

# Spatiotemporal analysis of aquifers salinization in coastal area of Yunlin, Taiwan

The groundwater resource in Choushui River Alluvial Fan is an important district of water resource. According to the Water Resources Agency, the groundwater use is 2,600 million tons, and accounts for 40% of the groundwater use in Taiwan.

### The groundwater use includes:

- Industrial water
- Aquaculture
- More than 90% tap water is from pumping groundwater





• The theory is as followed:



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