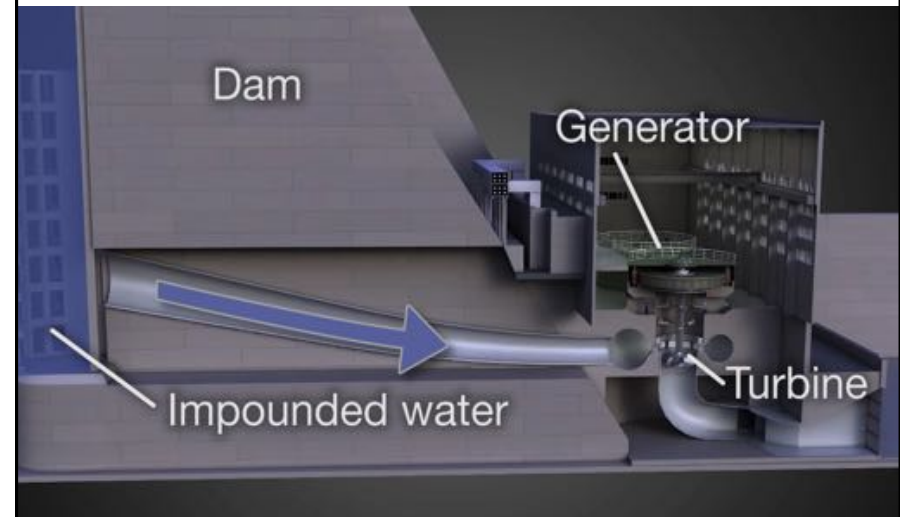


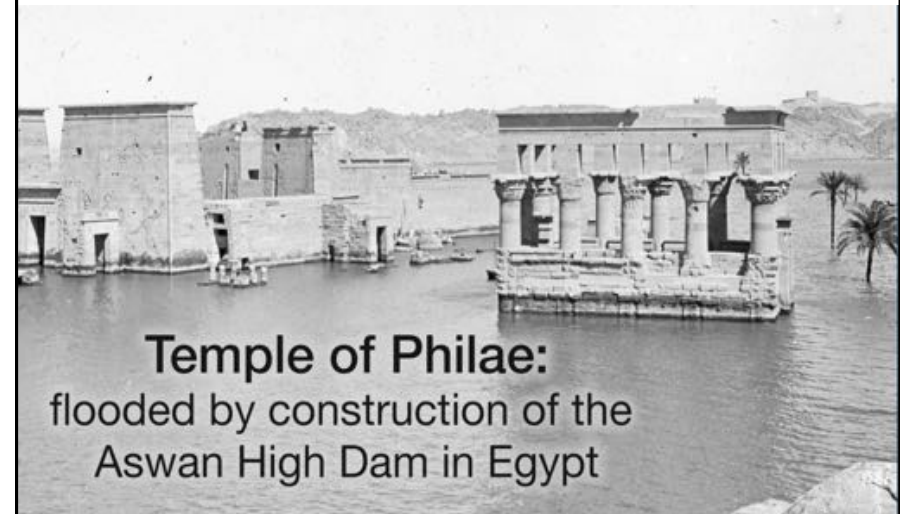
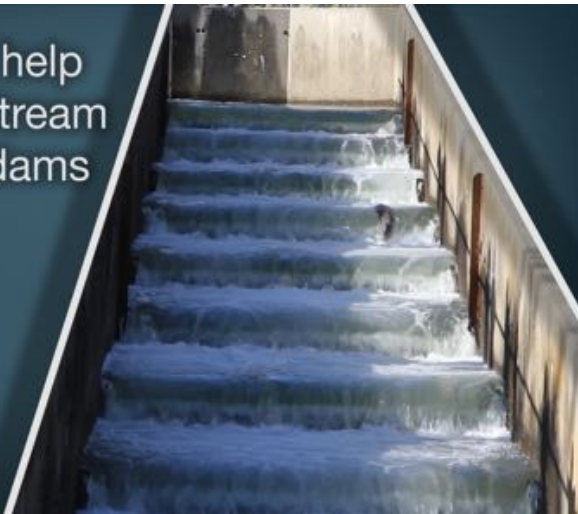
Hydro, Solar, Wind and Biomass



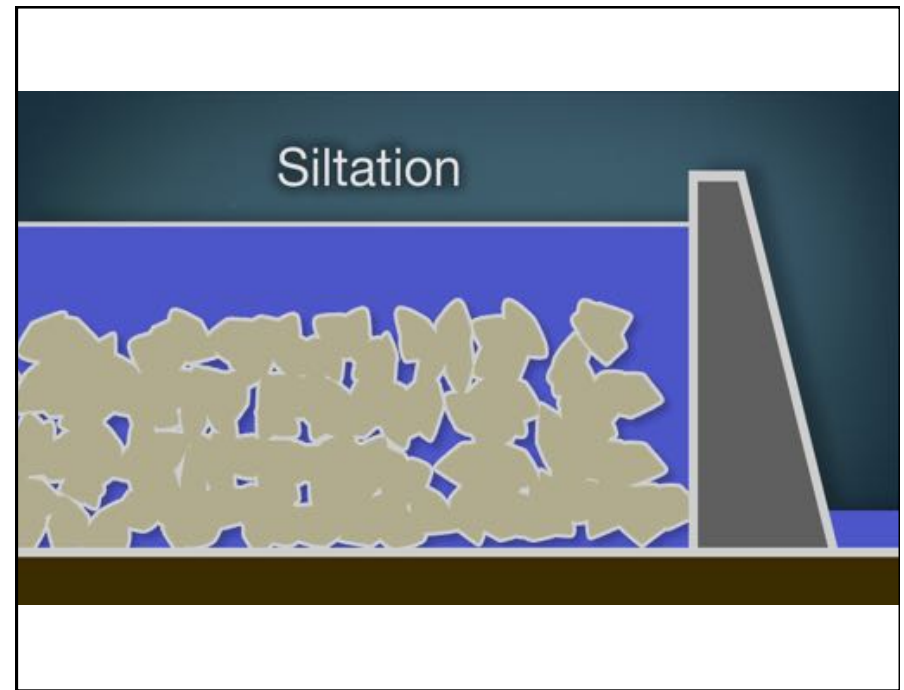
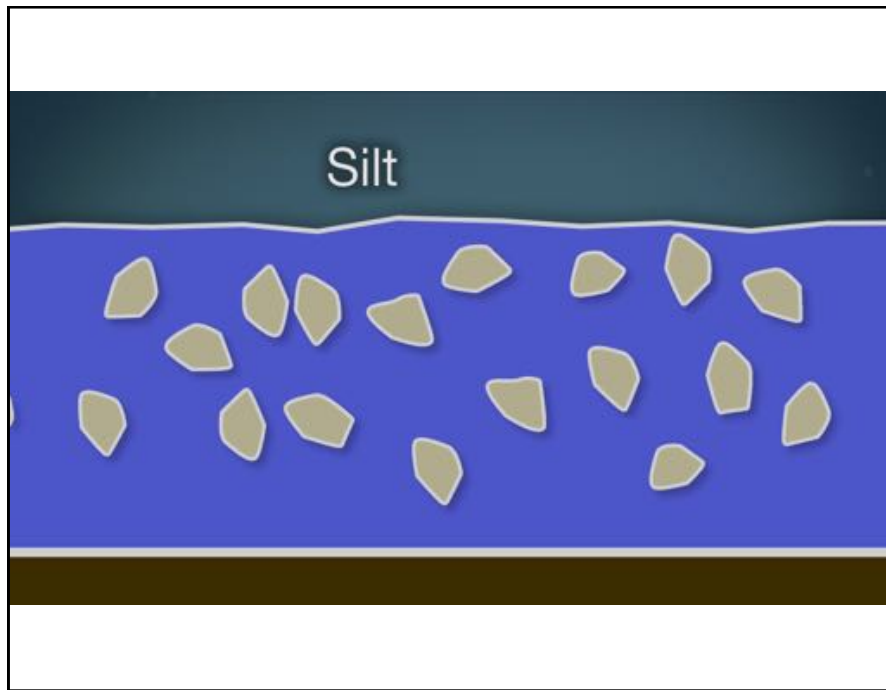
Intro to Environmental Science
DartmouthX

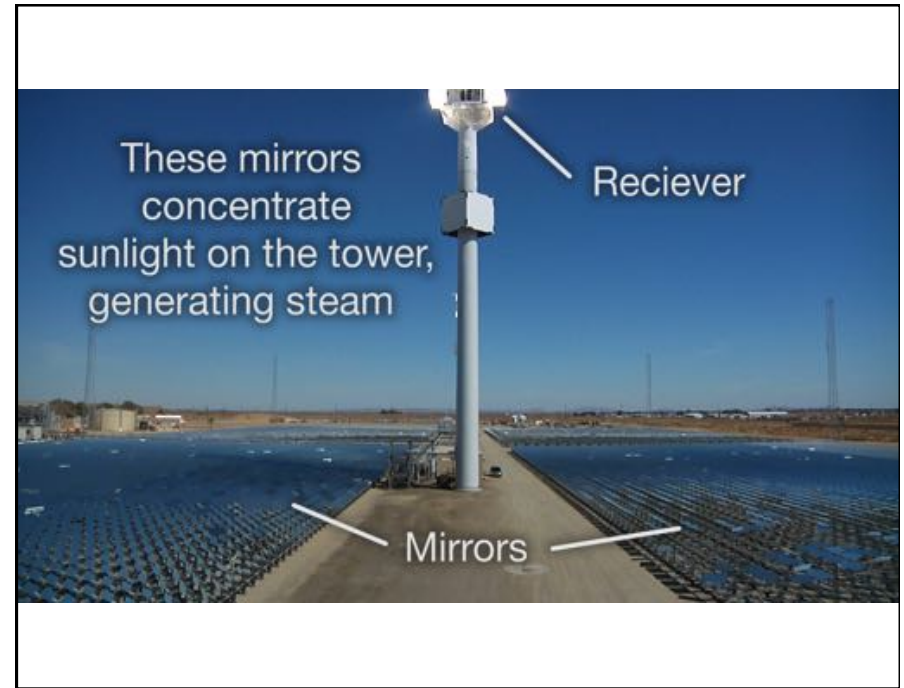


Fish ladders help
fish travel upstream
and bypass dams



Temple of Philae:
flooded by construction of the
Aswan High Dam in Egypt






Photovoltaic (PV) advantages:

- energy source (the sun) is non-depletable
- low expenses over time



Non-depletable



Solid biomass:

includes grasses and
woody vegetation such as
trees and shrubs

Biomass advantages:

- potentially renewable modern carbon energy source
- available in many locations
- eliminates waste in some cases
- requires minimal technology

Biomass disadvantages:

- releases carbon dioxide (although it is modern carbon)
- particulate matter and carbon monoxide release is harmful
- can encourage deforestation and erosion