Arctic Security

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Arctic Security

Moderator:

Dr. John M. Lanicci, Embry-Riddle Aeronautical Univ.

Panelists:

Dr. Martin Jeffries, White House Office of Science and Technology Policy

Dr. David Kennedy, National Oceanic and Atmospheric Administration

Dr. Noor Johnson, Smithsonian Institution

Dr. Adrianna Muir, Department of State

Arctic Security

Motivation:

- The Arctic is one of the focal points for Environmental Security
 - · Rapid climate change
 - Potential economic benefits for shipping, energy exploration
 - Lots of issues and unknowns that will be addressed by our panelists this morning

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Motivation:

- · What is Environmental Security?
 - A general ES definition from Ramsay and Klitz (2014):
 ...an interdisciplinary study of the effects of extreme
 environmental or climatic events that can act locally or
 transnationally to destabilize countries or regions of the
 world, resulting in geopolitical instability, resource
 conflicts, vulnerabilities in critical infrastructure,
 or some combination of these impacts. (pp. 118-119)

Critical Issues in Homeland Security: A Case Book, J.D. Ramsay, and L. Kitz, Eds. Westview Press, Boulder, CO

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Motivation:

- Interestingly, ES could potentially present itself differently in the arctic
 - Will climate change destabilize the countries that border the arctic? What about the indigenous peoples who reside there?
 - Will arctic climate change result in resource conflicts?
 - Will arctic climate change expose critical U.S. infrastructure vulnerabilities (e.g., military operating capabilities)?

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http://data.giss.nasa.gov/gistemp/animations/

