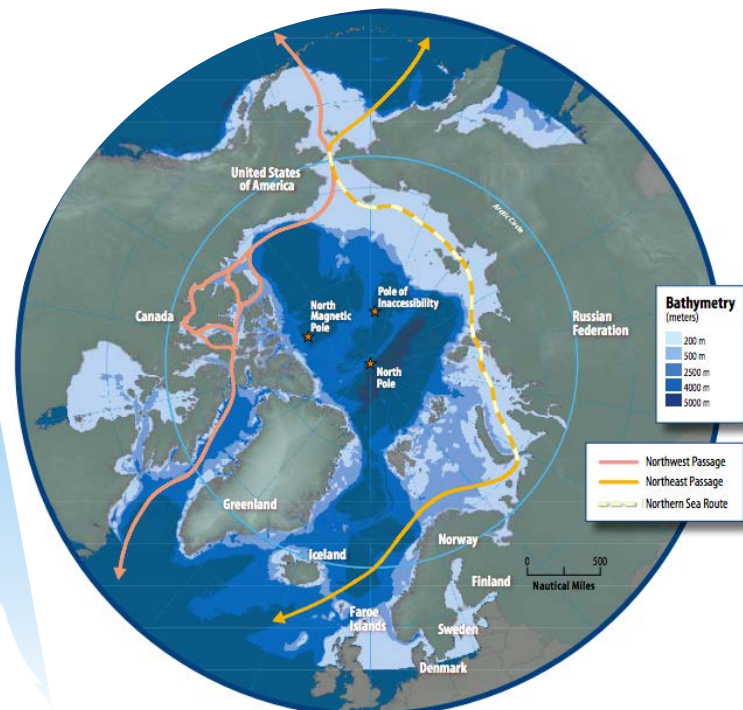
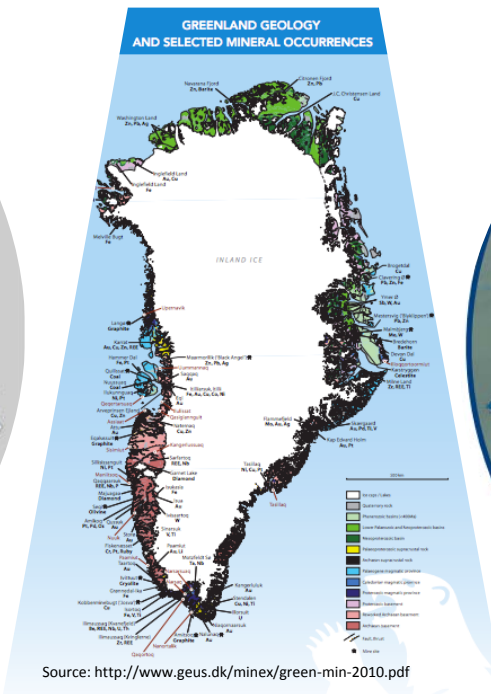
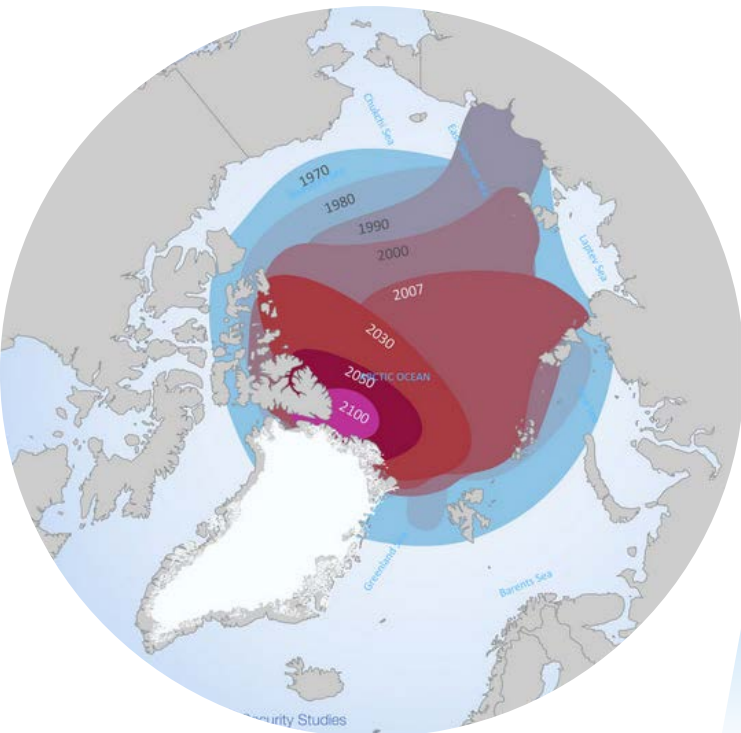


Economic Valuation of Resources in a Melting Arctic



ABOUT

- Research Assistantship Program (Earth Institute); RA Francesca Audia; Advisor Tanya O'Garra
- Goal: Review studies that address key ecosystem goods and services in the Arctic with the aim to establish the quantity, distribution, and economic value, both in the present and projected into the future, given various scenarios of climate change

PRELIMINARY RESULTS

- Minerals: Vast wealth of resources, many untapped, geological mapping limited. Further research needed, but potential to unlock enormous economic potential, associated with environmental and geopolitical risks
- Shipping: Increased shipping routes & feasibility with increasing melt. Will benefit tourism, natural resource extraction, fishing industry, and more. Economic benefits, but costs to environment, arctic marine life, human health, etc.