All Megacities – urban centers which accommodate more than 10 million inhabitants – are facing major challenges related to providing water services for their inhabitants, while managing their environment. Climate change effects of intensifying magnitude and global challenges such as sea level rise, increasing temperatures or urbanization, threaten these cities.

Now, there is a need for action to achieve resilient cities.

Cross-cutting and multi-dimensional solutions need to be developed and proposed, based on the collaboration between scientists developing the knowledge, operators (public and private) who innovate technically and socio-politically, and local decision-makers who support new, fairer and more effective models of water governance, in constant interaction with civil society.
The Second International Conference « Water, Megacities and Global Change », also known as EauMega 2020, and organized by the Division of Water Sciences of UNESCO, ARCEAU-IdF, SIAAP and Greater Paris Metropolis, will be held from 1st to 4th of December 2020, at UNESCO headquarters in Paris, France.

It follows the first conference of the same type "EauMega", held at the same location in December 2015, as part of COP 21. The themes that will be debated, in scientific and technical terms, are quite similar to those that were discussed in 2015. Indeed, the context has not evolved in a satisfactory way: adaptation to climate change seems to be moving further and further away, pollution of the aquatic environment is not decreasing and the urban population is expanding while climate disasters are multiplied.

- To produce a scientific and technical overview of water management in Megacities in order to identify and update the most important issues.

- To strengthen the dialogue between science and policy actors.

- To officially launch the Megacities Alliance for Water and Climate (MAWAC) by concretizing the exchange of their expertise in the specific field of water.
CALL FOR PAPERS

- The conference program will be determined by the selection of relevant scientific papers to address issues and solutions related to water security in megacities.

LIST OF TOPICS

Disaster Risk Reduction
Service Continuity
Technical and social conditions
Land issues and challenges
Ethics towards nature
Governance
Holistic water management
Sustainable Development Goals
Planning tools
Innovative initiatives
Technical and technological solutions
New Water Culture
Sustainable solidarity

- The deadline for submission of abstracts is 29th of February 2020.

- For ecological purposes, the interventions can be carried out via videoconference.

PRESENTS AND FUTURE MEGACITIES

Source: Megacities Alliance for Water and Climate (MAWAC)
To submit your paper
https://eaumega2020.sciencesconf.org/

For any further information
https://en.unesco.org/events/eaumega2020

For any questions
eaumega2020@unesco.org

We look forward to welcoming you,
at 125 avenue de Suffren 75007 Paris, France from 1st to 4th of December 2020

EauMega 2020 team