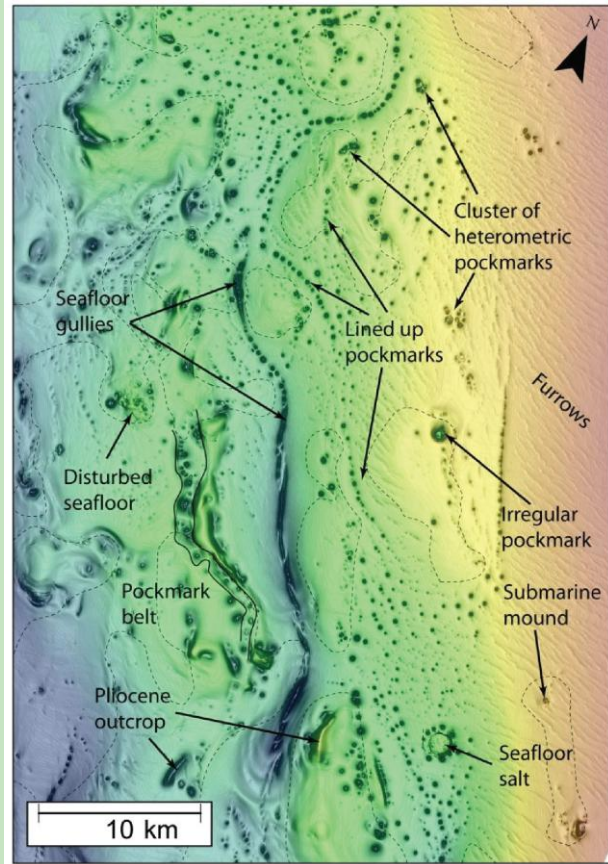


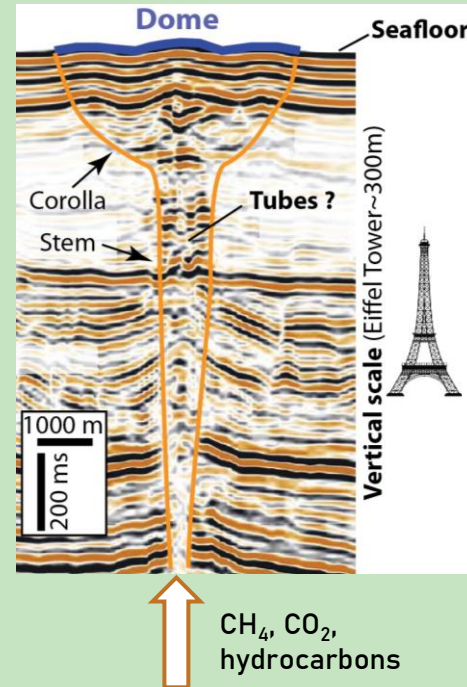
GEOPHYSICAL OBSERVATIONS

Seafloor fluid leakage



[Jatiaux et al., 2019]

[Dumke et al., 2024]



Quasi-periodic fluidization at an immersed granular interface

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IMPLICATIONS

Climate changes

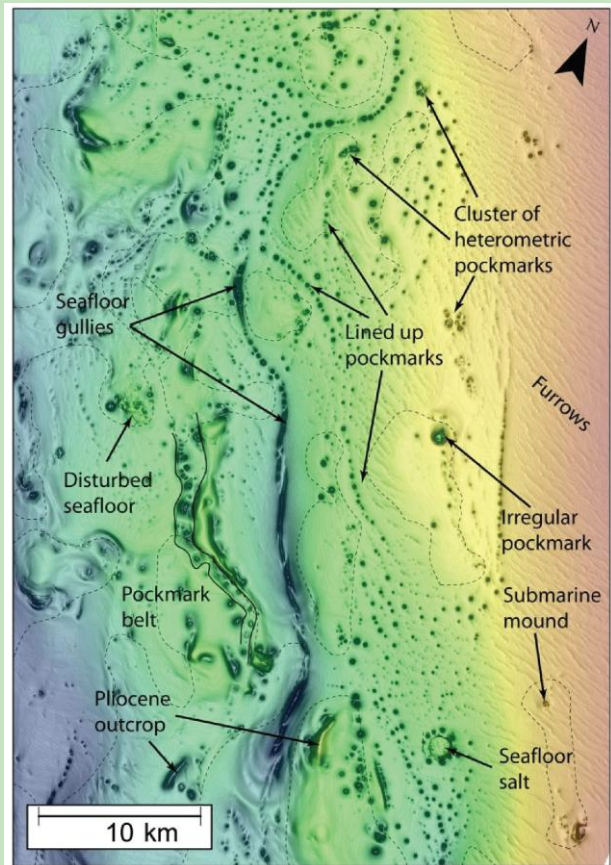


Offshore resources



Telecommunications

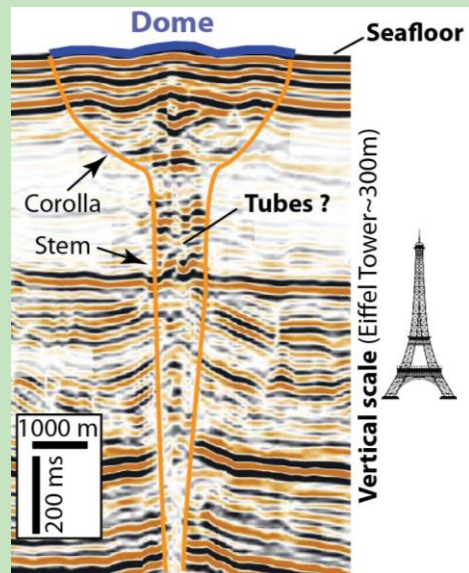
GEOPHYSICAL OBSERVATIONS



[Jatiaux et al., 2019]

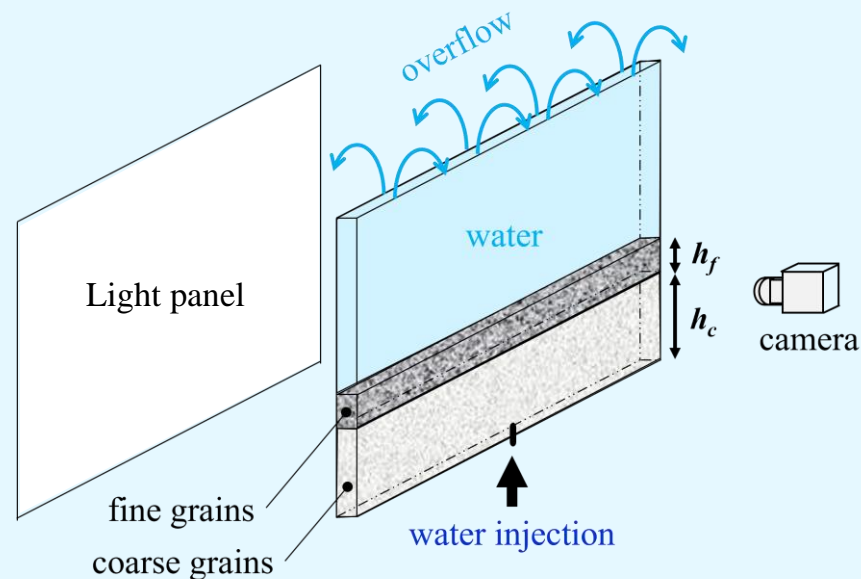
Seafloor fluid leakage

[Dumke et al., 2024]



CH₄, CO₂, hydrocarbons

PHYSICAL MODELING



- Influence of interfaces on fluid migration?
- Generation of a periodic pattern!

Come and see my poster !

IMPLICATIONS

Climate changes



Offshore resources



Telecommunications

CAMILLE PORCEILLON, Quasi-periodic fluidization at an immersed granular interface