

NAVAL POSTGRADUATE SCHOOL

CLIMATE & SECURITY SPEAKER SERIES

Advancing Arctic Research

JUNE 3, 2021 | 12:00 - 1:00 PM PT

Dr. Julia Nesheiwat, US Arctic Research Commission

Dr. Wieslaw Maslowski, NPS Oceanography Department

CDR (ret) John Joseph, NPS Oceanography Department

In the third session of the Climate and Security Speaker Series, Dr. Julia Nesheiwat of the U.S. Arctic Research Commission will share the role of the Commission in Arctic research and policy and perspectives on the national security implications of a changing Arctic.

NPS Faculty members CDR (ret) John Joseph and Dr. Wieslaw Maslowski of the Oceanography Department will share NPS expertise including Navy relevant observations during the recent Ice Exercises (ICEXs) and Arctic System Modeling and Predictive Capability.

Moderated by Capt Ben Cohen

About the Speakers

Dr. Julia Nesheiwat was appointed by the President to the U.S. Arctic Research Commission in December 2020. She is a Distinguished Fellow at the Atlantic Council focused on Arctic energy and climate issues and has 20+ years of experience in energy resources, critical infrastructure, climate, environmental science, and national and homeland security. She has experience as a combat veteran and intelligence officer in the U.S. Army and served as visiting professor at NPS. Dr. Nesheiwat earned her Ph.D. from Tokyo Institute of Technology, MA from Georgetown University and BA from Stetson University.

Dr. Wieslaw Maslowski is a Research Professor at NPS. For three decades, his research has focused on Arctic climate and its linkages to lower latitudes weather and climate, sea ice, ocean circulation and dynamics, and marine biogeochemistry. His work advances arctic science, modeling and predictive capability and addresses requirements and challenges for operating in and planning for a rapidly changing Arctic. He leads multi-institutional projects related to the Regional Arctic System Model (RAS) for process-level predictive understanding of the Arctic environment. He received his MS at the University of Gdansk, Poland, and Ph.D. at the University of Alaska Fairbanks.

CDR (ret) John Joseph is a Faculty Associate (Research) at NPS since 2005. He researches applied concepts in underwater acoustics including propagation modeling and observational acoustic data analysis. He has participated in the US Navy Ice Exercises (ICEX) since 2016 focused on characterizing the effects the changing Arctic has on naval operations. He is a retired US naval officer that specialized in operational support in meteorology and oceanography. He received his BA degree from Virginia Tech, a MS from Radford University and a MS from NPS.

Register in advance for this meeting:

<https://nps-edu.zoomgov.com/meeting/register/vJl5d-6hpz4jExq6lwJOUjkm8zL06w6tC4>

Learn more about the U.S. Arctic Research Commission at www.arctic.gov.

The NPS Climate & Security Network brings together experts on climate and security topics to provide NPS students and the DoD community a more thorough understanding of these issues. For more information, visit www.nps.edu/climate.



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