

Freshwater saving by seawater use with accessory wastewater treatment advantages

Some typical headings of newspapers

- Water shortage 'could plunge the world into conflict' The Times 2010-06-06
- Yemen could become first nation to run out of water The Times 2009-10-21
- Water shortage will leave world in dire straits USA today 2003-01-23

We do have **freshwater** shortage! Only ~0.1% of global water reserves is easily accessible freshwater.

Potable water is used for waste transport mainly. Each person uses ~37L (potable) water per day for toiletflushing.



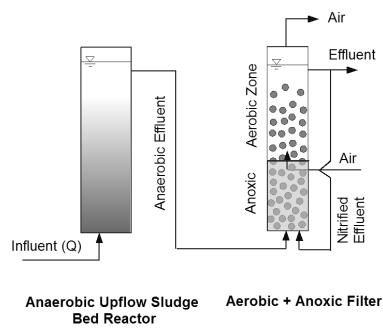
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Replace water, used for waste transportation, by **seawater!**

In coastal areas:

- seawater present abundantly
- a high population density



SANI-process: Sulphate reduction, Autotrophic denitrification and Nitrogen Integrated



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