

“Water Resource Conservation and Management for climate resilient development”



Ministry of Environment, Forest and Climate Change
Government of India

सत्यमेव जयते



INDIA
@ COP24 KATOWICE 2018

CLIMATE CHANGE & WATER RESOURCES – A STEP TAKEN BY TERRE



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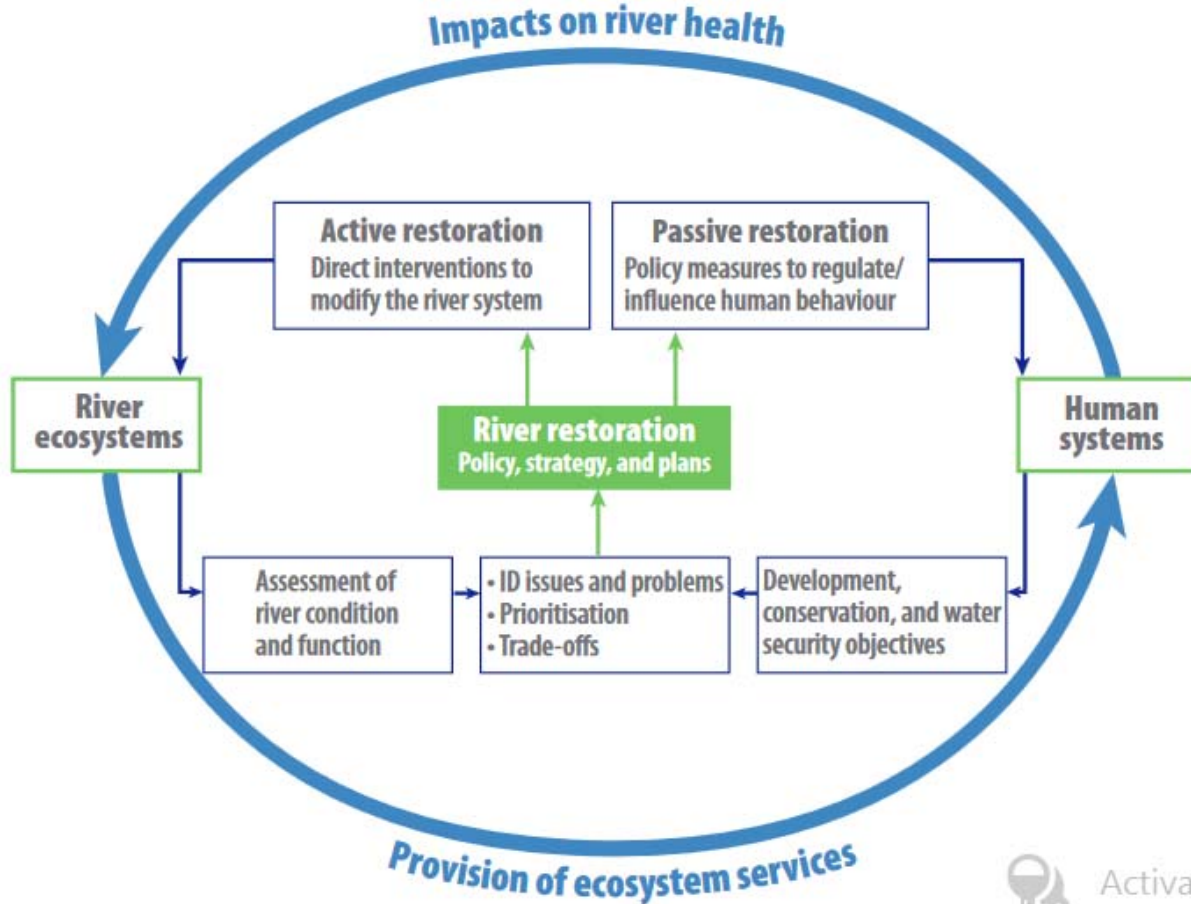


Introduction

- In India, rivers and aquatic eco-systems have been very much degraded by a variety of human disturbances, Hindu's myths and activities.
- There is an urgent need for developing rational adaptation strategies, To minimize the adverse impacts of climate change and attaining its sustainable management.
- The pressure on water resources in India will further increase soon for three main reasons.
 1. The increase in population expected by 2050.
 2. Rapid urbanization and economic growth will increase the demand for water, reducing the water available for agriculture.
 3. To sing hymns in praise of the goddess. Pollution threatens not only humans but also aquatic eco-system.



River Water Cycle





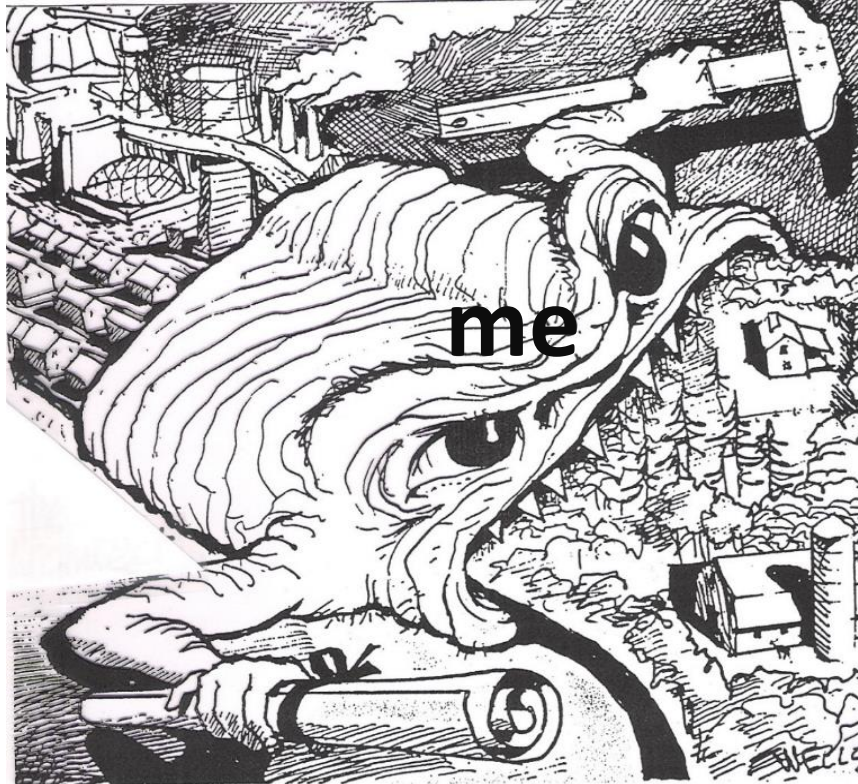
The Water Quality in the River is Crucial

The rivers are not anymore only a water source and used for transportation. We need clean, good looking, ecological rich, and not stinking water in the city, if we want the river to become an urban asset.





20 years ago I was very young and naive...

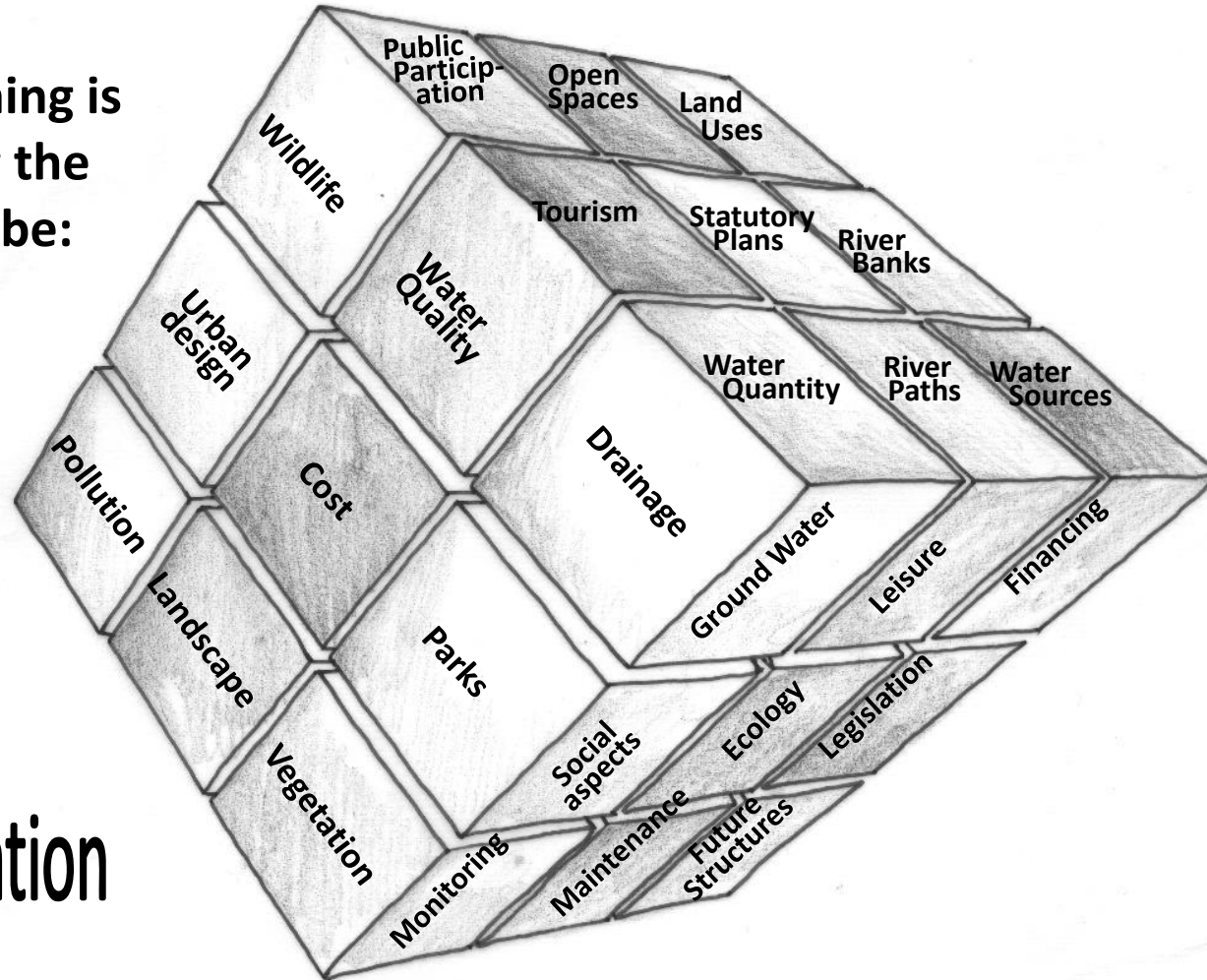


I thought planning is
preparing drawings
and reports, and
things will happen



Now I am older and more realistic...

I think planning is like solving the Rubik's Cube:



Leadership

Collaboration

- Complicated
- 3d
- All disciplines
- All scales
- One wrong move...



We plan for the People who live in the City

No happy people = No Successful Waterfront



Ganga Ghat - Varanasi



Public Private collaborations are powerful tools, but the public interest and space must be kept



TERRE Revulate and Restoration Project



Pimpri Vasti



Vandre Vasti



Sushale Vasti



Limbar Wadi Vasti



Conclusion

- What we need to plan a good waterfront is:
 - Awareness
 - Knowledge
 - Implementation

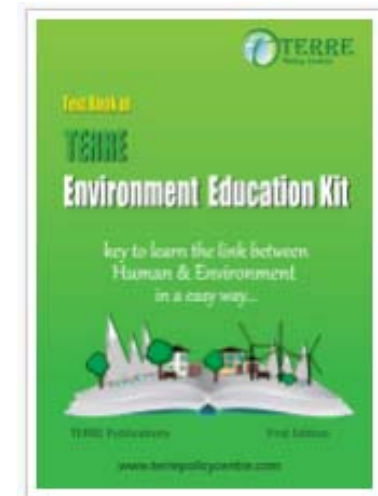


TERRE Activities

- Awareness
 - TERRE Olympiad, Dolphin Film



- Knowledge
 - TERRE Education Kit, Snake and Ladder for water.





Thank You