



Coastal wetlands: what investments for what services?


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MENA FOCUS - Benefits for Ecosystems and Wetlands through the Nexus
28 August 2018, 09h00-10h30, Room: FH 307

Outline

- **coastal wetlands**
- **biodiversity & ecosystem benefits**
- **wetlands & nexus**
- **investment for benefit**

Coastal wetlands

An aerial photograph of a coastal wetland, showing a dense network of winding water channels and marshes. The water is a mix of light blue and white, while the marshes are green and brown. The overall appearance is that of a complex, interconnected water system.

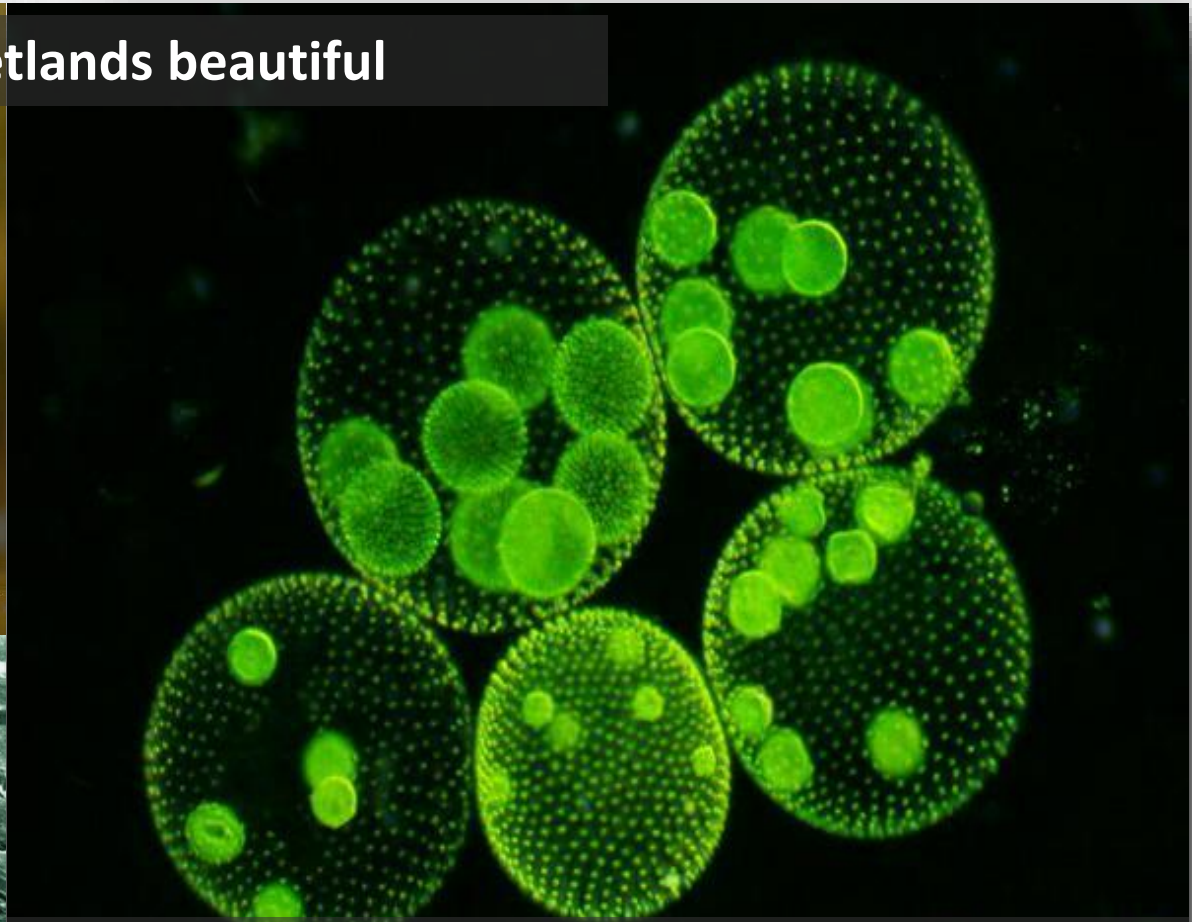
wetlands are areas of marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed six metres

Coastal wetlands



Biodiversity & ecosystem benefits

Some species make wetlands beautiful



It is the diversity that makes wetlands healthy

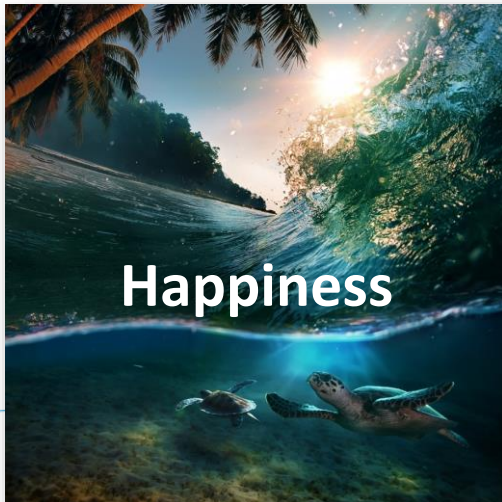
Biodiversity & ecosystem benefits

Ecosystem services are the many and varied benefits that humans freely gain from the natural environment and from properly-functioning ecosystems.

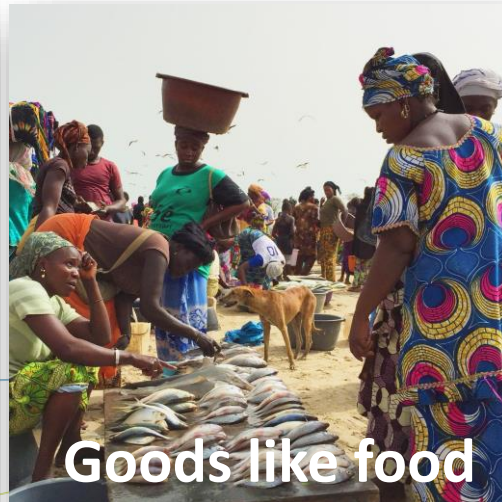
Recreational value



Happiness



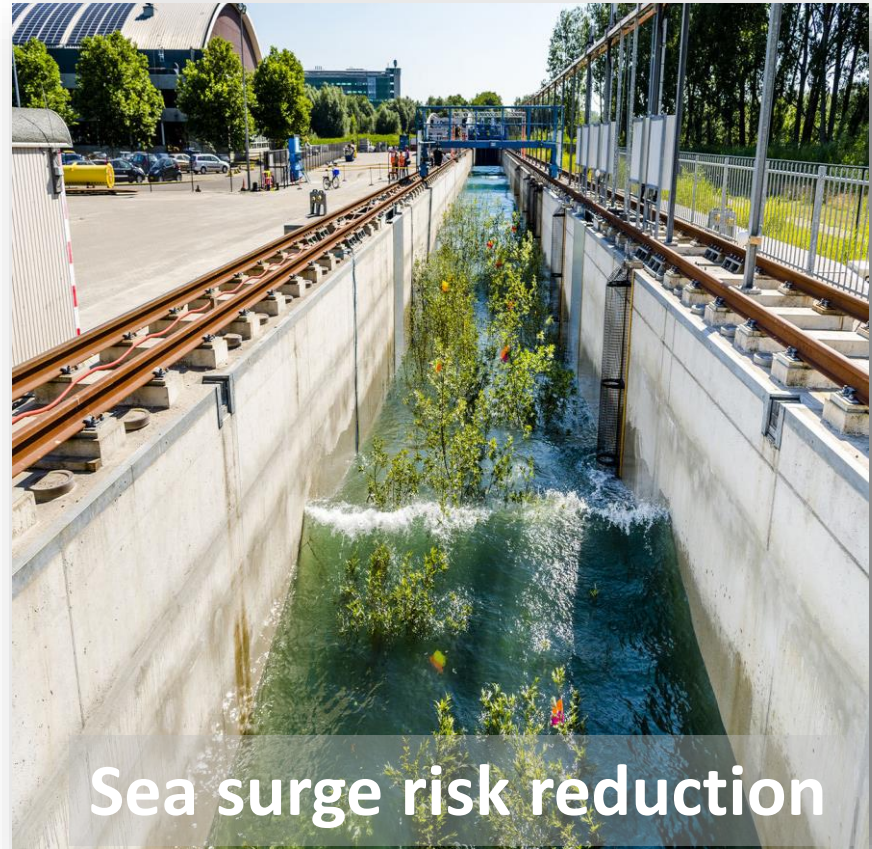
Goods like food



Biodiversity & ecosystem benefits



Fish nurseries



Sea surge risk reduction

Benefits of mangrove systems

Biodiversity & ecosystem benefits



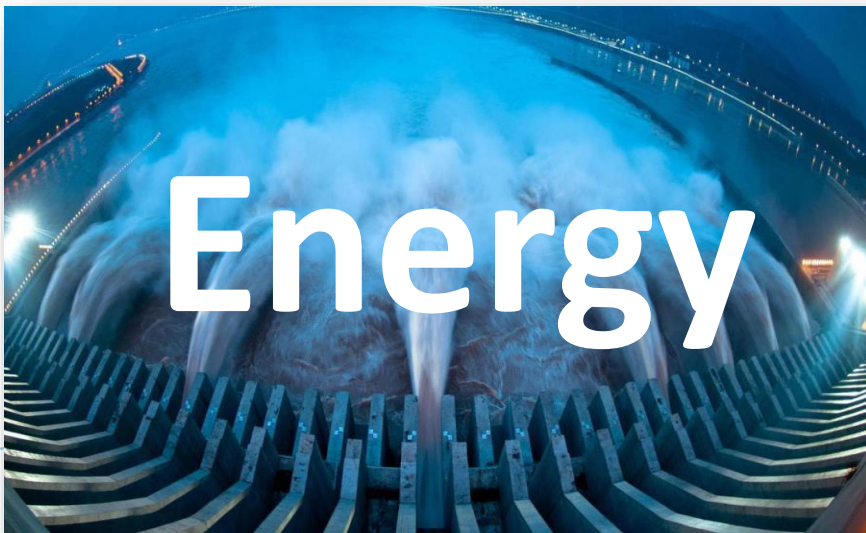
Carbon sequestration



Water purification

Benefits of freshwater wetlands like lakes and river floodplains

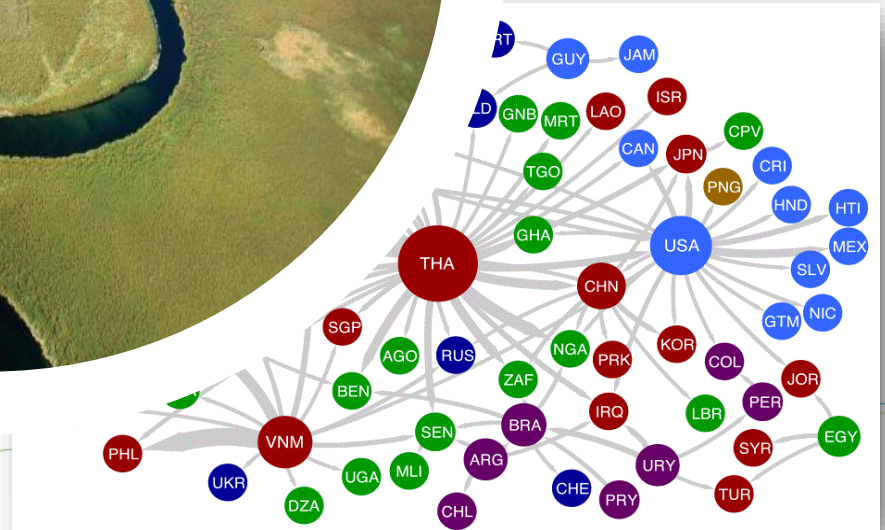
Wetlands & nexus



Wetlands & nexus



Investment for benefits



Thank you