability of safe drinking water is one of the serious matters becoming an imperative issue of Pakistan day by day; particularly in densely populated areas, where they are facing this issue more dominantly. Islamabad is the capital of Pakistan yet facing the issue of water quantity and quality. Most of the sectors of Islamabad are not having enough water for all the dwellers. It is important to mention that some sectors of Islamabad like I-8, are adjacent to Rawalpindi which are densely populated facing these issues.

The proposed study aims to carry out feasibility study for provision of 24/7 municipal drinking water supply to the inhabitants of one of the Sectors (I-8) Islamabad, Pakistan as a model. Another similar (completed) project "Smart Water Metering and Pricing Project (SWMP)" revealed that due to lack of capacity of municipal water supplier, private tanker mafia has taken over causing high-cost burden on residents.

The subject feasibility study financially supported by D-8 Secretariat, digitized the existing water supply distribution network of the I-8 sector using GIS technology, cost-benefit analysis for implementation of water metering and pricing for the provision of safe drinking water as a model in the study area. In addition to this, awareness sessions on water conservation for local community has been arranged in schools, and community. The partner countries Egypt and Nigeria organized the same and benefitted equally of the same project/ study in their countries to conserve water by using available resources.

The purpose of organizing this webinar is to share the outcomes of the ongoing feasibility study for Provision of Safe Drinking Water through Water Conservation (SDWC) with the D-8 member countries. To gather scientists, water experts and academicians around the globe to exchange their views and experiences to address the key challenges / research gaps related to water.

SPEAKERS

Ambassador Shahid Kamal is the founder of COMSATS Centre for Climate and Sustainability, a network of the Global South, which he set up in 2019 to focus on inter-connections of climate change and sustainable development. Ambassador Kamal has been a career diplomat of Pakistan, served as Ambassador to Germany, Sweden & Finland. He held senior positions at the Ministry of Foreign Affairs, Prime Minister's Office, Organization of Islamic Cooperation (OIC) in Jeddah, and diplomatic missions in Paris, New York and Washington.



Ambassador Kamal established the Centre for Climate Research & Development at COMSATS University in Islamabad. He participated in the UNFCCC led negotiations on climate change from 2007 to 2012 and was member of Pakistan delegation at UN Climate Summit Conferences in Copenhagen (2009) and Paris (2015).

Dr. Toqeer Ahmed is an Environmentalist and water management expert, currently working as Assistant Professor at Centre for Climate Research and Development (CCRD), COMSATS University Islamabad, Pakistan. Since his education, he has worked at responsible positions in different Government Departments and R & D Organizations and has more than 10 years Post Ph.D. experience. He has completed several national as well as international projects in collaboration with the University of Edinburgh, UK and International NGOs including UNDP, IISD, and SDC. He has more than 45 research publications in peer reviewed research journals,



Meeting Link:

<https://us06web.zoom.us/j/82051529620>

Meeting ID: 820 5152 9620

Passcode: 177219

for information please contact

Mr. Saifullah Dilazak

Program Officer

Email: saif.cccs@comsats.org

newspaper articles for raising awareness among the general public and 6 book chapters in the field of food and water quality assessment and water management, climate impacts on health and Nano-biotechnology.

Prof. Fagr Abdel-Gawad is the Deputy Director of the Centre of Excellence for Research and Applied Studies on Climate Change and Sustainable Development at the National Research Centre, Egypt. She is primarily focusing on water pollution and its effect on marine biodiversity.



Dr. Naveed Iqbal is working as Director (Hydrology) at Pakistan Council of Research in Water Resources (PCRWR). He graduated from University of Lahore and earned his PhD from Quaid-i-Azam University, Islamabad in 2019. During his PhD, he completed his course work at University of Washington, USA under a NASA funded project. He is a professional hydrologist having diversified experience of more than 15 years covering wide spectrum of water sector issues including; groundwater management, managed aquifer recharge, water conservation, development of groundwater regulatory and policy framework, etc.



Professor Kenneth Yongabi Anchang, titular Professor, and is a distinguished specialist in Public Health, Infectious diseases and Phyto-biotechnology with over 150 scientific publications, more than 120 conference papers and proceedings, 3 books, more than 8 scholarly book chapters, several technical papers, workshops,

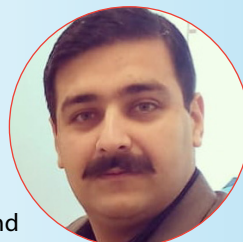


consultancies, many invited keynote lectures. Prof Yongabi's research covers the African public health systems, health literacy, and the African traditional medical systems, phytomedicine, water and sanitation and bioengineering. Professor Yongabi, holds two PhDs in Public Health and in Bioengineering and is a lecturer of Public Health and Infectiology at Imo state University and an adjunct professor of biotechnology at Ebonyi State University, Nigeria.

Ms. Saima Naz is working as a GIS Expert at the Centre for Climate Research and Development (CCRD), COMSATS University Islamabad (CUI), Pakistan. She did MS from Department of Meteorology, CUI, Islamabad and is involved in several research projects.



Mr. Saifullah Khan Dilazak is working as Program Officer at COMSATS Headquarters. He is also serving as Coordinator of COMSATS Center for Climate and Sustainability (CCCS). His focused areas are Climate Change, Water, Energy, Aquatic Ecosystem and Sustainability. Mr. Dilazak earned M.Phil. degree in Environmental Sciences from Quaid-I-Azam University, Islamabad.



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| 2:00 -2:05 | Welcome Remarks by
Amb. Shahid Kamal |
| 2:05-2:10 | Opening Remarks by
Dr. Ata ur Rehman
Additional Secretary, Ministry of Science and Technology, Government of Pakistan |
| 2:10 -2:20 | Outcomes of the Project by
Dr. Toqeer Ahmed
Centre for Climate Research and Development (CCRD), COMSATS University Islamabad |
| 2:20 -2:25 | Outcomes of the project by
Ms. Saima Naz
GIS Expert, Centre for Climate Research and Development (CCRD), COMSATS University Islamabad |
| 2:25-2:35 | Activities and lesson learnt by Egyptian Partner
Professor Dr. Fagr Abdel Gawad
National Research Centre (NRC), Egypt |
| 2:35-2:45 | Activities and lesson learnt by Nigerian Partner
Professor Kenneth Yongabi, Imo State University, Nigeria |
| 2:45-2:55 | Water Management Practices in Islamabad, Pakistan by
Dr. Naveed Iqbal, Director, Water Management, Pakistan Council of Research in Water Resources (PCRWR), Govt. of Pakistan |
| 2:55-03:05 | Discussion and Question /Answers (Moderated by Dr. Toqeer Ahmed) |
| 03:05-03:15 | Closing Remarks by
Mr. Ahmad Kamal
Chairman, Federal Flood Commission, Ministry of Water Resources, Government of Pakistan |