



World Water Challenge 2020



World Water Challenge is an international contest for water solutions. As a follow up activity of the 7th World Water Forum in 2015, it has been annually held in conjunction with the Korea International Water Week(KIWW), aiming to identify imminent water problems that world is facing and to find feasible solutions to them.

World Water Challenge 2020 will be held as one of the signature programs of KIWW 2020. This 6th edition of World Water Challenge is expected to serve its role as an important platform to share not only innovative scientific/technological method but also policy towards solving the defined water challenges around the world and to forge a broad network among the experts and stakeholders in water sector as well as the diverse pool of solution providers. Given the current global circumstance in which the world is suffering from COVID-19 pandemic, the WWCH will be dealing with the special topic “Water and Health” along with 5 Main Topics to demonstrate a pathway to not only overcoming the current pandemic but also achieving the Sustainable Development Goals.

Participants Anyone (as individual or on behalf of an organization) who is interested in water is welcome to participate in the program.

Process

CHALLENGES
The list of the challenges has been decided by the expert committee members
WWCH 2020 Challenge List

SOLUTIONS
Solution Submission (due by August 30, 2020)
Solution Selection
Final Presentation (September 22, 2020)

Application Solution providers are kindly requested to submit their proposals through the online submission system via the KIWW official website (www.kiww.org) using the provided application form. Please make sure that all submissions must be filled out in English. Other languages are not acceptable.



World Water Challenge 2020 Award and Benefit



Winners will be presented with a cash prize and trophy.

The BEST

(Presented by Minister of the Ministry of Environment, ROK)

up to **10,000,000 KRW**
(approx. 8,400 USD)

OUTSTANDING

(Presented by President of Korea Water Forum)

up to **5,000,000 KRW**
(approx. 4,200 USD)

- * Winners will have the chance to be invited to the WWCH showcase during the KIWW 2021 and/or the 9th World Water Forum to share their solutions with the experts from all around the world.
- * The title of the awards and the amount of prize money are subject to change.
- * If there is not qualified solutions for the "THE BEST" prize based on the decision of the evaluation committee, there may not be the winner of the year and/or type of award and prize money may change.
- * Due to COVID-19 situation, more detailed information of the Award Ceremony will be announced soon.



Outcomes of Previous World Water Challenges

2015

10 Selected solutions out of 78 from 22 countries to 15 Prioritized Water Challenges are presented during 7th World Water Forum.

The Best

"ECOMURO H2O+Collecting Rainwater" to deal with "Rural Water Problem"



2017

10 Selected solutions out of 36 from 17 countries to 10 Prioritized Water Challenges are presented during KIWW 2017.

The Best

"A Bucket Brings Fresh Water: Sorain Bucket" to deal with "Water Scarcity and Saline Groundwater Affecting Local Community for Kojaini, Zanzibar, Tanzania"



2019

9 Selected solutions out of 67 from 37 Countries to 10 Prioritized Water Challenges are presented during KIWW 2019.

The Best

"A water Kiosk at School" to deal with "Innovating financing for local water solutions"



2016

10 Selected solutions out of 27 from 15 countries to 11 Prioritized Water Challenges are presented during KIWW 2016.

The Best

"Development of Water Purifier with Filter Made by Raw Materials in Cambodia" to deal with "Appropriate Technologies for Water Purification in Underdeveloped Countries"



2018

- "World Water Challenge Showcase" during 8th World Water Forum In Brazil Served as a bridge connecting the core value of the 7th and 8th World Water Forum, "Implementation" and "Sharing" though open discussion among water experts
- Shared the winning solutions of previous WWCH and introduced innovative technologies in public and private sectors for tackling water challenges



World Water Challenge 2018

7 Selected solutions out of 71 from 40 countries to 6 Prioritized Water Challenges are presented during KIWW 2018.

The Best

"Septage Management through decentralization of septic tanks and Community Participatory Approach" to deal with "Septage Management in the Urban Areas of Indonesia"



World Water Challenge 2020 Call for Solutions!

The Secretariat of the Korea International Water Week is currently seeking to find the innovative water solutions to the defined water challenges in various regions.

The solution submission will be proceeding through the KIWW website until **August 30, 2020**.

Some selected solutions will be invited to the KIWW 2021 and be shared with experts and stakeholders in water sector through the open discussion at the final round.

The winners of the World Water Challenge 2020 will be announced and awarded the cash prize with a trophy .

Please join this meaningful project and challenge to be a final winner with an outstanding solution that will contribute to solving the global water challenges!



World Water Challenge 2020 Challenge List

Main Topic	Challenges
Water and Health <i>(Special Topic for WWCH 2020)</i>	<ul style="list-style-type: none"> 💧 Scale-up of WASH for Public Health 💧 Efficient Method for Wastewater Surveillance to Detect Spread of Disease
Efficient Water Management	<ul style="list-style-type: none"> 💧 Integrated Management of Diversified Water Resources 💧 Innovating Financing for Local Water Solutions
Resource Recovery from Water and Wastewater System	<ul style="list-style-type: none"> 💧 Energy Efficiency in Sewage, Waste Water, and Sea Water Recycling and Reuse 💧 Integrated Management of Diversified Water Resources
Water and Natural Disasters	<ul style="list-style-type: none"> 💧 Flood Prevention and Management for Sustainable Water Cycle and Regeneration 💧 The Depletion and Pollution of Water Caused by Climate Change
Smart Water Technologies	<ul style="list-style-type: none"> 💧 ICBM, ICT Based Water Management 💧 'Smart' Solutions for Water Management : Definition and Case of S'mart Solutions' by Region, Sector, and Target
Ecosystem and Water	<ul style="list-style-type: none"> 💧 Nature-based Solutions for Ecological Recovery and Reinstatement of Natural Process of Rivers 💧 Ecological Urban Water Cycle in Adaptation of Climate Change