



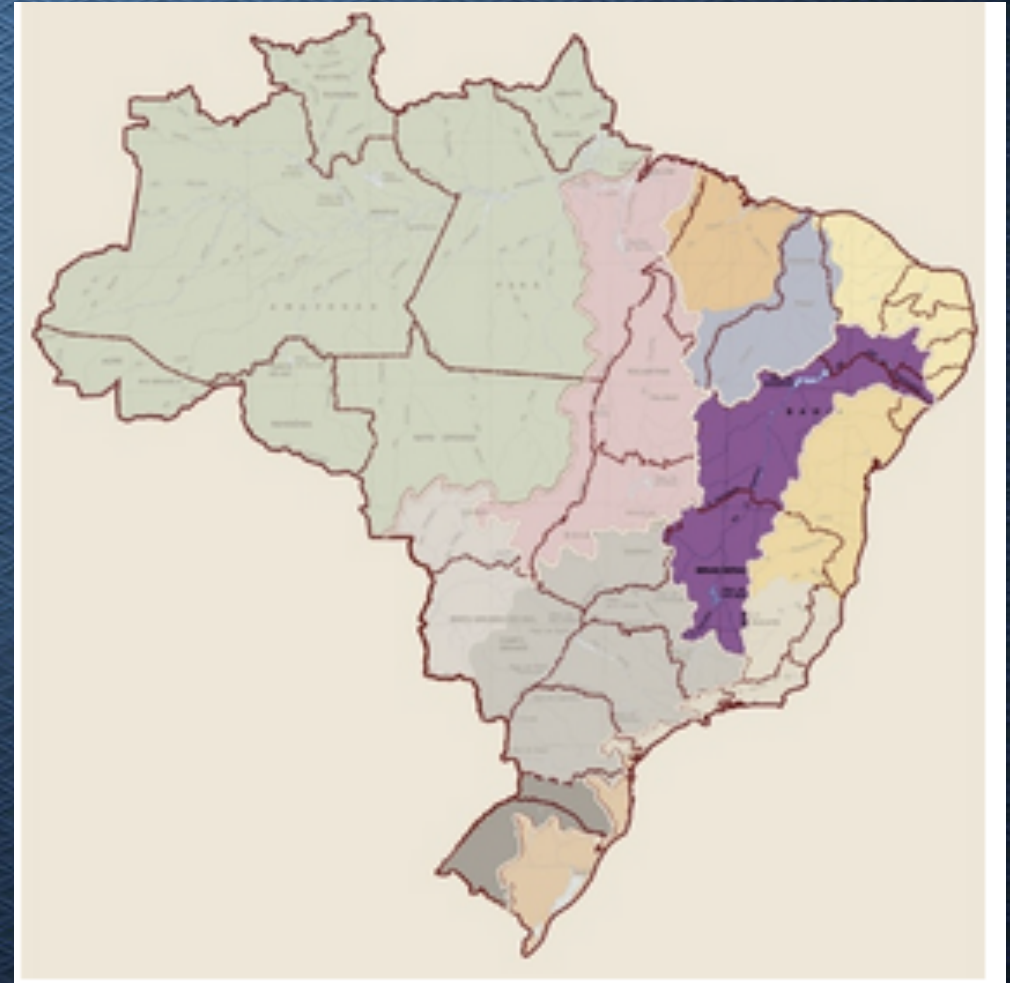
Underground Water Management in Brazil

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■ **Brazilian Constitution**

■ **Federal Government:
Superficial water located in
more than one State**

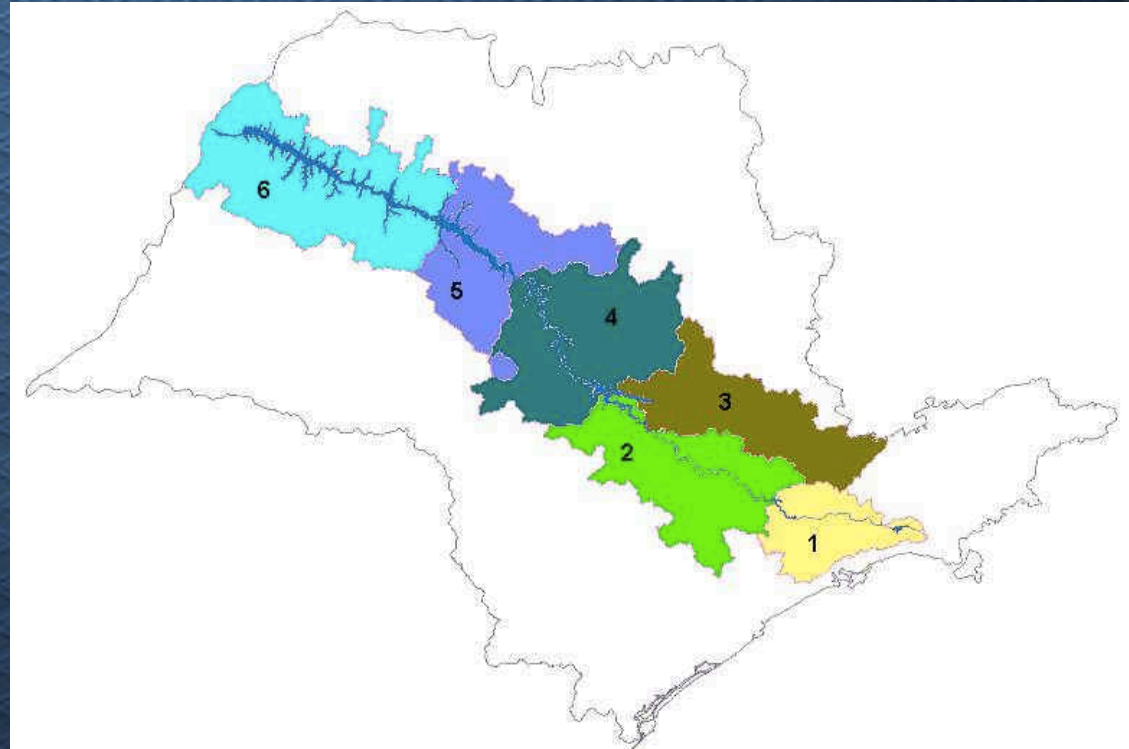
■ **Eg: São Francisco River**



■ Brazilian Constitution

- States: Superficial water, located in only one State

Eg: Tietê River, State of São Paulo



■ **Brazilian Constitution**

- **But:**
groundwater:
under the
Federal States
responsibility
and control



■ GUARANI AQUIFER

Four Nations: Brazil,
Argentina, Uruguay
and Paraguay

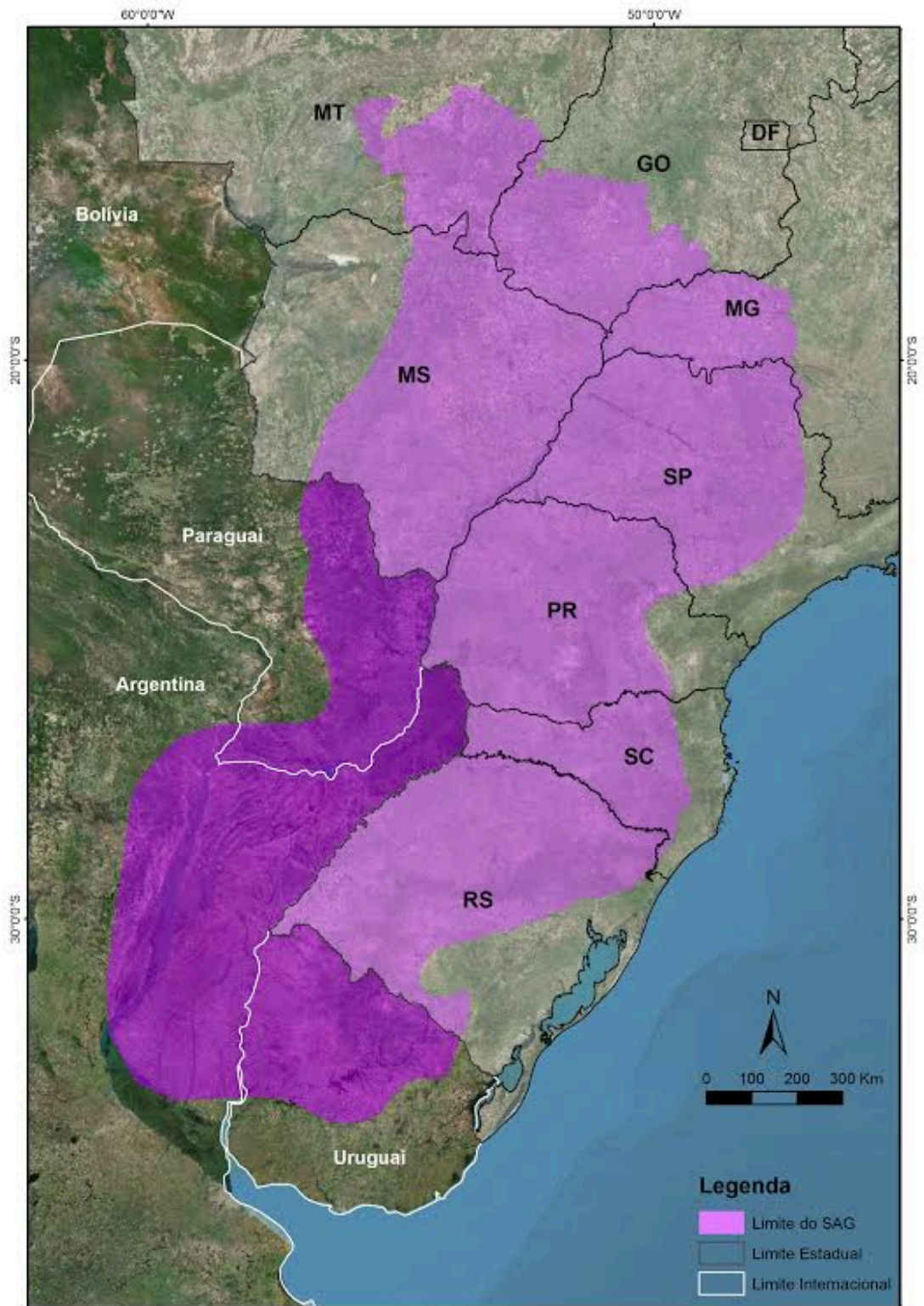
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■ Guarani Aquifer

In Brazil: 8 Federal States: each one has the competence to manage the resource

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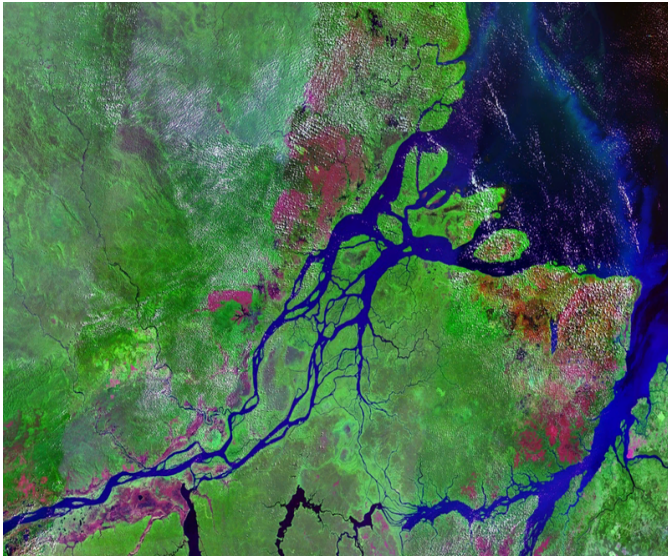


■ Water National Council

- **General rules about underground water management: cooperation between the Federal States**
- **But: competence to implement the management: only the Federal States**



■ **Federal States Competence in Underground Water**

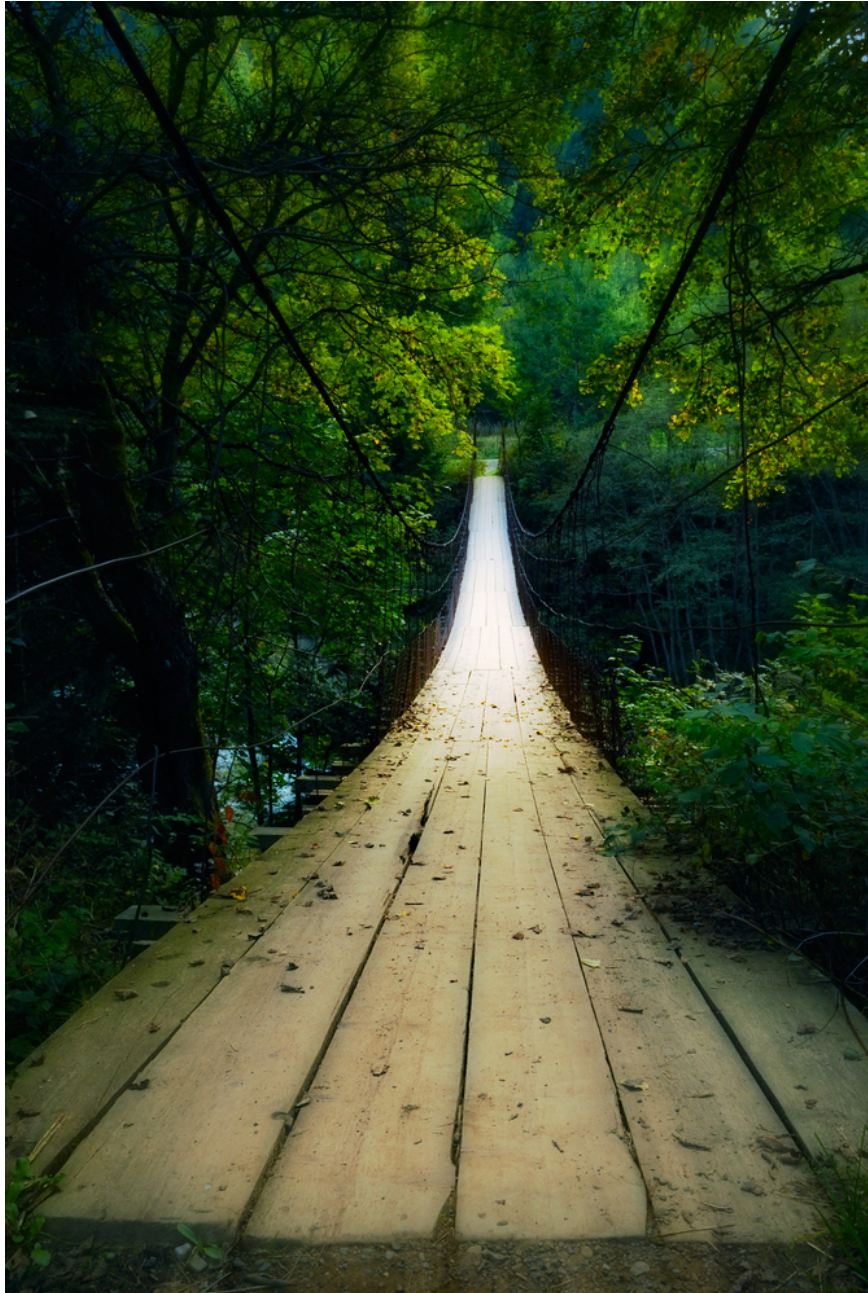


- **To implement the water management instruments: data system, planning, using authorization, protection, control**
 - **To establish specific rules (procedures) about underground use, protection and control**
-

■ Cooperation is Strategic

**States must
organize together
the underground
water
management, even
if they have
complete
jurisdiction over it
in their own
territory**





Thank You

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