

A Security Threat Assessment of Global Climate Change

February 24, 2020

[#ClimateSecurity](#)

Materials: www.climateandsecurity.org

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www.eesi.org/022420security

THE CENTER FOR CLIMATE AND SECURITY



EESI
Environmental and
Energy Study Institute

- The **Center for Climate and Security (CCS)** is a non-partisan policy institute with a team and distinguished Advisory Board of military and security experts, and the only institution exclusively focused on the intersection of climate and security.
- The **Environmental and Energy Study Institute (EESI)** is a bipartisan non-profit organization dedicated to promoting environmentally sustainable societies. EESI believes meeting this goal requires transitions to social and economic patterns that sustain people, the environment and the natural resources upon which present and future generations depend.

Climate and Security in an Era of Great Power Competition and Global Disruption

January 29, 2020

Sherri Goodman

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Senior Strategist, Center for Climate & Security

Founder, CNA Military Advisory Board (MAB)

Climate and National Security

CNA

National Security and the Threat of Climate Change (2007)



- Projected climate change poses a **serious threat** to America's national security
- Climate change acts as a **threat multiplier** for instability in some of the most volatile regions of the world
- Projected climate change will add to **tensions** even in stable regions of the world
- **Climate change, national security, and energy dependence** are a related set of global challenges



National Security
and the
Accelerating Risks
of Climate Change

CNA Military Advisory Board
May 2014

Major Climate Change Security Documents

2008

2009

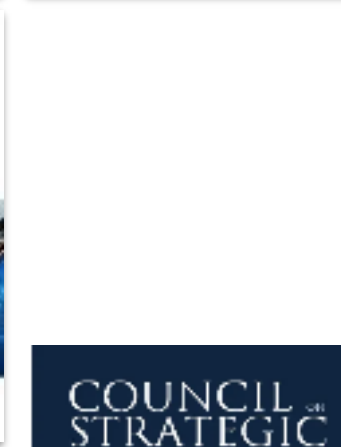
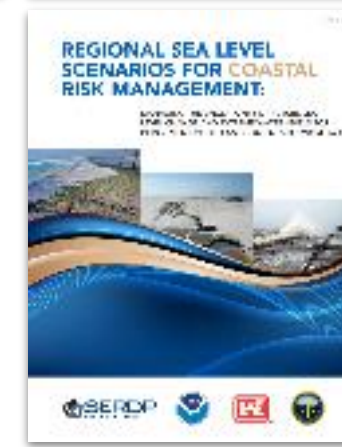
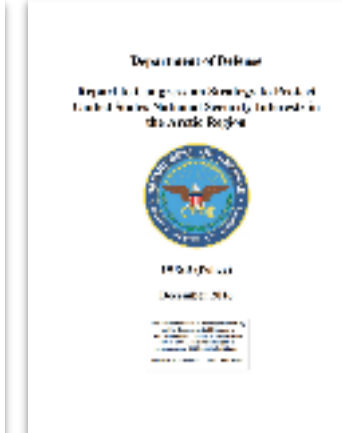
2010

2013

2015

2016

2018



Senior US Military Officials on Climate Change Since 2016



“why wouldn’t we take out an insurance policy and do prudent steps to make certain the generation that’s coming up is not going to be caught flat-footed by this?”

-The Honorable Jim Mattis

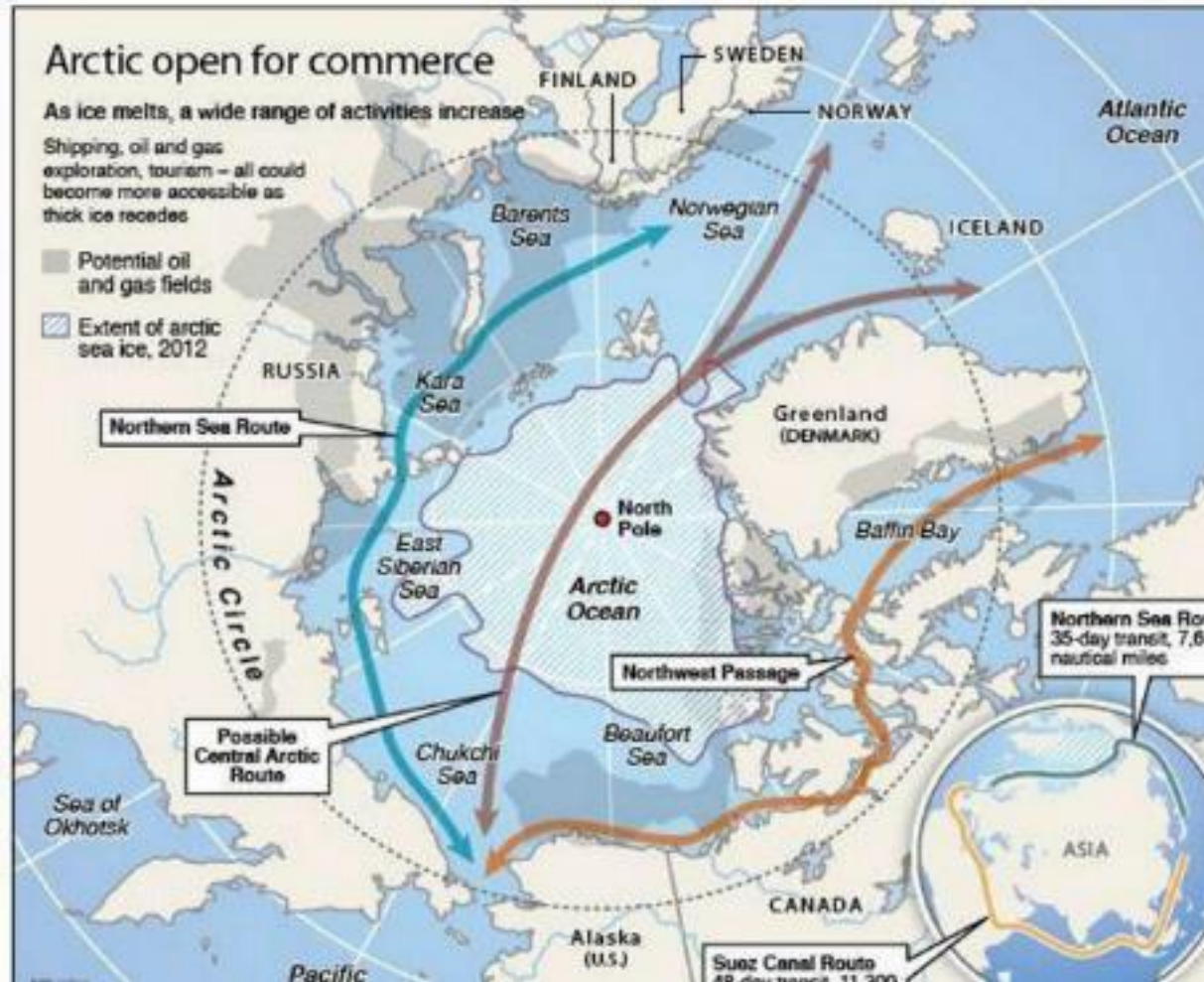
“when you look at source of conflict – shortages of water, and those kind of things – those are all sources of conflict. So, it is very much something that we take into account in our planning as we anticipate when, where and how we may be engaged in the future and what capabilities we should have.”

-CJCS Joseph Dunford



Over 30 Senior U.S. Military officials have publicly expressed concern over the threat of Climate Change to the National Security of the United States since 2016.

The Arctic: No Longer Only about Cooperation

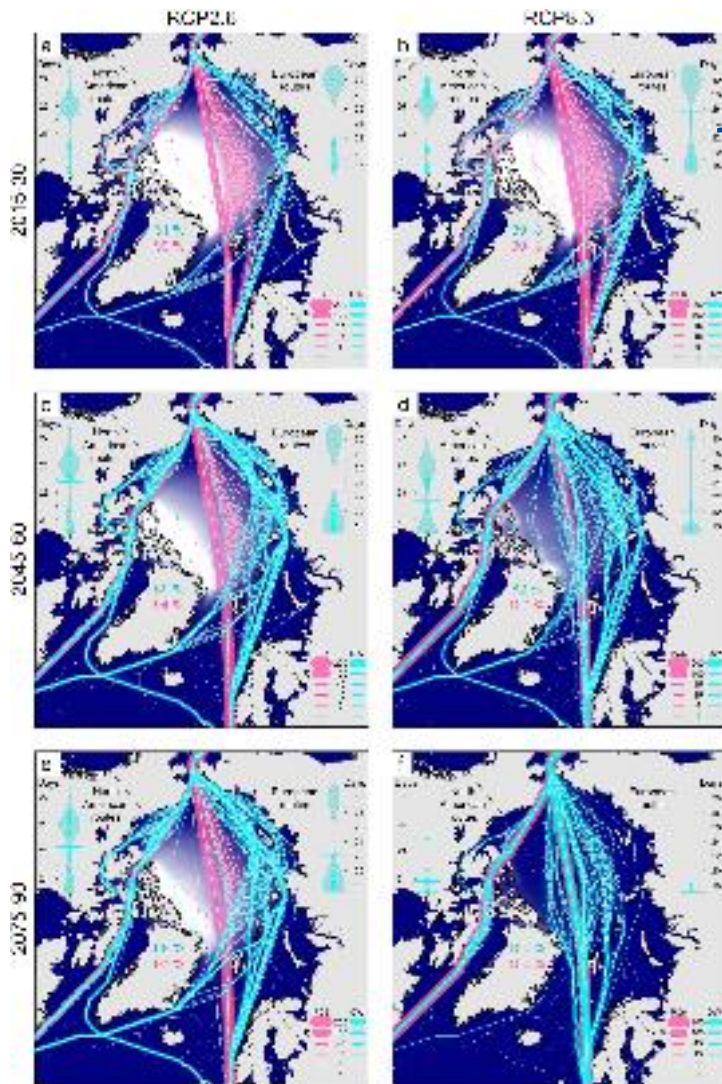


Arctic Nuclear Shipping Incident?

ARCTIC FUTURES 2050



Russian icebreaker. Source: Medium.com



Projected sea ice decline and 21st century trans-Arctic shipping routes

Melting ice and increased maritime traffic mean we must prepare for the possibilities of accidents, including nuclear-powered shipping accidents

Recommendations to the Defense Community

Produce a Climate Security Strategy for Critical Infrastructure



Sustain Military Training Range Lands



New Defense Investments Incorporate Climate Resilient Building Standards



Direct the Geographic Combatant Commands (GCC's) to include climate change risks in their planning processes.





A Security Threat Profile of Global Climate Change

What did you think of the briefing?

Please take 2 minutes to let us know at: www.eesi.org/survey

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