

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

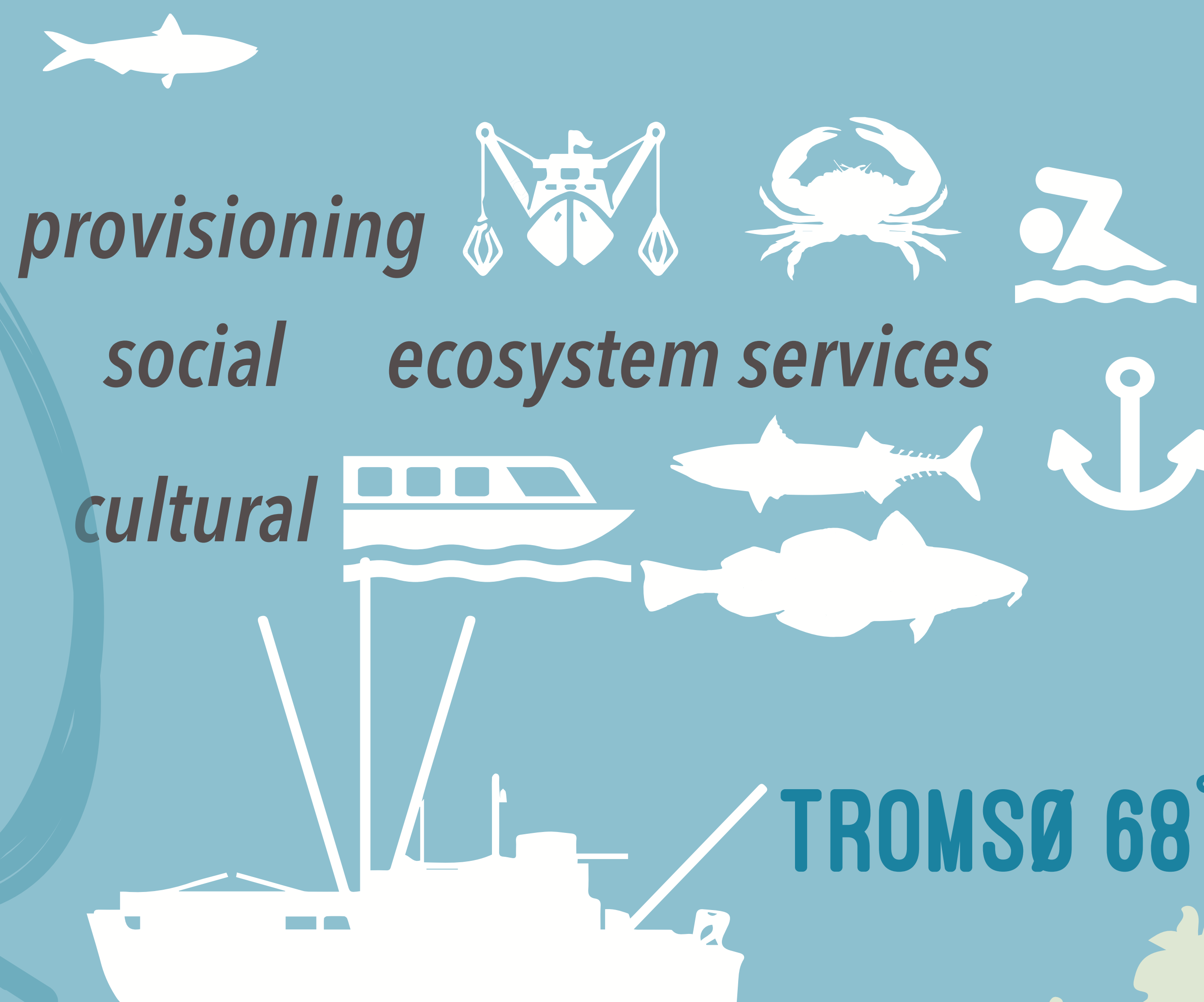
● **LONGYEARBYEN 78°N**

MODELS

We use data to develop bio-geo-chemical 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



● **TROMSØ 68°N**

DIALOGUES with Young & Old

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



AMALIE SKRAM VGS



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?

● **TRONDHEIM 63°N**

REGIMES PROJECT PARTNERS:



SENER FOR ØKONOMISK FORSKNING AS
CENTER FOR ECONOMICS RESEARCH AT NTNU



THE
UNIVERSITY OF
BRITISH COLUMBIA



● **BERGEN 60°N**



REGIMES (2016-2019) is funded by POLARPROG



The Research Council of Norway

