

# IAH network on “Coastal aquifer dynamics and coastal zone management”

## QUESTIONNAIRE

IAH national committees, IAH members and non members from all around the world involved in SWI and SGD research and management are kindly asked to fill in the

- 1) Location of aquifer (country, more specific location):
- 2) Reported by:
- 3) Type of medium (karst, porous, fracture)
- 4) Type of aquifer (phreatic or confined)
- 5) Main lithology - (e.g. gravel, sand and clay)
- 6) Hydrochemistry: fresh or saline
- 7) Saltwater intrusion: lateral from sea or lakes - upconing
- 8) Aquifer geometry: hydraulic characteristics
- 9) Aquifer parameters: storage - annual water pumping - (in MCMA - millions cubic meters, annually)
- 10) Depth of aquifer (water level and bottom) - water level 5- 30 m - aquifer depth - 50-200 m
- 11) Major chemistry (anions - ?; Cations - ?):
- 12) Major salinity sources:
- 13) Population:
- 14) Aquifer status: special features - e.g. thermal springs, major faults,...
- 15) Investigation methods - e.g. water level measurements, EC (electrical conductivity profiles), TDEM (geophysical),
- 16) Numerical hydrological modeling, chemical and isotopic methods, age determination, IR survey, seepage meters (for Submarine Groundwater Discharge, SGD)
- 17) Monitoring methods applied and duration - water level measurements, EC (electrical conductivity profiles - seasonal)
- 18) Management methods:
- 19) Aquifer management actions:
- 20) Identification of existing or potential problems:
- 21) Annexes:
- 22) Observations: