

summit co-coordinated by



# Groundwater use heritage: Insights from the past to solve today's water challenges?

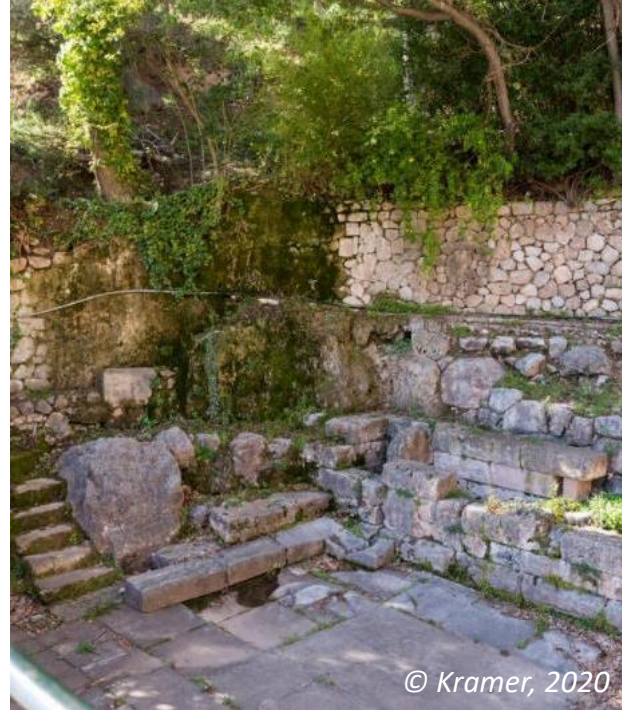
Elisabeth Lictevout  
IGRAC



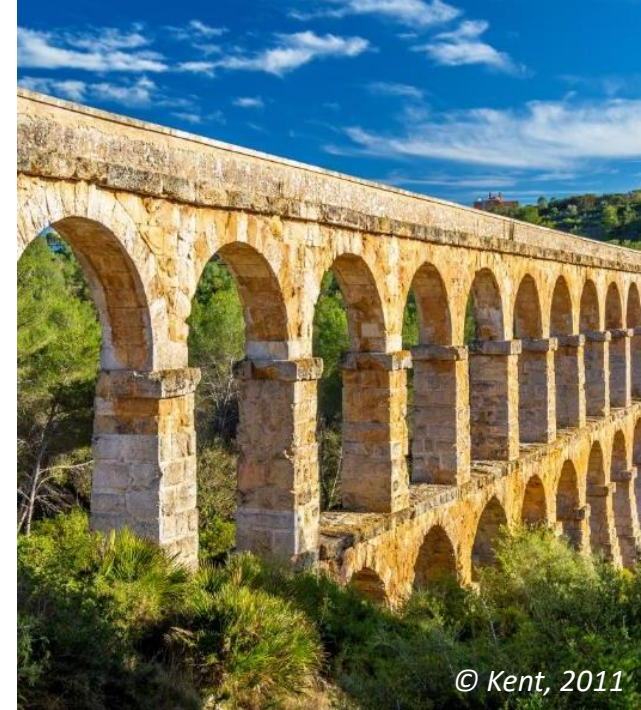
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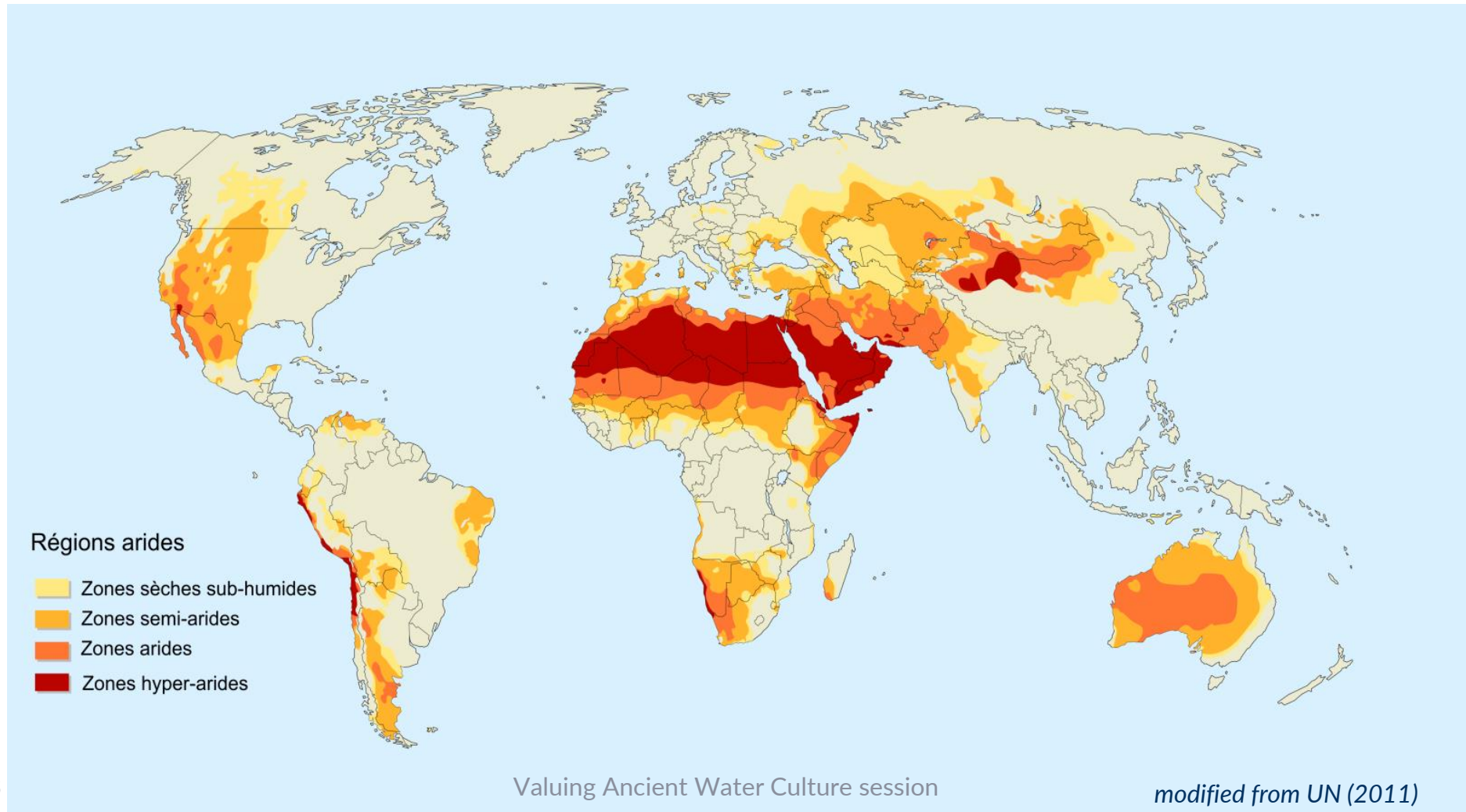
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# Groundwater use heritage

Valuing Ancient Water Culture session

# Groundwater use heritage

- In arid and semi-arid areas, vestige of historic groundwater use and management



# Groundwater use heritage

- Three types of structures :
  - to sow water: facilitating aquifer recharge
  - to retain water: improving infiltration, drainage, natural reservoirs capacity
  - To collect groundwater: developing extraction structures

*(Ribeiro, 2020)*



# Groundwater use heritage

## Hand dug wells



Source: <https://scitechdaily.com/global-danger-sinking-water-tables-worldwide/>

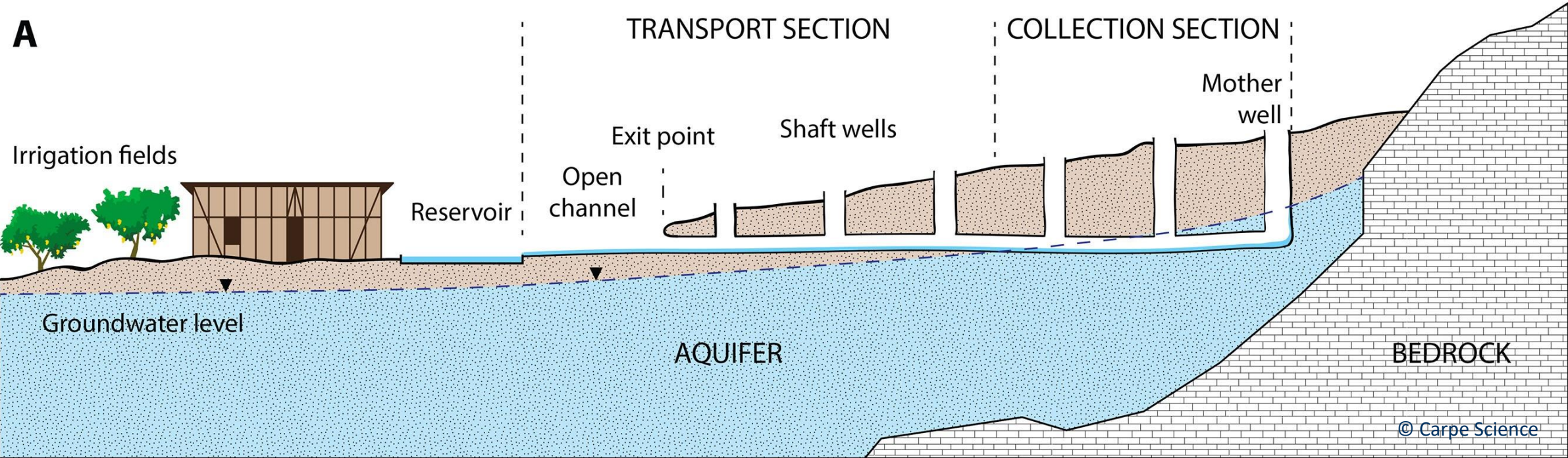
## Filtrations galleries



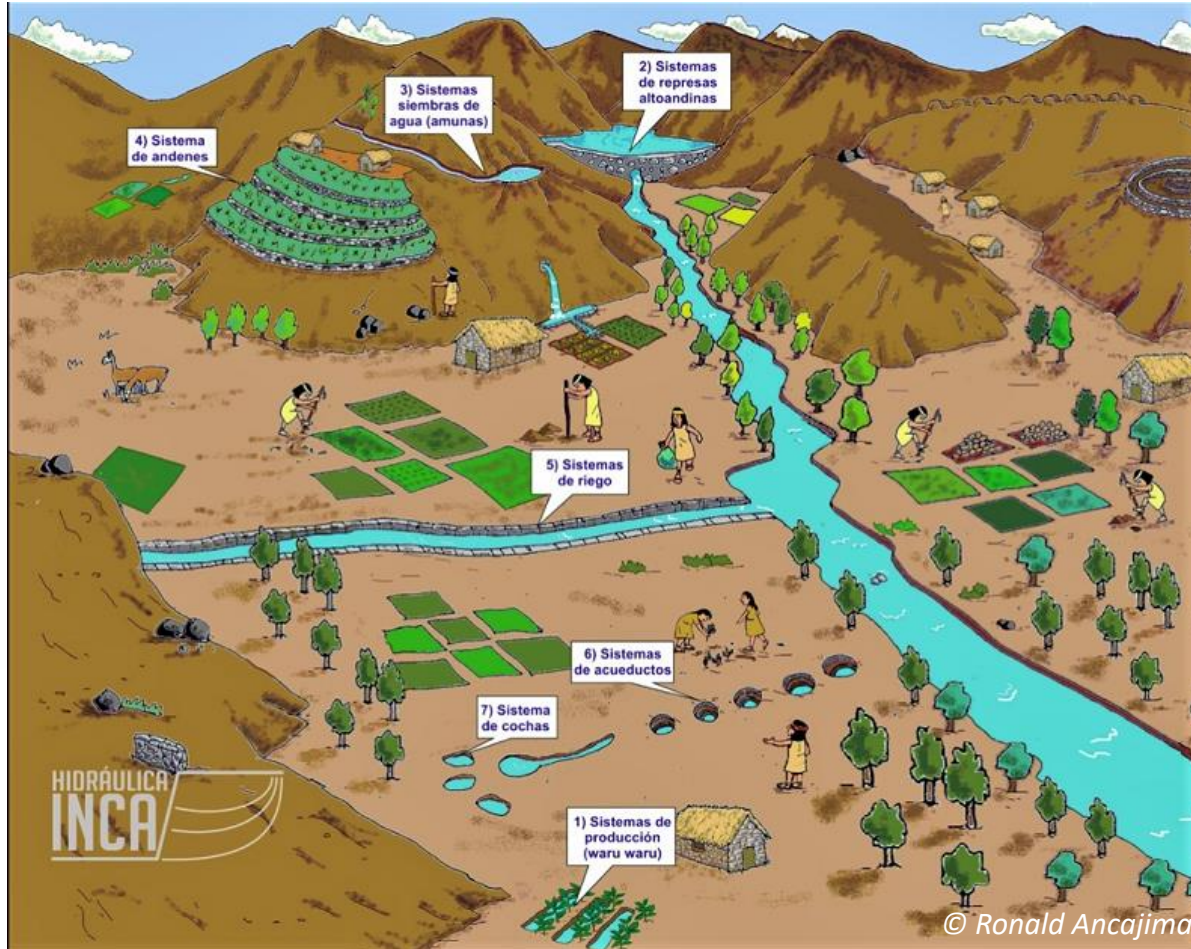
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# Groundwater use heritage



# Groundwater use heritage



- Andean culture and cosmovision

Reciprocity



Thank you very much for your attention