



CURRENT PRACTICE

@ FIRST PRIORITY: local rivers, lakes, remote water source

SECOND PRIORITY: ground water

THIRD PRIORITY: recycled water

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Shortcomings of current practice

- Surface water (lakes, rivers) could be contaminated with pollutants, fertilizers, pesticides, chemicals etc.
- Ground water generally has high mineral content. Over drawing could lead to depletion of water table.

RAINWATER COLLECTED WHERE IT FALLS IS EASIER TO TREAT AS IT IS RELATIVELY CLEANER THAN SURFACE AND GROUND WATER

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Reorganizing our priorities

FIRST WATER: Catching rainwater where it falls

⊗ SECOND WATER: Recycled water

THIRD WATER: Local rivers and lakes

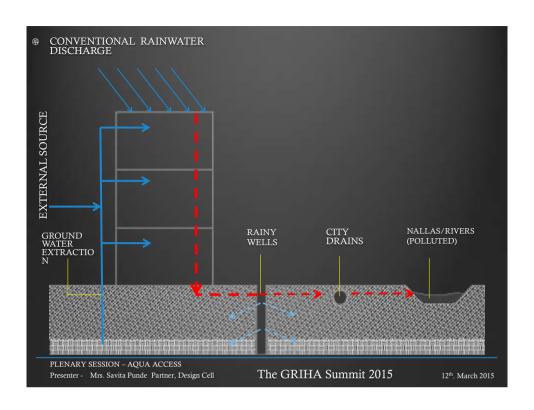
FOURTH WATER: Ground water

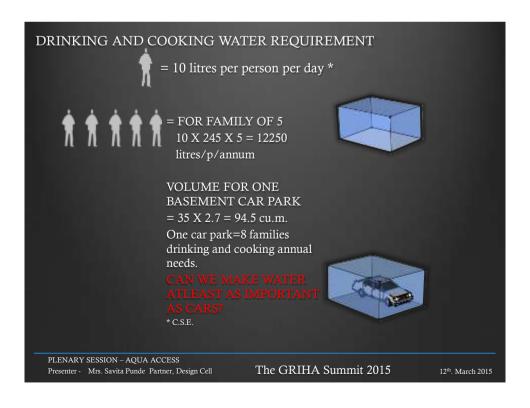
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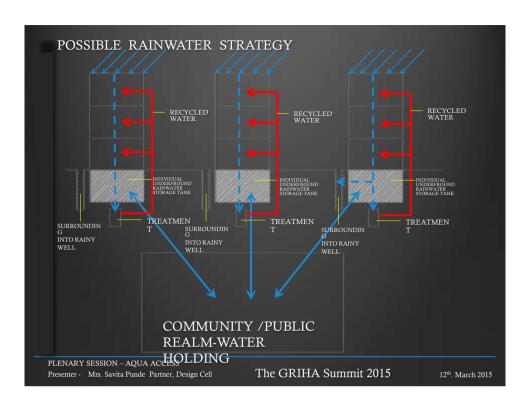
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Way forward: looking within the city















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- The cities landscape structure needs to be seen as infrastructure essential for the cities functioning and as a instrument of resilience.
- This objective may call for some important processes of reclaiming territory that has been lost to encroachments or inappropriate decisions.
- Today there are enough instruments within the frame work of legislation through transfer of development rights should the state consider the landscape of a city as a important working infrastructure and needs to reclaim some critical ground.

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Restoration of Chonggyechon river, Seol – korea





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Conclusions

- We need to reinterpret some of our traditional practices to meet new challenges
- The issue of water source and therefore holding systems within projects is critical and non negotiable. This must find a place not just in rating systems but may soon need to be integrated in urban regulations.
- The urban landscape needs to be seen as critical infrastructure, and in some cases regaining territory to reclaim the city's green infrastructure may be critical and need serious intervention.

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