



MAWAC-ENA WORKSHOP

PARIS

November
2025



Monographs

Bruno NGUYEN

W-SMART

Paris



WATER MONOGRAPHS OF MAWAC ENA



Chicago

Tim Leffel,
Texas State University
Mary Ann Dickinson,
Alliance for Water Efficiency

UN POPULATION DATA
8.7
million

POPULATION RANKING
72

Istanbul

Isaac Ozturk,
Istanbul Technical University
Dorcas Adina Altay,
Istanbul Water and Sewerage
Administration (ISGA)

UN POPULATION DATA
13.9
million

POPULATION RANKING
15

London

Jo Parker,
Watershed Associates Ltd.

UN POPULATION DATA
10.2
million

POPULATION RANKING
27

Los Angeles

Adel Hagekhalil,
Bureau of Sanitation of the
City of Los Angeles
Igor Wismann,
Carroll Engineers

UN POPULATION DATA
12.3
million

POPULATION RANKING
20

New York

Angela Lianza,
New York City Department of
Environmental Protection

UN POPULATION DATA
18.5
million

POPULATION RANKING
9

Paris

Jean-Pierre Tebouché,
SNCF
Bruno Tassin,
École des PontsParisTech
Cécile Maerli,
AgroparisTech

UN POPULATION DATA
10.7
million

POPULATION RANKING
25

WATER, MEGACITIES & GLOBAL CHANGE

Portraits of 15 Emblematic Cities of the World



Questions asked for the Monographs' Update



1. Have the 10-year forecasts for climate change (i.e. 2025) been verified? And if not, how does today's situation differ?
2. Have the solutions devised to meet the challenges of adapting to climate change regarding urban water been applied as planned? and if not, why not? and with what differences?
3. Have the measures taken to combat the effects of climate change on water been effective, and to what extent?
4. What lessons have been learned about urban water over the past decade?

Questions asked for the Monographs' Update



5. What are the forecasts up to 2035 and their expected effects of climate change?
6. What challenges and solutions have been devised to offset or mitigate the expected effects of climate change?
7. What significant events have influenced local awareness of the urgent need for megacities to be better prepared for the expected effects of climate change on water services?
8. Generally speaking, how do you see your megacity being situated in relation to others in terms of adapting to the effects of climate change on water?

Thank you for your attention



NAME : Bruno NGUYEN

INSTITUTION : W-SMART

MEGACITY : PARIS



Métropole
du Grand Paris



SEINE
GRANDS
LACS



AGENCE
eau
seine
NORMANDIE



Water Security Management
Assessment, Research & Technology

MAWAC- ENA PARIS 2025

