



Tentative Agenda of the International Virtual Workshop on Water, Energy, Food Nexus

Riyadh, Kingdom of Saudi Arabia

31st August 2020



Monday, 31 August 2020

TIME	SESSION	PRESENTER	DURATION
14:00 – 14:05	OPENING SESSION (5 MIN)		
	1. Welcoming Address (Kingdom of Saudi Arabia)	Prof. Suliman Ali Al-Khateeb	5 min
14:05 – 15:30	SESSION 1. NATURE-BASED AND SCIENCE-BASED SOLUTIONS TO PROTECT ECOSYSTEMS AND ENHANCE RESOURCE USE EFFICIENCY FOR SUSTAINABLE FOOD SYSTEM AT A GLOBAL SCALE (85 MIN)		
	1. Climate smart practices for crop production to save water and energy in drylands of China	Prof. Gong Daozhi, (China)	10 min
	2. Brazilian experience in connecting agriculture with ecosystem services and Nexus food-water-energy	Dr. Ana Paula Dias Turetta (Brazil)	10 min
	3. Irrigated agro-ecosystem and ecosystem services: the Italian application of nature based solutions	Ms. Raffaella Zucaro (Italy)	10 min
	4. Development of Aquaponics Combined with Open Culture Adapting to Arid Regions for Sustainable Food Production	Dr. Ilie Sava Racotta Dimitrov (Mexico)	10 min
	5. Utilizing Solar Energy Desalination to meet Local Growth on Agriculture Demand without Affecting the Environment	Prof. Hussam Khonkar (Kingdom of Saudi Arabia)	10 min
	6. Harnessing Agricultural Ecosystem Services, Reducing Environmental Impacts, and Increasing the Resilience in Swiss Agriculture using Agroforestry Systems	Dr. Sonja Kay (Switzerland)	10 min
	7. The Water-Energy-Food Nexus: From Science to Implementation	Claudia Ringler (IFPRI)	10 min
	Discussion		15 min
15:30 – 17:25	SESSION 2. INNOVATIVE TOOLS AND SYSTEM APPROACHES TO OPTIMISE AGRICULTURAL FOOD PRODUCTION AND REDUCE LOSSES (115 MIN)		
	1. Analysis of Nexus Water Energy Food in an electro-depended groundwater basin: The case of Antinaco-Los Colorados Valley (La Rioja, Argentina)	Dr. Esteban Miguel (Argentina)	10 min
	2. Energy efficient lighting for year-round production	Dr. Hao Xiuming (Canada)	10 min
	3. SNAK (Smart Nexus for Agriculture in Korea), Experience of Korea on WEF Nexus	Dr. Hur Seung-oh (Korea)	10 min
	4. Soil-based solutions for combined support of food security, energy efficiency and environmental safety in the Russian Federation	Dr. Olga Andreeva (Russia)	10 min
	5. Grasslands and climate change mitigation	Prof. Nina Buchmann (Switzerland)	10 min
	6. Dietary change and nutrition improvement of vulnerable people in rural China	Prof. Nie Fengying (China)	10 min

TIME	SESSION	PRESENTER	DURATION
	7. Sustainability assessment of food waste prevention measures	Dr. Thomas Schmidt (Germany)	10 min
	8. Value from food chains and waste reduction: complementary approaches for global sustainable food systems and bio-based economy	Dr. Elisabetta Lupotto (Italy)	10 min
	9. How the UK has achieved a 27% reduction in food waste using innovative public:private partnerships	Mr. Andrew Parry (UK)	10 min
	10. Food waste and the food-energy-water nexus	Dr. Kelly Kibler (USA)	10 min
	Discussion		15 min
17:25 – 18:55	SESSION 3. BRIDGING THE GAP OF PUBLIC POLICY DEVELOPMENT THROUGH PRIVATE SECTOR WEF NEXUS INNOVATIONS (90 MIN)		
	1. Brazilian efforts to provide quality and sustainable food	Dr. Virgínia Martins da Matta (Brazil)	10 min
	3. Nurturing Adaptive Nexus Compliant Water Policies	Dr. Caroline Lejars (France)	10 min
	2. Integrated assessment of WEF nexus solutions	Prof. Frank Ewert (Germany)	10 min
	4. Indian Perspective on W-E-F Nexus for Sustainability	Dr. S.K. Ambast (India)	10 min
	5. Smart Farming On Dryland Management To Support Food Security	Dr. Ladiyani Retno Widowati (Indonesia)	10 min
	6. Geo-spatial technologies for land productivity assessment - from plant to the globe	Dr. Mohammed Ahmed (South Africa)	10 min
	7. UAE Water, Food Energy Nexus: Bridging the gap of Public Policy Development through private sector WEF Nexus innovations Water Food Energy nexus	Somayyah AlYammahi (UAE)	10 min
	8. Understanding the Nexus with a complexity lens	Dr. Pete Barbrook-Johnson (UK)	10 min
	Discussion		10 min
18:55 – 19:00	CLOSING SESSION (5 MIN)		
	Closing Remarks	Prof. Suliman Ali Al-Khateeb	5 min

