



# Potential WHOI-CAGE collaboration for Alvin in the Arctic



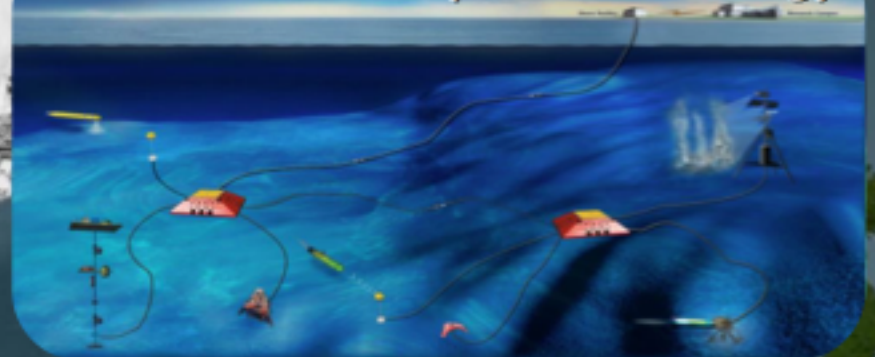
## Environment and Climate



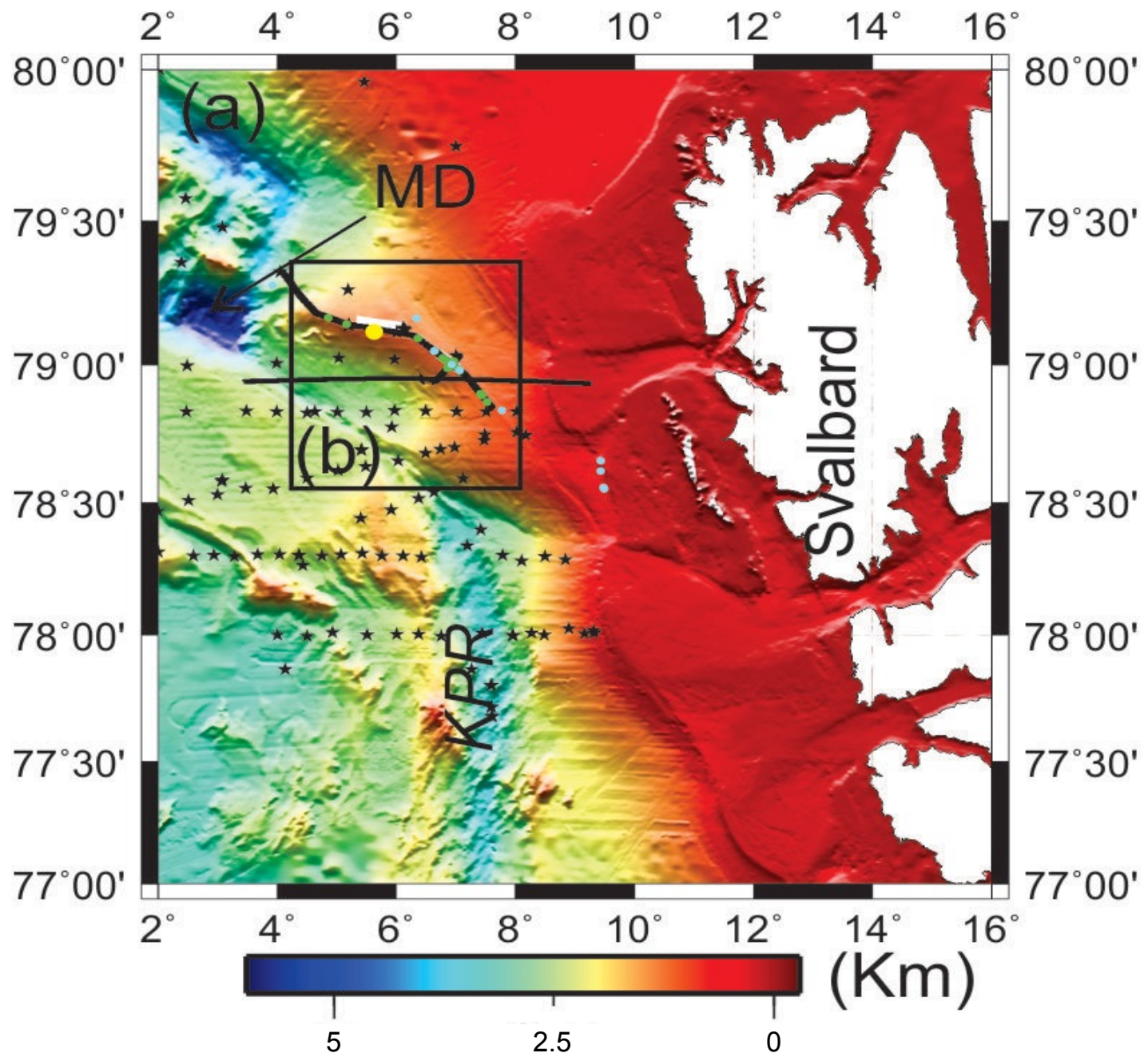
**Methane exists in the Arctic as gas hydrate and free gas**

**But, their distributions and amounts as well as release rates are unknown and will vary in time and space**

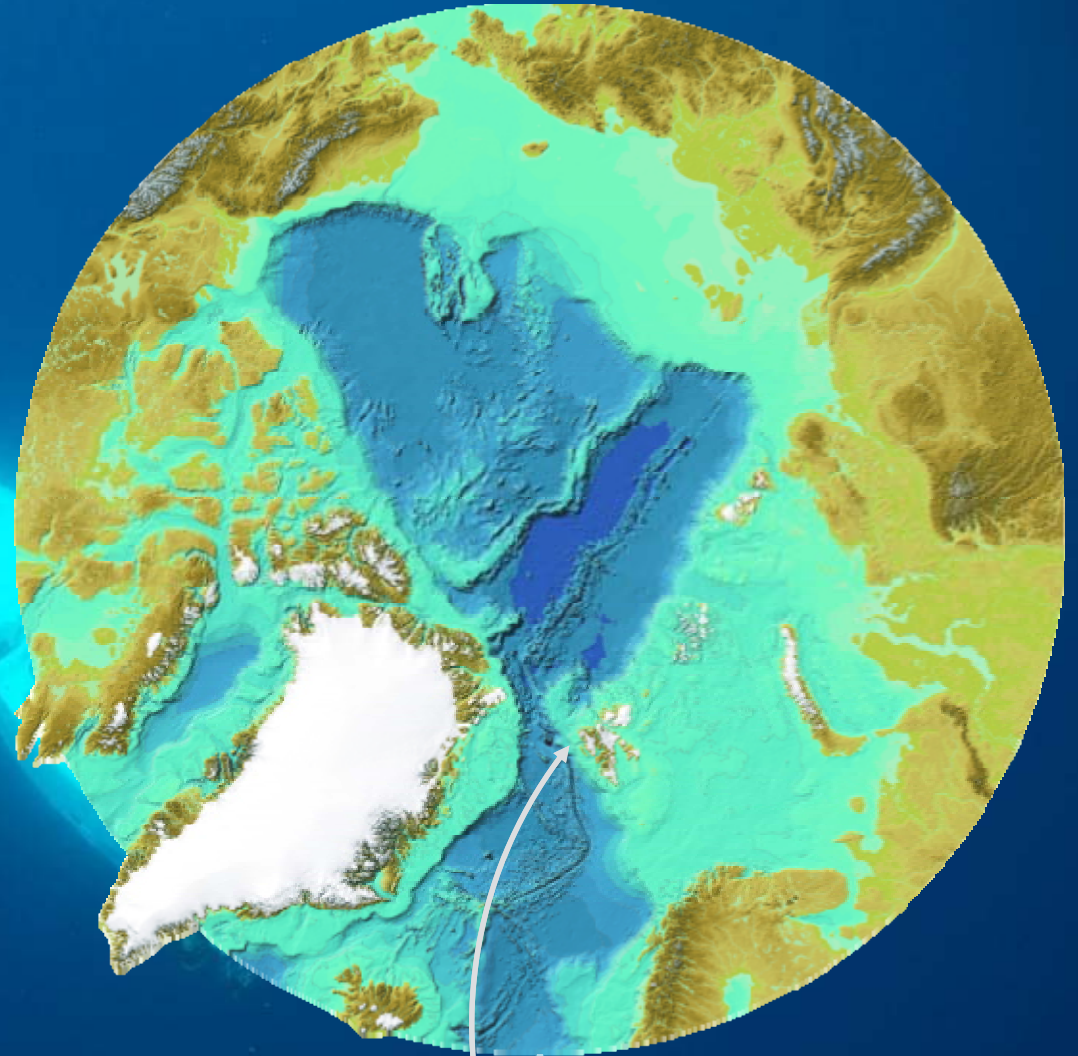
## Subsea and atmosphere technology







Jurgen Mienert



Dive site at  $\sim 80^{\circ}\text{N}$ ,  
west of Svalbard