

Cairo Water Week 2021

Water, Population and Global Change
Challenges and Opportunities

24-28 OCTOBER 2021

CAIRO - EGYPT

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Ministry of Water Resources and Irrigation

— Cairo Water Week 2021 —

Demand for freshwater is rising with factors, such as population growth, land use change and climate variations, rendering water availability in the future uncertain. A complex process affected by both natural processes and human activities and climate variations, many of these factors are expected to undergo substantial changes in the near future. This is bound to render freshwater availability in the future uncertain. Water resources are therefore indisputably declining at an alarming rate all around the world.

Urbanization is one of the most extreme forms of human-induced land use change resulting from the intricate actions of various physical and socio-economic factors. Urbanization leads to increased pressure on freshwater resources as people become more concentrated in one area through the transformation of once natural landscapes to urban water-impervious lands, which limits available freshwater resources.

Other than population growth, demand is also expected to be influenced by economic development and projected changes in water use efficiency as urban areas grow. This is a major concern for many developing countries that have seen their economies undergo rapid transitions from rural to urban settings during the last half of the twentieth century, especially since the world population tripled while the use of water increased six-fold in the past century. Population growth particularly will limit the amount of water available per person, because an increase in per capita water consumption driven by development will intensify water demand, straining the local water supply.

Recognition of the links between rapidly growing populations and shrinking freshwater supplies is the essential first step in making water use sustainable. There is not a global water shortage as such, but individual countries and regions need to urgently tackle the critical problems presented by water stress. Water has to be treated as a scarce resource, with a far stronger focus on managing demand. Integrated water resources management provides a broad framework for governments to align water use patterns with the needs

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Cairo Water Week (CWW) is considered one of the biggest water-related events at the national, regional and international levels. It is an annual event organized by the Egyptian Ministry of Water Resources and Irrigation, under the patronage of H.E. Mr. Abdel Fatah El-Sisi, President of the Arab Republic of Egypt, in collaboration with national, regional and international partners.

CWW is not a one-off event, but rather part of a series of activities aimed at better connecting water organizations and wider water sector industries, regional interests, and communities.

The fourth edition of CWW series of conferences, Cairo Water Week 2021, will take place during the period from 24th to 28th of October 2021 in Cairo – Egypt, and will address the main theme

“Water, Population and Global Change: Challenges and Opportunities”.

The event this year will discuss population issues and the impact of overpopulation on common management of transboundary rivers and climate change for the first time in this series as they have a direct impact on the water sector. The five related sub-themes and a number of sub-topics, will be addressed during the event through various plenary and technical sessions that will be organized by reputed international and regional organizations, which have an interest in such topics.

CWW is an important platform for professional engagement, the exchange and sharing of ideas, learning from others and identify areas for partnerships and collaborations. The key events at which activities associated with the topic will be proposed, are several

and demands of different users, including the environment.

recent events and discussions that would highlight the links between water, population and global changes.

Who could attend?

The Conference is relevant to representatives of:

- 1 Government authorities combining the experts of water and water-related issues as well as the financing/planning tracks;
- 2 Water resources management organizations and authorities;
- 3 Private sector with an interest in water issues;
- 4 Financing sector interested to invest in water activities;
- 5 Regional and National Stakeholder Organizations including Civil Society Organizations, Academia and Media;
- 6 International and Regional Institutions and Organizations;
- 7 Donor and financing institutions active in water sector;

Individuals who are

What will be included?

The CWW 2021 will present multiple opportunities and events to promote and enhance interactions and knowledge sharing among members of the water community and stakeholders. These will include, but not limited to, the following:

- 1 Plenary sessions, Technical sessions, Side Events and Workshops.
- 2 Different Forums
- 3 Round tables and High level events
- 4 Cairo Water Competitions (Best Graduation Projects, Three Minute Thesis 3MT, Farmers Best Practices, Media Competition)
- 5 Kids` Hub (Kids Lab)
- 6 CWW Hackathon on Smart Irrigation
- 7 Exhibition

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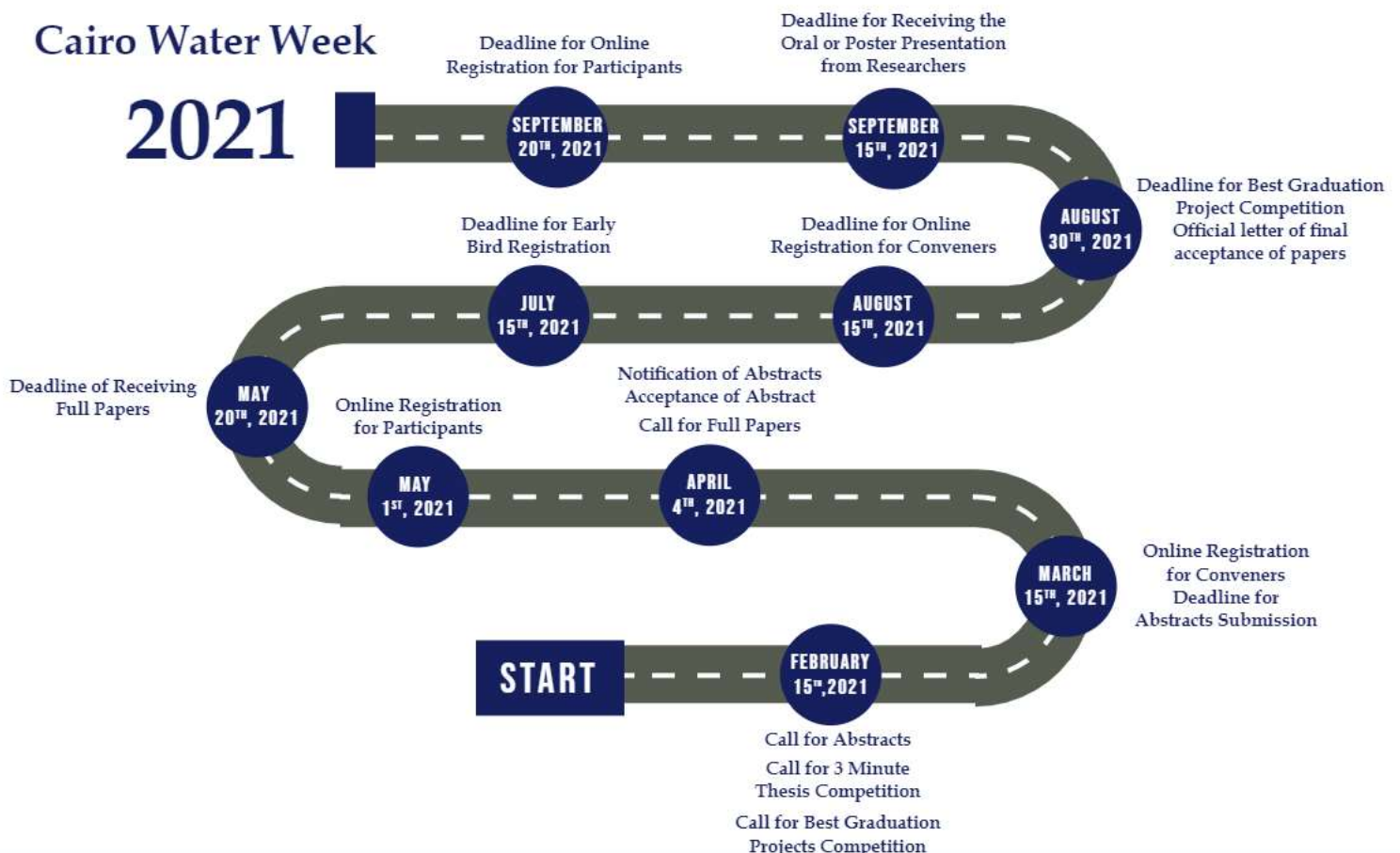
Individuals who are
interested in water issues

Why CWW 2021?

The 2021 Conference has a number of objectives, which include the following:

- To bring into dialogue those organizations and communities concerned with water from different perspectives. There is a considerable benefit from such diverse groups working together to seek sustainable solutions arising from modern world challenges (climate change, population growth, and urban development, for example).
- To promote water awareness and foster innovative approaches to face the most pressing water-related challenges.
- To keep updates on global movements to address water challenges and identify modern tools and techniques for managing water resources.
- To bring together a diversity of communities of practice to explore opportunities for working together and with communities of interest.

Save The Dates



This part will be updated regularly by the organizing committee.
For the updates, please follow us on our Facebook page Cairo Water Week