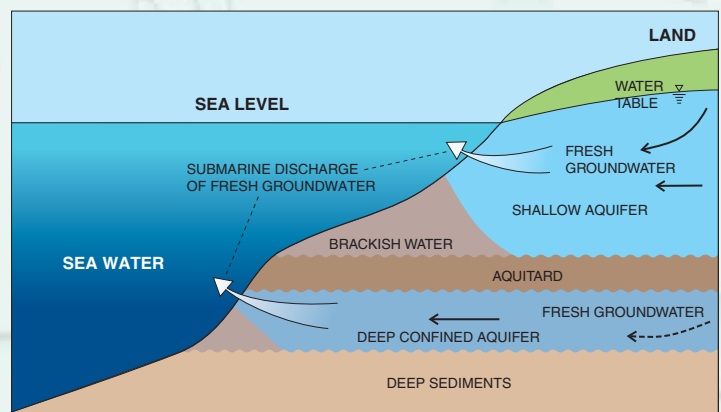


# Where does the groundwater go?

Groundwater discharges either into rivers, or into the ocean. Submarine groundwater discharge (SGD) into the sea can be a locally important freshwater resource and also a potential pathway for marine pollution. Determining relatively small fractions of groundwater discharge to the ocean presents technical difficulties using conventional techniques because of the very small volumes and spatial variability.



Submarine groundwater discharge has been estimated at a number of sites around the world using several isotopic tracers.

*Coastal manifestation of SGD, Sicily, Italy*

