



What Can We Do with 'A Predicted Ocean'? Applications and Opportunities

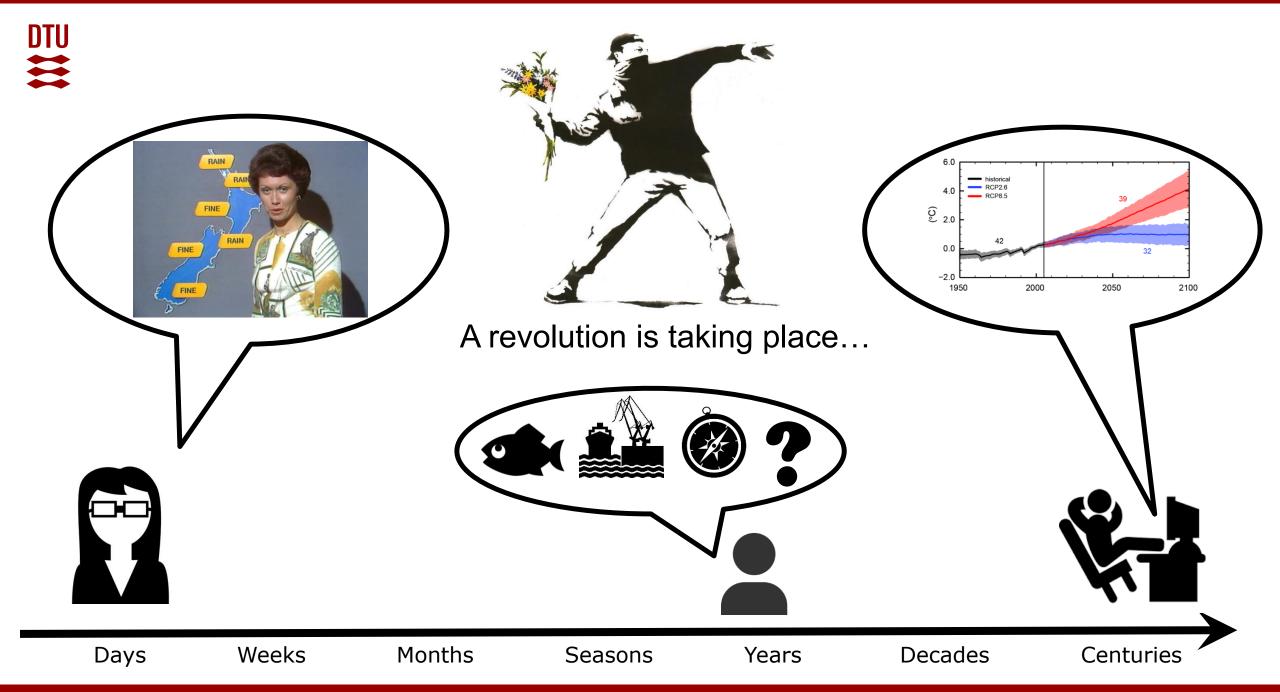
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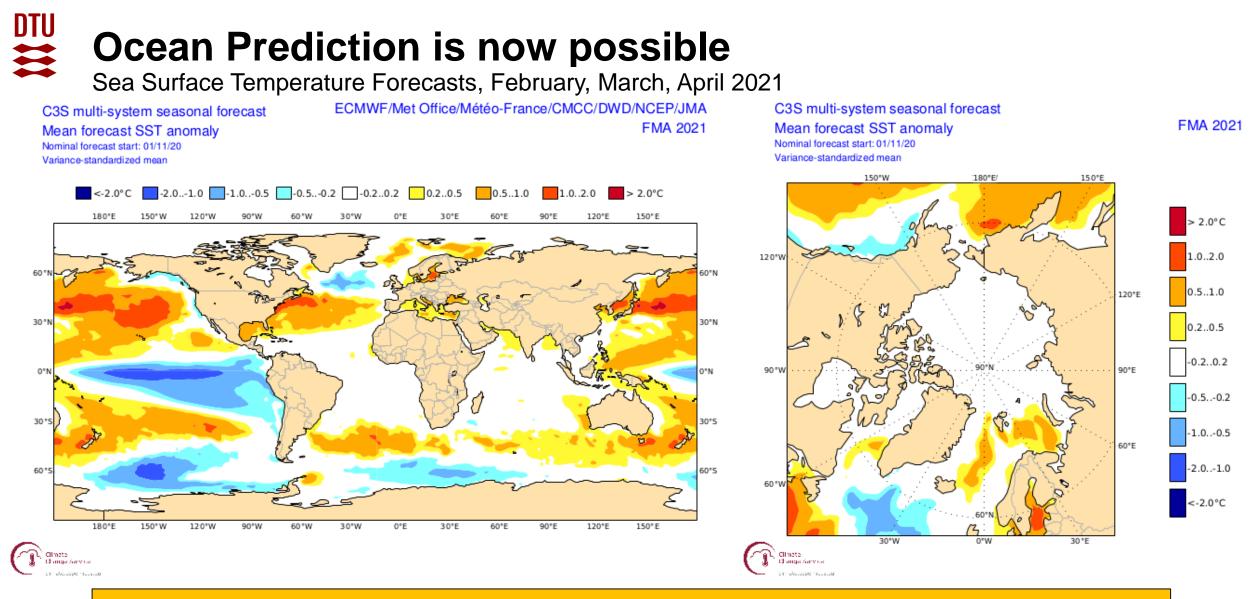






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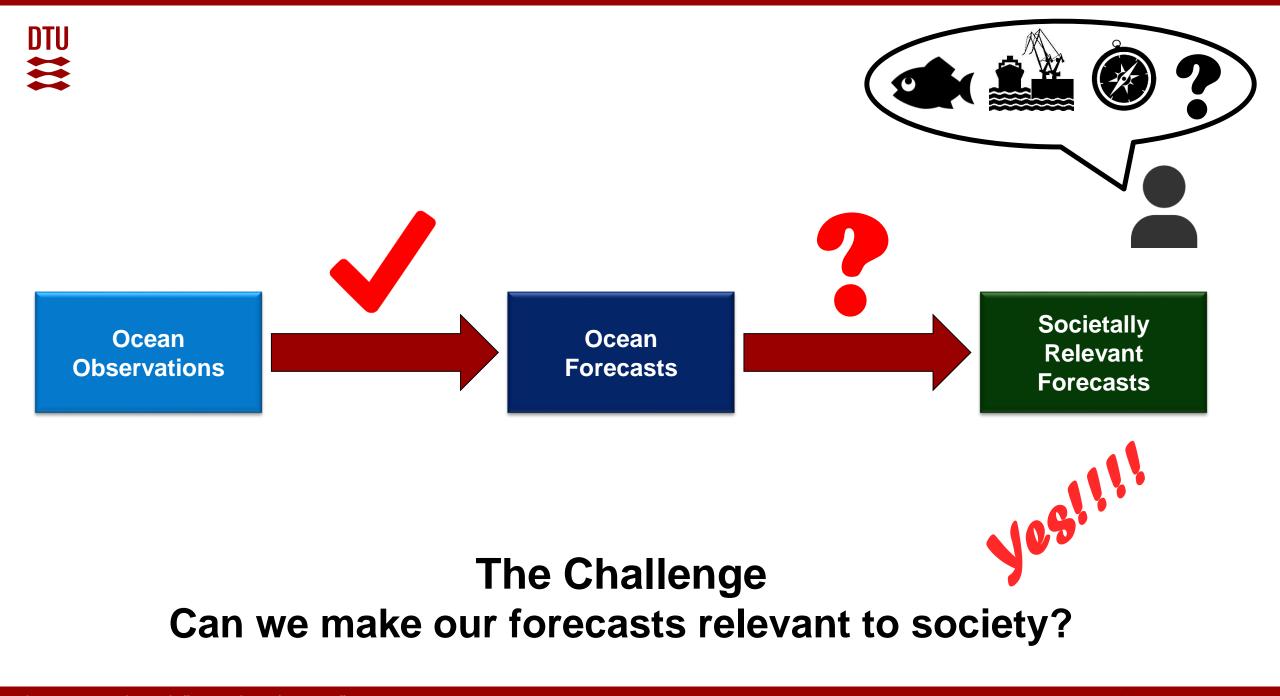
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Can make skillful forecasts up to 10 years ahead North Atlantic is the most predictable ocean on the planet

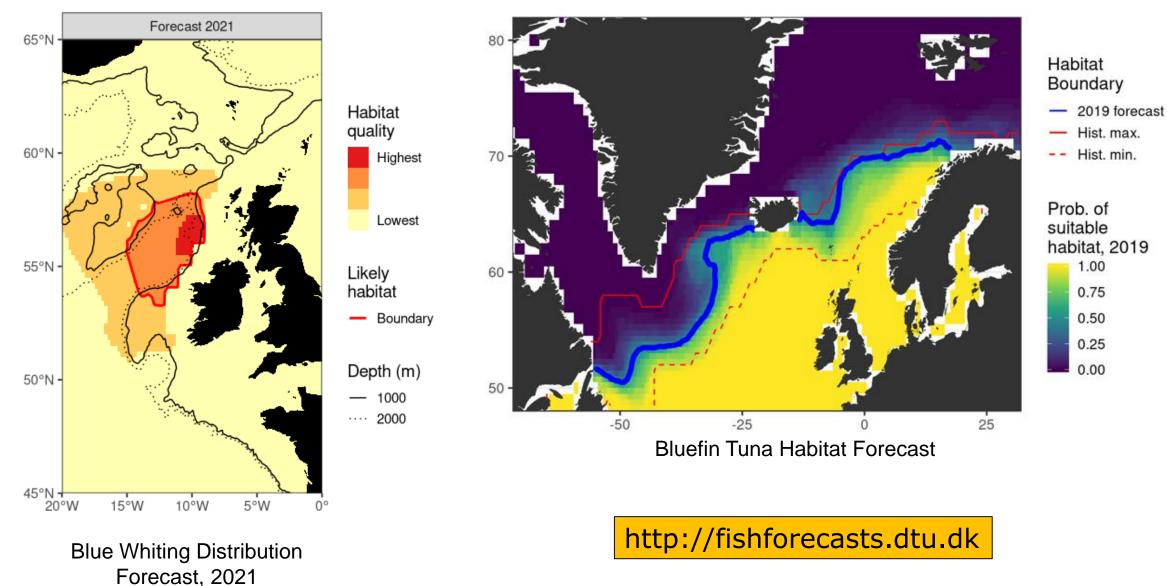
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What can we do with "A Predicted Ocean"?

Marine ecological forecasts and climate services



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UN Decade of Ocean Science for Sustainable Development

- A clean ocean
- A health and resilent ocean
- A predicted ocean
- A safe ocean
- A sustainably harvested and productive ocean
- A "transparent and accessible" ocean

Action Plan for Arctic Region currently under development

The United Nations Decade of Ocean Science for Sustainable Development (2021-2030)

The Science

We Need for the

Ocean We Want



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What can we do with "A Predicted Ocean"?

Strike the balance between what is *feasible* and what is *useful*





Users are the judge of whether a forecast has value

What can we do with "A Predicted Ocean"?



Collaboration is needed right from the start

What can we do with "A Predicted Ocean"?

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What Can We Do with 'A Predicted Ocean'?

We can predict the Ocean

We can predict biological responses

But only users determine whether a forecast is useful

We need society to guide us



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Arctic Impact on Weather and Climate

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