

SEAMLESS project

Supergen ORE Annual Assembly

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UNIVERSITY OF
Southampton

 @B_Cerfontaine

Supergen



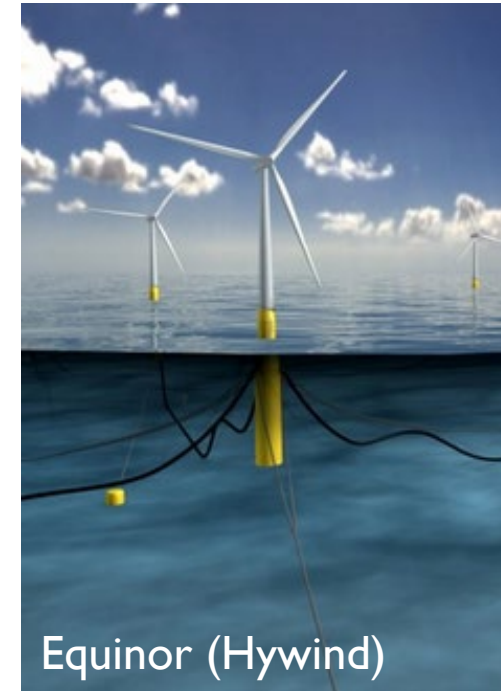
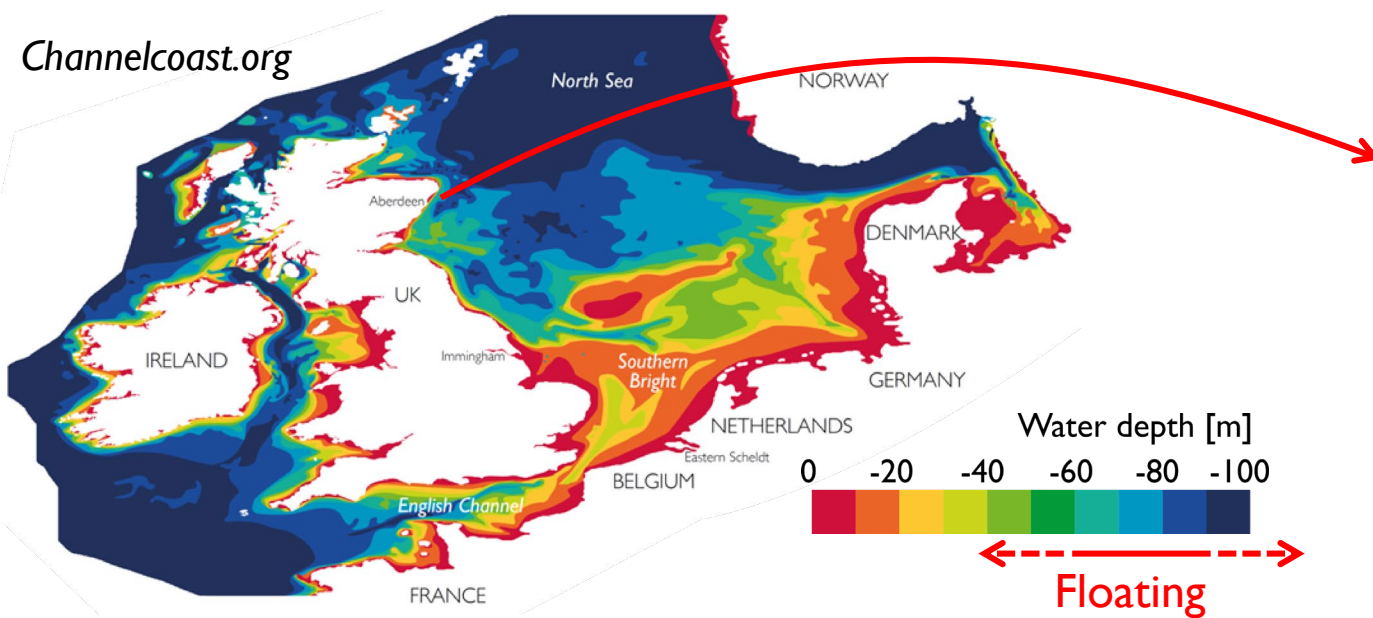
Offshore
Renewable
Energy



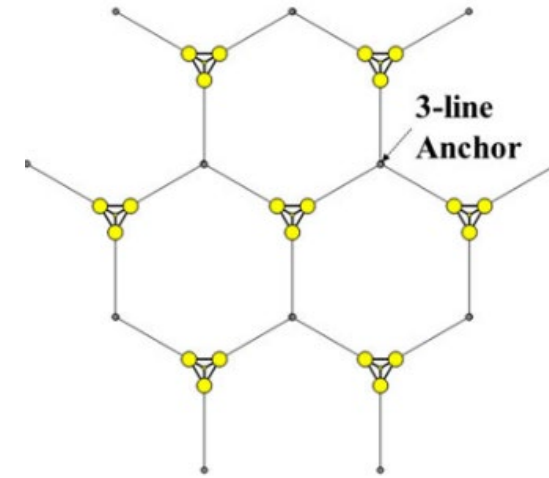
Royal Academy
of Engineering

 @SusanGourvenec

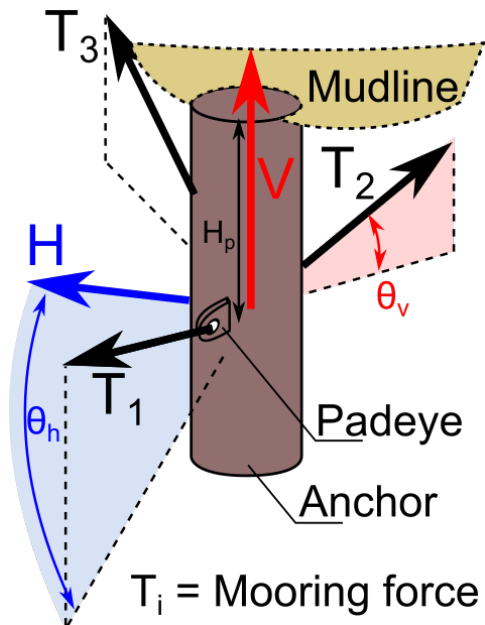
Opportunities & challenges



Shared anchors



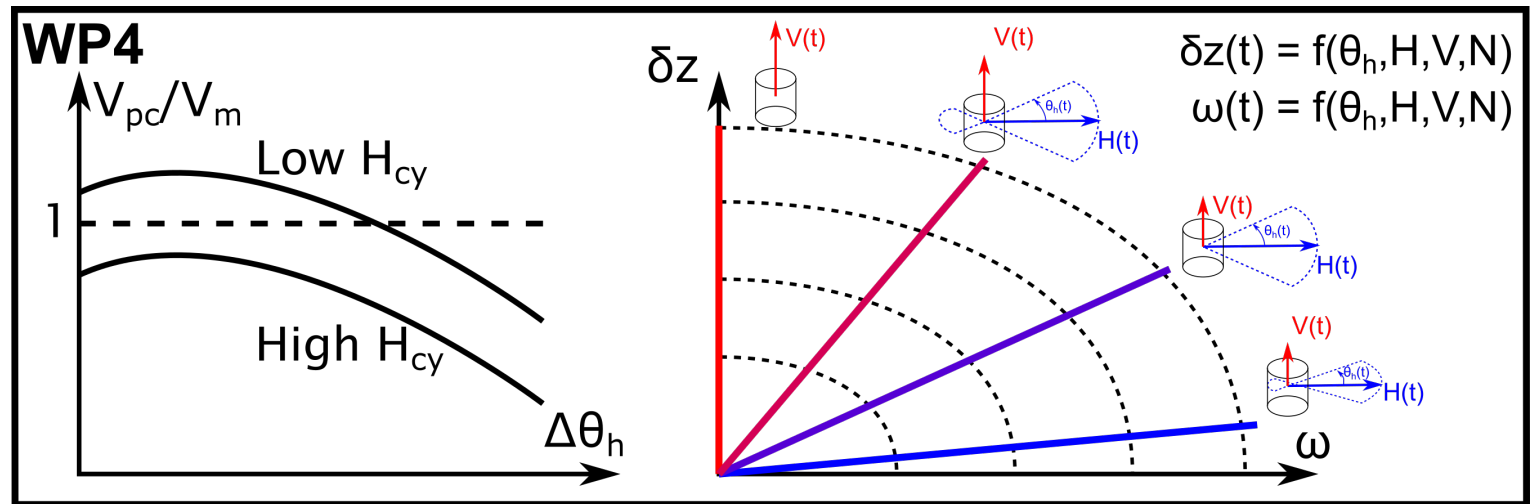
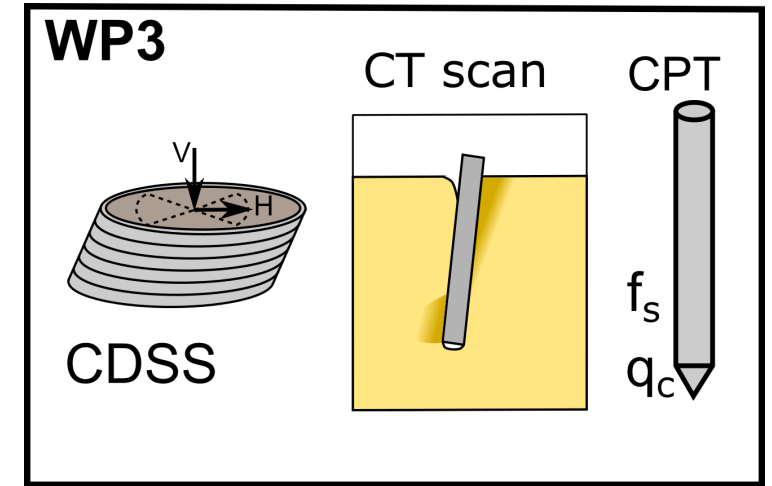
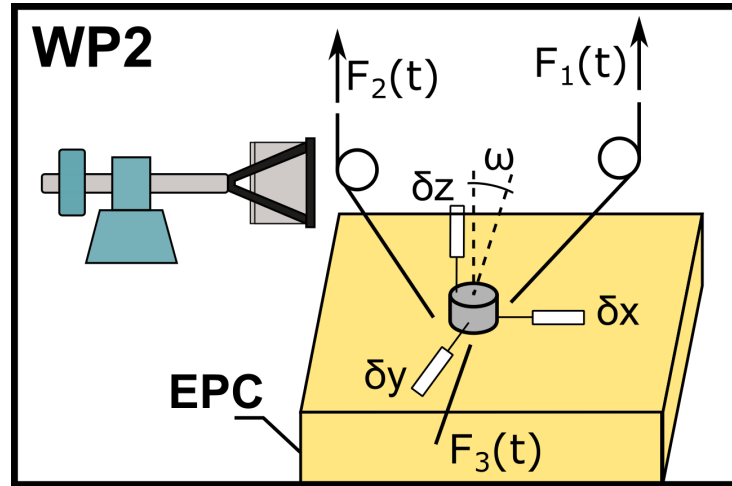
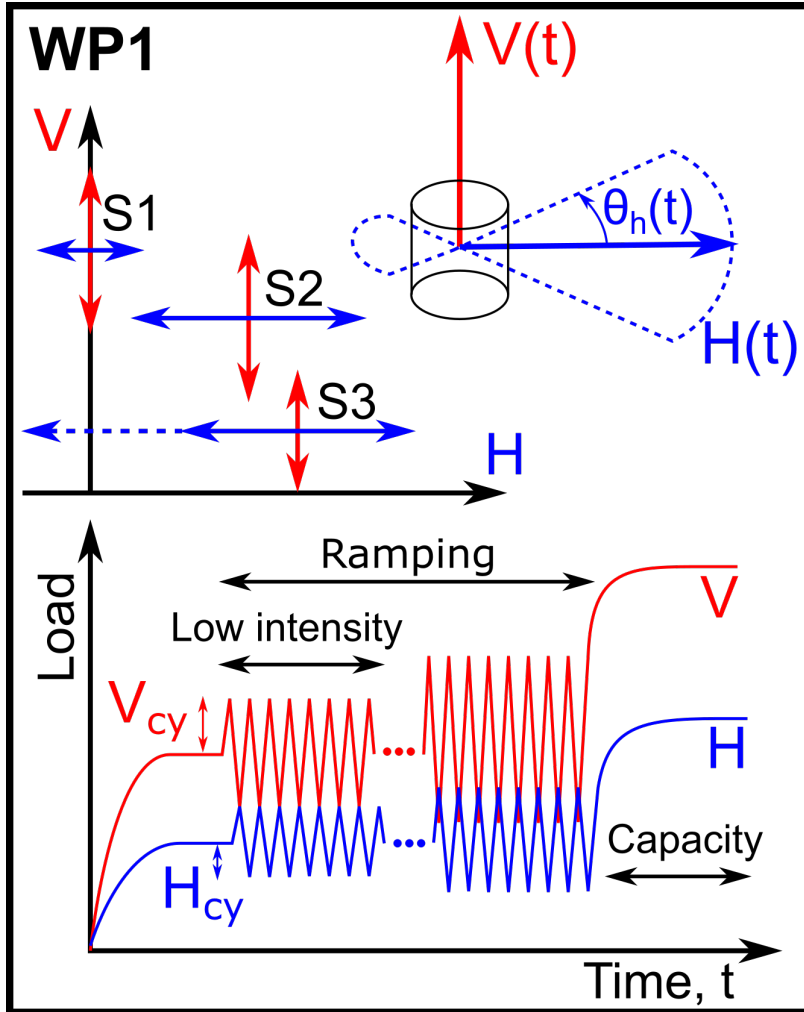
Fontana et al. (2018)



Research questions

1. What **threshold** level of **upwards cyclic load** can be sustained without ratcheting?
2. How does the stress history of **vertical-lateral load interaction** affect the capacity?

SEAMLESS summary





Prof. Susan Gourvenec,
Chair of Intelligent and
Resilient Ocean Engineering



Reach out if you want to know the project progress:

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<https://www.southampton.ac.uk/iroe/projects/seamless.page>