

WHAT WILL CHANGES IN THE MARINE **ECOSYSTEM AND NORWAY'S ADAPTATION** TO CLIMATE CHANGE LOOK LIKE?

We use data to develop bio-geochemical models to predict plausible future scenarios of marine ecosystem services between Bergen & Longyearbyen



SCENARIOS

We use these scenarios to determine & measure important ecosystem services like provisioning & social-cultural services with a focus on commercially important fish species, potentially emerging species like snow crab & conditions for shipping & tourism



DIALOGUES with Young & Old

We discuss & receive feedback on these scenarios fro 3 generations of Norwegians





We apply an interdisciplinary framework to analyze the following questions:

How do scientists present these scenarios? How do they present & analyze the uncertainty?

How do the different generations of stakeholders receive the scenarios? Does this differe inter-generationally or intra-generationally? How do they analyze & discuss uncertainty?

Given this analysis, what are insights that could strengthen adaptation planning & decision making for Norway?

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REGIMES PROJECT PARTNERS:

OR ØKONOMISK FORSKNING AS Or economics research at NTNU







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REGIMES: Interdisciplinary investigation into scenarios of national & international conflicts of ecosystem services in the Svalbard Zone under a changing climate in the Arctic

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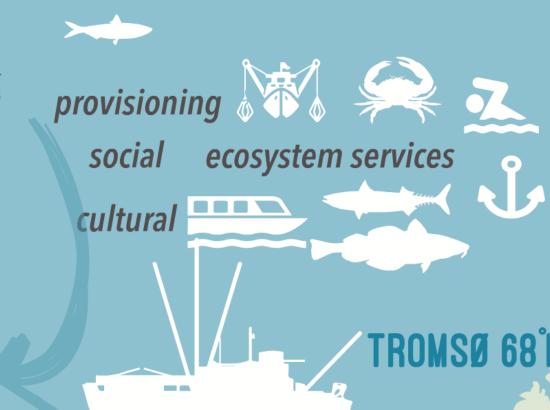


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