2019

Water Management – TED Talks

ACET Global

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Ted talk documentaries

Documentary web link	Overview of the documentary
https://www.youtube.com/watch?v=nLB8A--QdHc	• According to the UN, nearly one in three people worldwide live in a country facing a water crisis, and less than five percent of the world lives in a country that has more water today than it did 20 years ago. Lana Mazahreh grew up in Jordan, a state that has experienced absolute water scarcity since 1973, where she learned how to conserve water as soon as she was old enough to learn how to write her name. • In this practical talk, she shares three lessons from water-poor countries on how to save water and address what's fast becoming a global crisis.
https://www.youtube.com/watch?v=MnTgx11eQ74	• Forbes 30under30 Entrepreneur, Hamza Farrukh, and his team at Bondh E Shams (The Solar Water Project) have developed a cost-effective and transportable solution for the global water crisis. • Their innovation, the OASIS BOX (Off-Grid Aqua Solar Integration System) provides 25 years of safe water to 2,000 people in just $10,000. Each liter of water is 3,000 times less expensive than bottled water and is delivered free of cost to vulnerable communities. • Bondh E Shams have begun work in Pakistan, Bangladesh & South Sudan and want to reach every single one of the 1.2bn people without safe water.

	• Could this be the most scalable tool in our fight against the global water crisis?
https://www.youtube.com/watch?v=N-yALPEpV4w	• Environmentalists have long promoted renewable energy sources like solar panels and wind farms to save the climate. • But what about when those technologies destroy the environment? In this provocative talk, Time Magazine “Hero of the Environment” and energy expert, Michael Shellenberger explains why solar and wind farms require so much land for mining and energy production, and an alternative path to saving both the climate and the natural environment.
https://www.youtube.com/watch?v=MpI-FKqk0Ew	Professor David Sedlak presents a solution based approach to the worsening Water Crisis on the West Coast
https://www.youtube.com/watch?v=AFO77hDGbII	• What if we could see through the crust of the earth to locate and measure precious groundwater? • It’s no longer necessary to do “exploratory surgery” on the earth, says Knight, whose team uses satellites to track fresh water. • Relying on the most sophisticated new measurement tools, Knight predicts and explains our fresh water future.
https://www.youtube.com/watch?v=3-1qxKcOSeg	• We have built our cities largely assuming that water, when not of drinking water quality and properly contained in pressurized pipes, was mostly a nuisance: something to be avoided on roadways, kept out of basements, or piped to the nearest conveyance that could carry it away as quickly as possible.

	- As a society we are rethinking these assumptions and looking more closely at the choices we make and how the actions we take affect the value of water.
https://www.youtube.com/watch?v=6KFqEmcLXk8	- Professor Tony Wong heads a $120 million research centre with research hubs based in Brisbane, Melbourne, Perth and Singapore and involving over 75 organisations across the academia/research, industry, and government sectors. He is internationally recognised for his research and practice in the sustainable urban water management, particularly in Water Sensitive Urban Design.