

NAVAL POSTGRADUATE SCHOOL

CLIMATE & SECURITY NETWORK SPEAKER SERIES

Pathways to Net Zero Emissions for the Operational Navy

25 October 2022 | 12:00 - 1:00 PM PT | Virtual via Zoom

Speakers

Kristen Fletcher, Energy Academic Group

Marina Lesse, Energy Academic Group

Bonnie Johnson, Systems Engineering

Brandon Naylor, Energy Academic Group

Major Joseph Lucas, US Army

Major Steven Moore, US Army

This is the third and final briefing in the CSN Net Zero Briefing series featuring NPS researchers. In this briefing, faculty and students will share findings from a Naval Research Program-funded project focused on how the Operational Navy may reach net zero emissions by 2050. The findings cover a variety of potential strategies but focus on ships and planes which account for over 70% of Department of the Navy emissions and are difficult to decarbonize. Other strategies include electrification, increased efficiencies, unmanned systems, hydrogen, nuclear, renewable energy, and carbon capture and sequestration.

No Registration Necessary

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 or to join the Network, visit nps.edu/climate

Virtual via Zoom:

<https://nps-edu.zoomgov.com/j/1604717027>

Passcode: #NetZero50

Meeting ID: 160 471 7027



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