



**Northeastern
University**



**WOODS HOLE
OCEANOGRAPHIC
INSTITUTION**

Electrochemical Ocean Iron Delivery System

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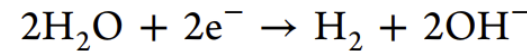
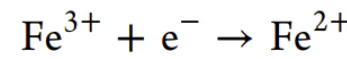
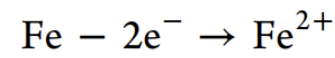
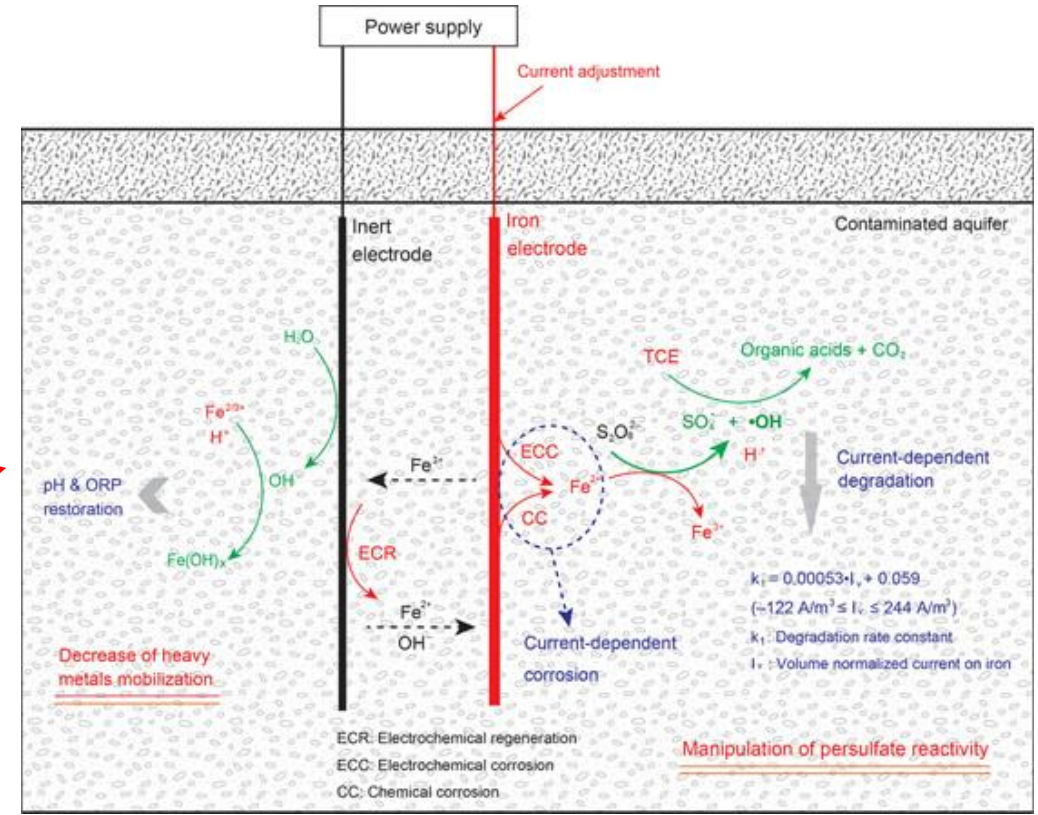
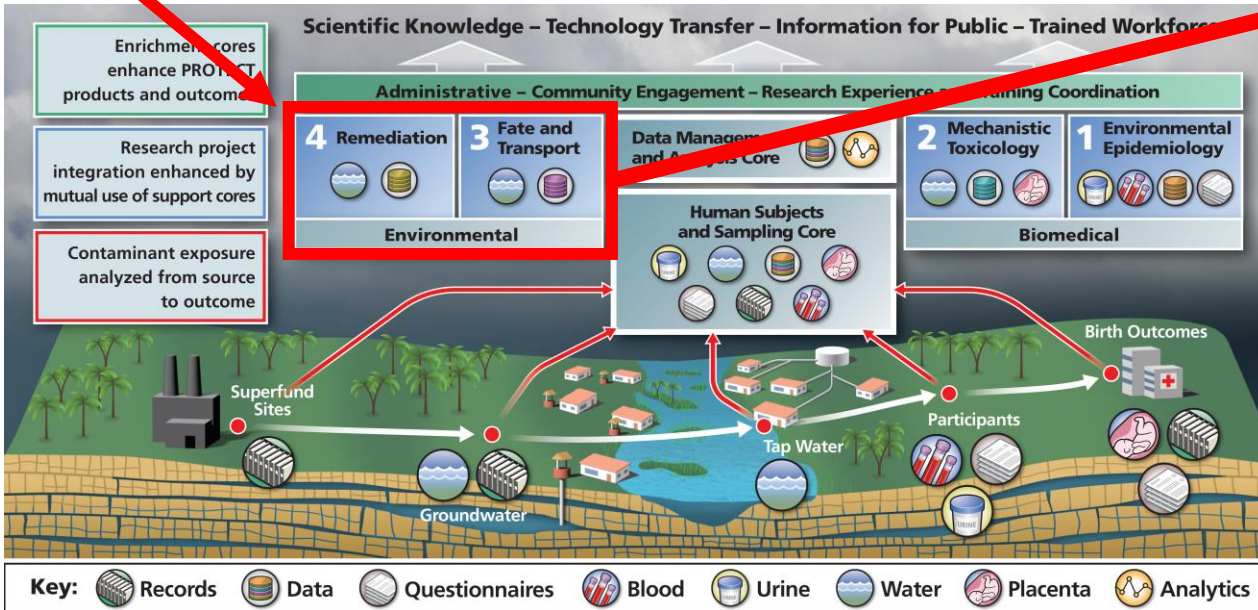


Introduction



Northeastern University

- We work on water remediation, fate and transport as part of PROTECT center.
- Over the years, our group developed electrochemical techniques for environmental applications.



Can we design a similar concept to OIF?

Songhu Yuan et al., *Environ. Sci. Technol.* 2014, 48, 1, 656-663

Electrochemical Delivery System

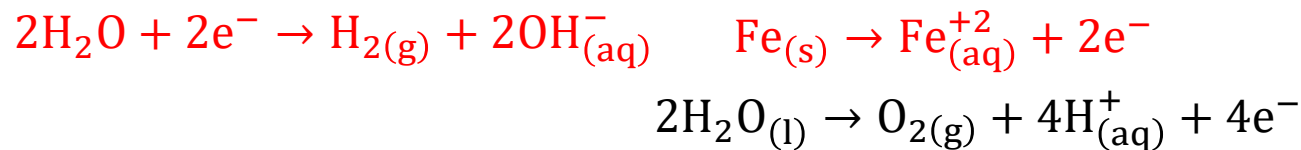
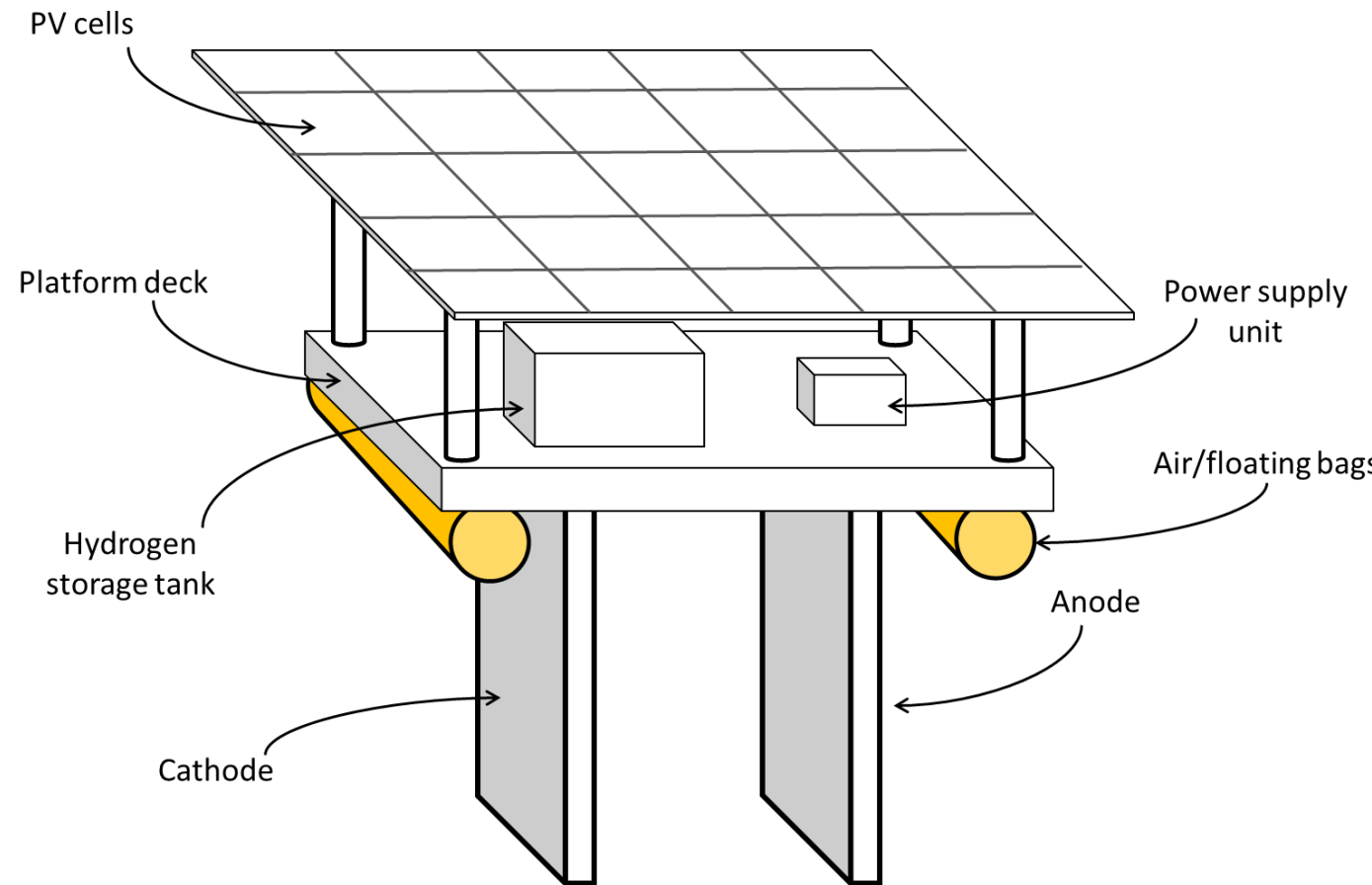
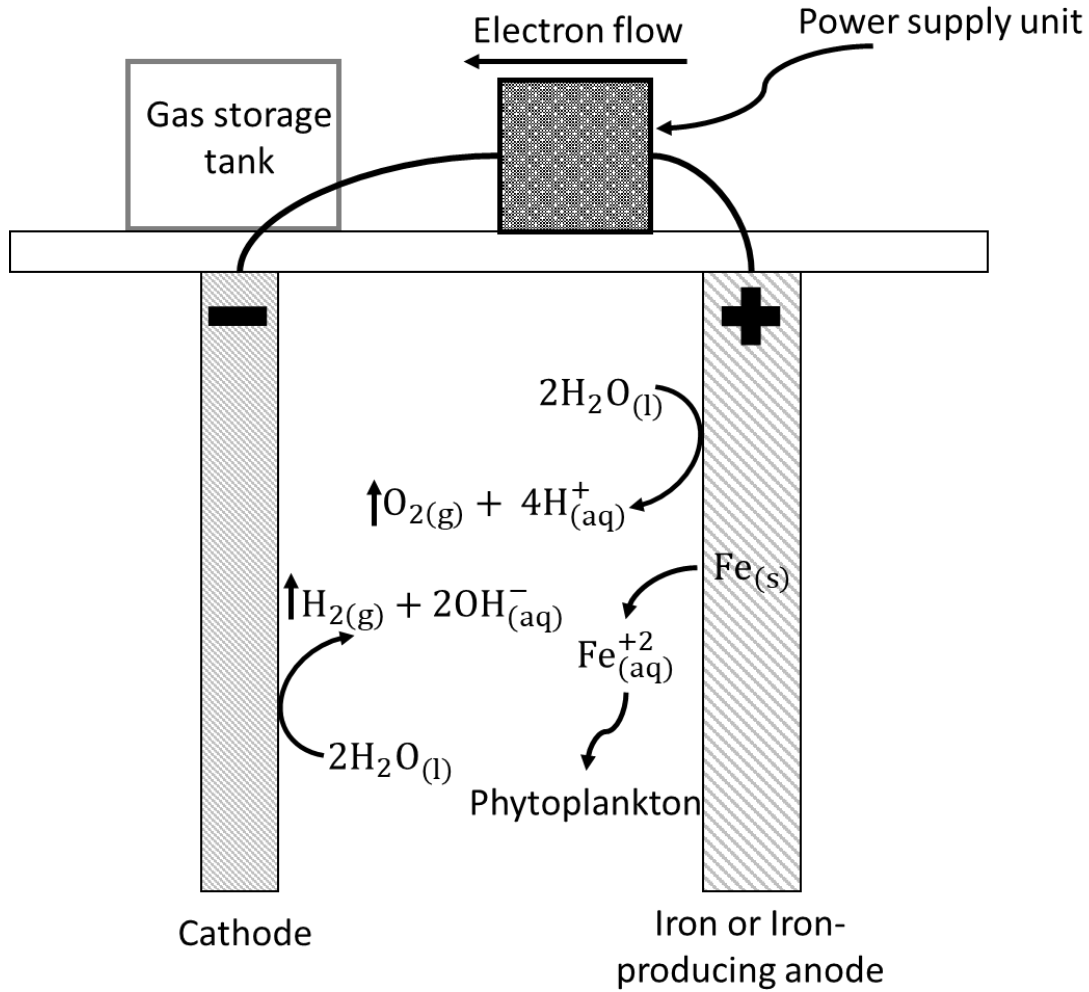


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- We need a **cost-effective**, **easy to control**, and **environmentally friendly** approach.



Simple design with powered by renewable energy!

Thank you!