RESEARCH-COMMUNITIES ASSOCIATION IN THE WATER SECTOR IN ILE-DE-FRANCE

ARCEAU
Île-de-France

ID Card

ARCEAU-IdF is a non-profit organization founded in April 2013 by several local communities and research laboratories from the Paris region. Its activity is mainly oriented towards the transfer of both scientific data and pioneering actions in the water sector.

Unique in its structure, ARCEAU-IdF is a pluralist debate platform, connecting researchers, operators and elected officials.

Target Group

ARCEAU-IdF addresses to:

→ **Local communities**

→ **Individuals**

→ **Research laboratories**

→ **NGOs**

→ **Companies & engineering offices**

Founding Members & Partners

Working Groups

ARCEAU-IdF conducts several multi-actor working groups, based on a pair working team formed by a researcher and an operator:

→ **Small rivers** analyses the opportunities generated by the restoration and the exploitation of small urban rivers in Ile-de-France,

→ **Knowledge management** in the water field,

→ **Stormwater and the City** inquires the urban stormwater management,

→ **Micro-pollutants** identifies the limits of local authorities' power while facing micro-pollutants,

→ **Source separation** examines the source separation of domestic wastewater,

→ **Water-megacities** explores the relationship between water, megacities and global change.

Main Issues

ARCEAU-IdF's project is based on three complementary axes:

→ **Transfer of scientific data:** working groups, technical datasheets, guides, articles, PhD thesis' dissemination, seminars, workshops, conferences,

→ **Debate:** critical thinking of daily practices and debate on public issues of the water sector,

→ **Networking and mediation:** resembling all actors from the Paris area water sector.

Events

Since its creation,
ARCEAU-IdF has
organized several
national and international
events:

➜ National conference on the
Quality of Water and Aquatic
Ecosystems in the Seine Basin,

➜ National conference on Micropollutants
Present in the Water Ecosystems and Their
Impact on Human Health,

➜ National congress on Water Governance,

➜ International workshop on Source Separation of
Domestic Wastewater,

➜ International events on Water, Megacities and Global
Change.

International
conference

In 2015, during COP21, ARCEAU-IdF co-organized in partnership with UNESCO's International Hydrological Program an international conference on *Water, Megacities and Global Change*.

The conference gathered almost 400 participants from all over the world with various profiles: scientists, operators, elected officials and civil society.

Main issues:

➜ **State-of-art on water governance in megacities**

➜ **Highlight on innovative solutions in the water field**

➜ **Development of an international network of megacities**

Program:

➜ 56 scientific and technical communications

➜ 3 round tables on water governance and adaptation to climate change

➜ 1 declaration presented at COP21 on *Water, Megacities and Climate Change*

Follow-up:

➜ Digital and printed edition in English, Spanish and French on *Water, Megacities and Global Change* containing the summaries of monographs on 15 emblematic megacities.

International on-line events

In December 2020, an online Pre-Conference event on Water, Megacities and Global Change was co-organized by ARCEAU-IdF, UNESCO, SIAAP and the Greater Paris Metropolis, with the kind support of Agence de l'eau Seine Normandie and Eau de Paris.

Through the presentation of **30 scientific papers**, produced and delivered by researchers, operators, PhD students and civil society representatives, the Pre-Conference has provided a brief **scientific and technical overview** of current water **challenges** Megacities face and **solutions** they use to mitigate the effects of climate change.

Ten thematic sessions were held from 13:00 to 15:00 (CET time), to enable as many people as possible from all over the world to join the conference:

➜ **1 250** registered participants,

➜ **6 431** total audience,

➜ from **114 countries**.

https://arceau-idf.fr/en

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