

**Some reflections about a
International Water Law System
of the hydrological system management**

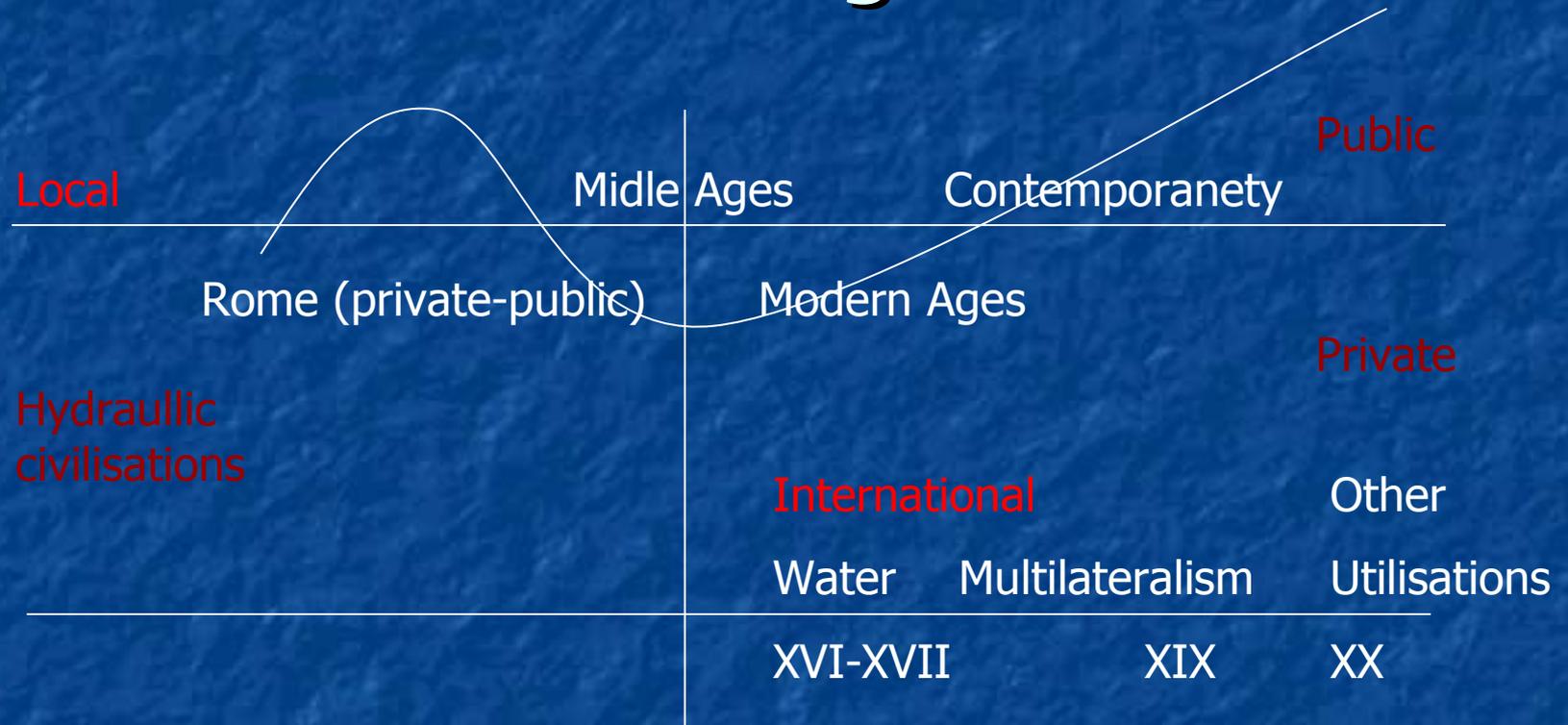
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Summary

- Water law history - an overview
- Contemporaneous problems on water management - Water law reponses and failures
- The legal theory of systems
- The steps and the adequate law system model
- The Guarani Aquifer case law
- Conclusions

The Water Law History

« sharing »



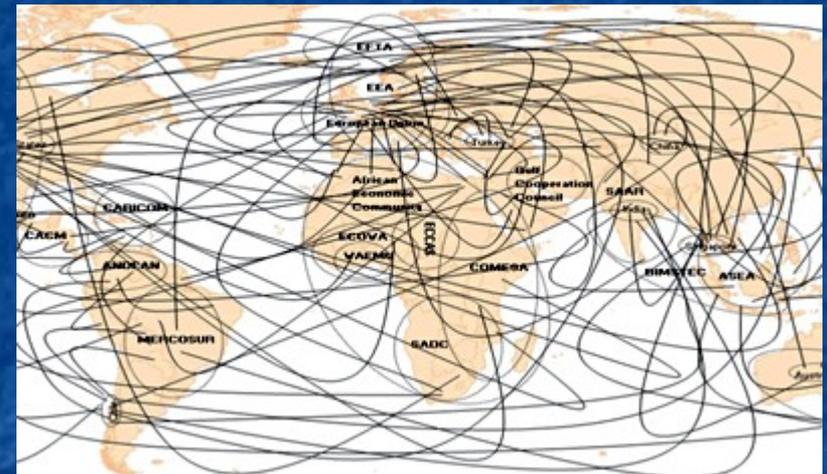
Contemporaneous problems and Water Law reponses

- PROBLEMS:

Multiplication of users and uses, utilisation of different kind of water resources, overexploitation and pollution, nature of the hydrological cycle, water management - universal, regional and local.

WATER LAW REPOSSES:

- Multiplication of instruments
- « spaghetti bowl »



- Complexity: Universal and Particular

Water law system

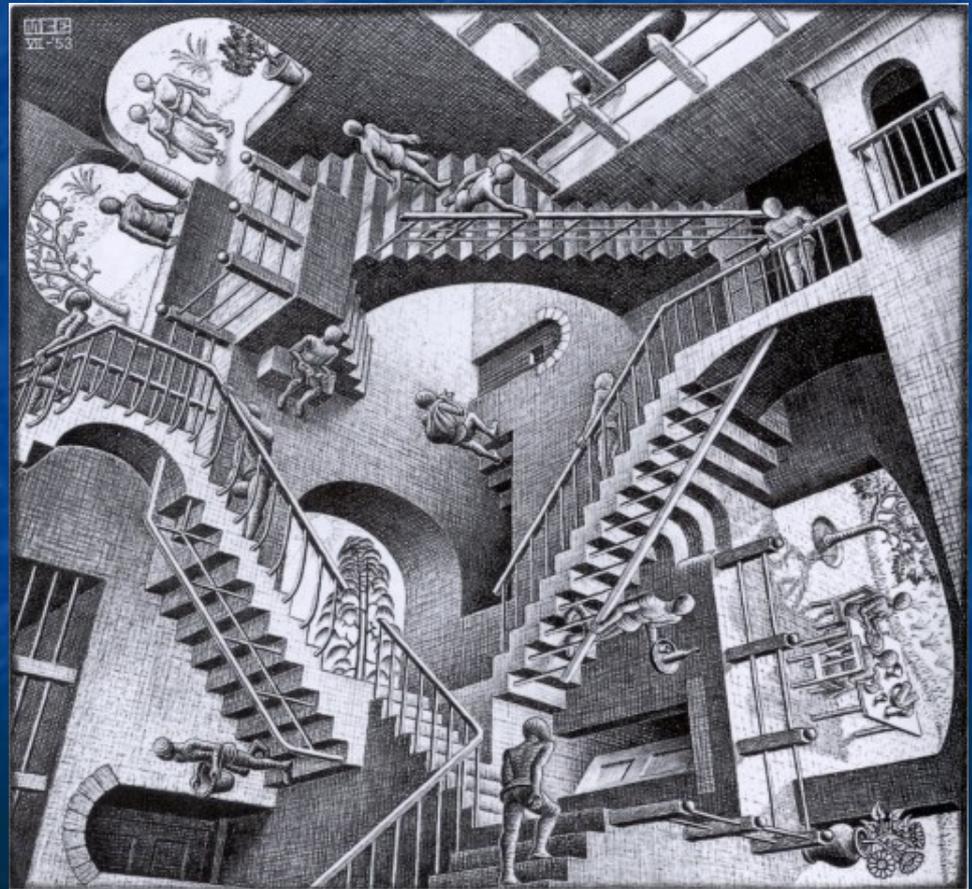
- Legal theory of systems
- Goal: Hidrological system basis

3 steps of the systematic methodology

- Necessity of fixing the concept of 'earth hydrological system' as the water law subject
- Law system concepts and elements – general - external system and internal system – « interdependents »
- Apply the system model - after.

Law system model

- Net system model – François Ost et Michel van de Kerchove.



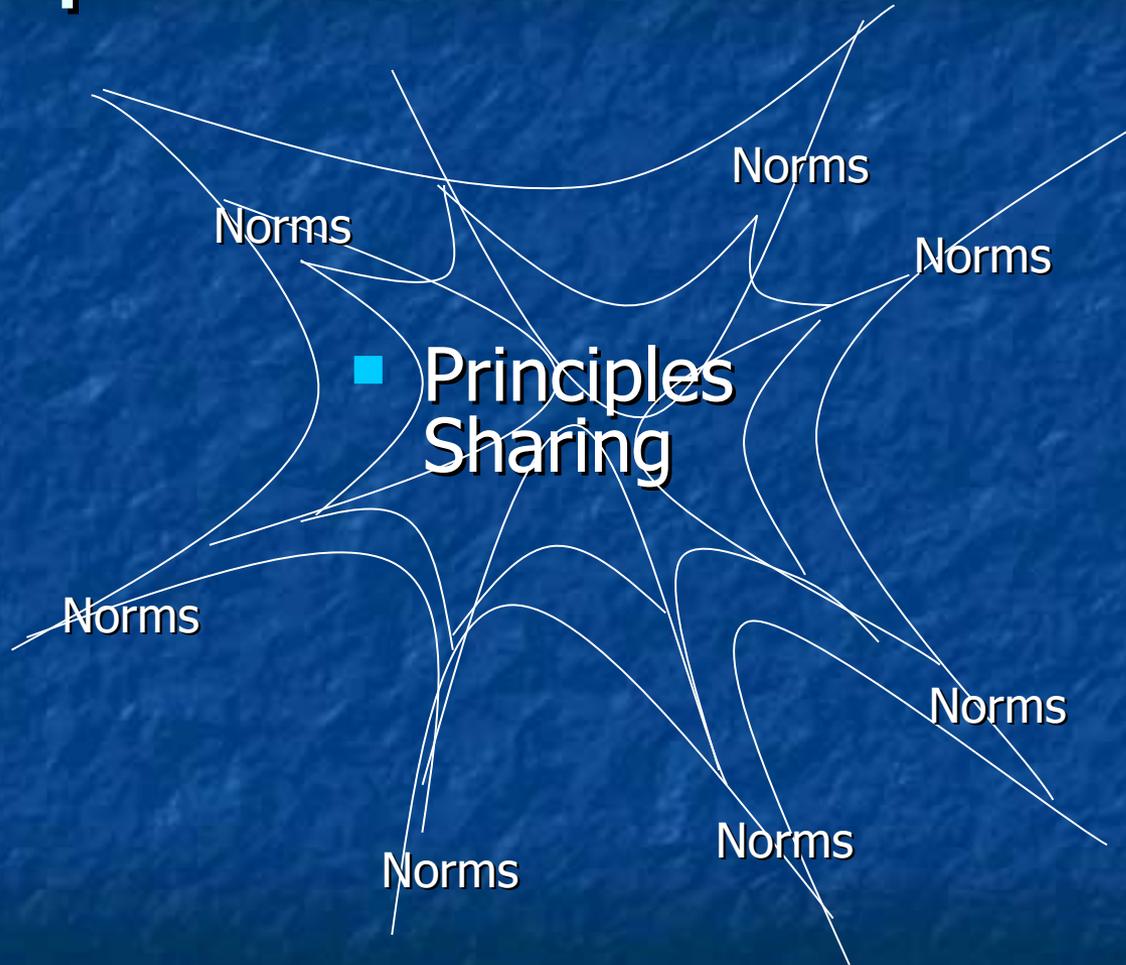
Third step: The Guarani Aquifer Case Law

- Description



- Reasons – Size, importance, diverse utilizations, diverse countries, diversed approaches. Hard case.

Application of the theory



Thank you

for your attention!