

KIWW World Water Challenge 2019

Top Nine Solutions

CHALLENGE	SOLUTION	FINALISTS
Innovating financing for local water solutions	A water kiosk at school	Venuste Kubwimana (Republic of Kenya) [International Transformation Foundation]
Integrated management of diversified water resources	Sponge- An innovation in irrigation for sustainable farming	Sanjay Prasad (Republic of India) [IVL The Swedish Environmental Research Institute]
Urban flood prevention and management for sustainable water cycle and urban regeneration	Exploiting the synergies between sustainable urban drainage systems (SUDS) and urban farming	HIEU BUI THI HONG (Socialist Republic of Vietnam) [Vietnam Ministry of Construction - Vietnam Institute for Urban and Rural Planning - Institute for Environmental Planning, Urban Planning and Rural Infrastructure]
NEXUS for efficient utilization of limited water resources and energy recovery	SolarDew - Solar water purification and desalination for households and communities	Alexander Van der Kleij (The Netherlands) [SolarDew]
'Smart' solutions for water management: definition and case of 'smart solutions' by region, sector, and target	AgriHydro a Smart Technology to Better Irrigation Management in IWRM platform	Hossein Dehghanisanij (Islamic Republic of Iran) [Agricultural Research Education and Extension Organization]
NEXUS for efficient utilization of limited water resources and energy recovery	Improving Water Security through Water-Energy Nexus Approach in Danang city of Vietnam	PHAM NGOC BAO (Japan) [Institute for Global Environmental Strategies (IGES)]
Energy Efficiency in sewage, waste water, and sea water recycling and reuse	Novel Fertilizer Production from Human Urine in Membrane Distillation Process	RUTH HABTE HAILEMARIAM (Federal Democratic Republic of Ethiopia) [Korea Institute of Civil Engineering and Building Technology]
The depletion and pollution of water caused by climate change	Rejuvenation of Lake Mahadevapura using Nature Based Systems	Tarika Vaswani (Republic of India) [CDD Society]
Integrated management of diversified water resources	Smart Technology for Integrated Management of Diversified Water Resources	KukHeon Han , (Republic of Korea) Waala Mhammad Khalaf Bani-Mostafa [Smart Water Grid Research Group, Korea & Miyahuna, Jordan]