

# Cross Cutting Topics

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# Digital Twins

Improving Ocean Management  
Mitigating Climate Risks  
Disaster Management  
Decision Support Tools

# Automation

Improving Observations  
Optimizing Maritime Operations  
Surveillance and Security

# Circular Economy

Pollution reduction  
Sustainable activities  
Innovation

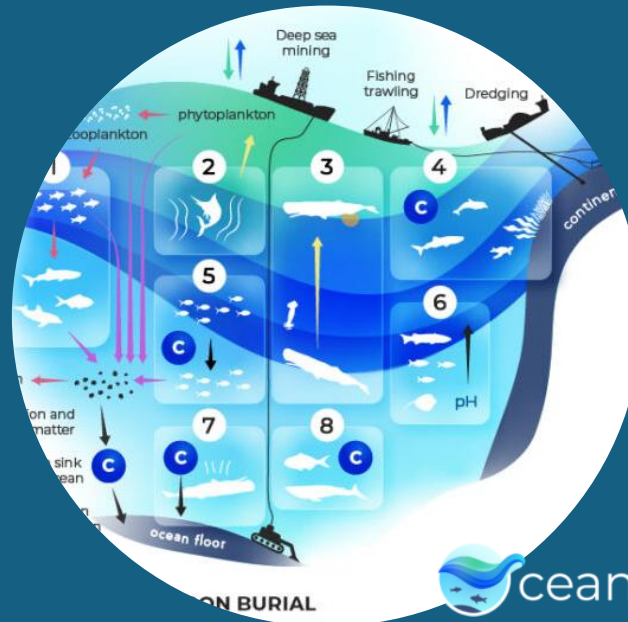
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## StrathE2E

marine end-to-end ecosystem model



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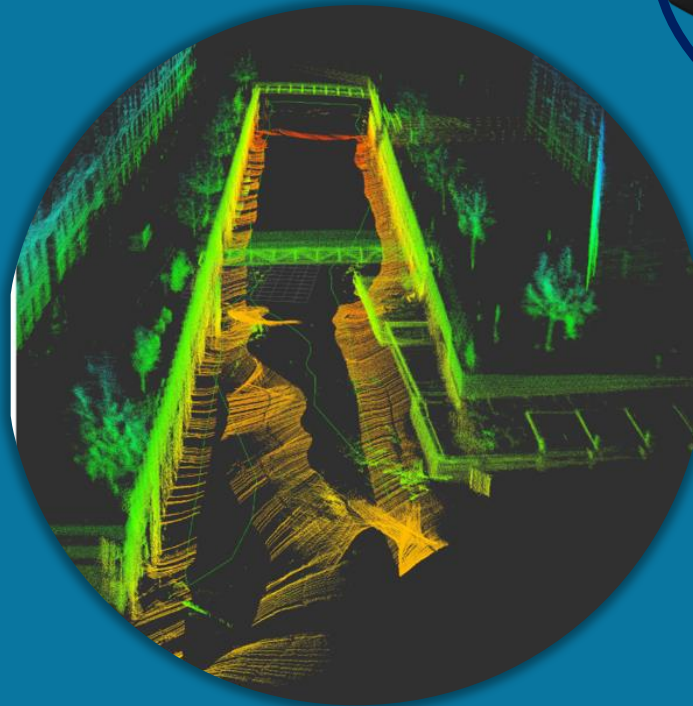
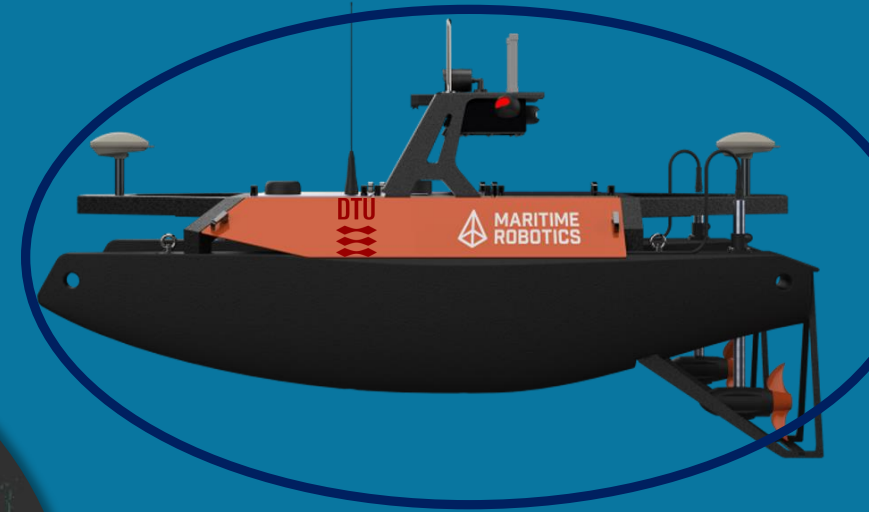
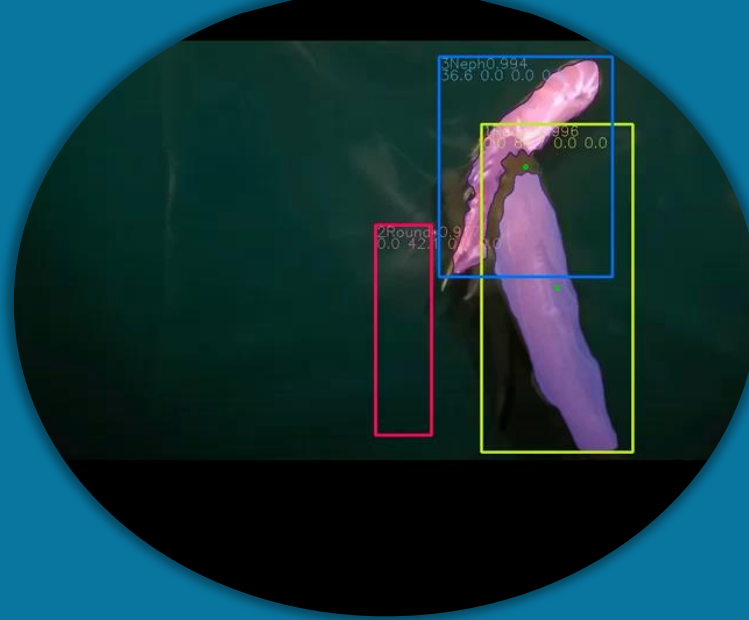
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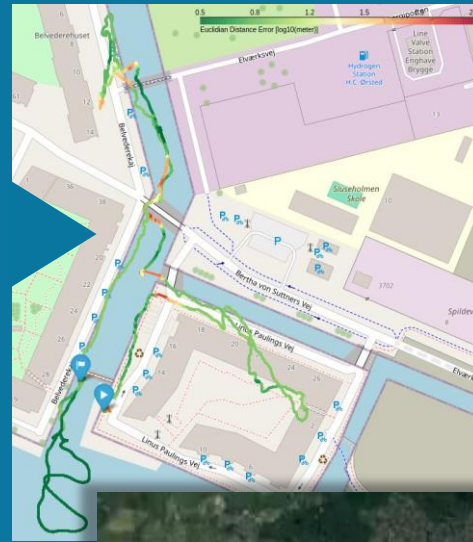
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