



Theme **4** URBAN
Topic **A** Water And Cities
Session **1** **Design for Water-Wise Cities**

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Session Outline

- Welcome and introduction

- Part I

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|--------------------------|-----|-------------------------------|----------|----------------|
| 1. Debarati Chakraborti, | IN, | Center for Built Environment, | Kolkata | .org |
| 2. Alexandra Lauriat, | FR, | SIAAP, | Paris | .org - utility |
| 3. Celso De Oliveira, | BR, | Ministry of Cities, | Brasilia | .gov |

- Discussion

- Part II

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|----------------------|-----|-------|-----------|----------------|
| 4. Flavio Lemos, | BR, | SUEZ, | São Paulo | .com |
| 5. Mouhamadou Gueye, | SE, | ONAS, | Dakar | .org - utility |

- Discussion

- Part III

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|-------------------|----------------|-----------------------------|---------|------|
| 6. Lee-Hyung Kim, | KR, | Kongju National University, | Cheonan | .ac |
| 7. Hannah Leckie, | International, | OECD, | Paris | .org |

- Discussion

- Wrap-up & way forward

- Participants Take Action: comments & commitments & group photo

The IWA Principles for Water-Wise Cities

- Developed by IWA network thought leaders as an outcome of the 7th WWF
- Framework for holistic, trans-disciplinary and integrated water management and planning.



- 1** Regenerative Water Services for all
- 2** Water Sensitive Urban Design
- 3** Basin Connected Cities
- 4** Building water-wise communities

Vision

Governance

Knowledge
& Capacity

Planning
Tools

Implementation
Tools

The UN Principle of Progressive Realization...

- ...of the Human Right to Sanitation
SDG6.2 and 6.3
- Developed by IWA network thought
leaders as an outcome of the 7th WWF

- Wastewater treatment schemes must meet legal discharge standards, defined within the legislation of almost all countries.
- In fact, standards are rarely met (up to 90 per cent...).
- Too often, standards thereby achieve adverse effects,
 - considered unrealistic
 - any cost efficient intervention, improving the current situation but not meeting the discharge standard, would legally threaten its initiator.
- progressive treatment performance, phased approach over the next 12 years as we proceed towards SDG 6.2 and 6.3
 - develop own standards
 - take adequate time to implement a suitable regulatory framework
 - develop the institutional capacity necessary for enforcement

