

Shaping our CARBON-FREE FUTURE

#GAINCarbonFree



Jordan Cox

Research in the
Energy Security and
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Jordan Cox is a researcher in the Energy Security and Resilience Center at NREL. His work focuses on quantifying hazards and threats to energy systems and using techno-economic analysis to inform decisions surrounding resilience planning. He also has performed research on the potential linkages between renewable-nuclear energy systems and renewable thermal energy systems for industrial heat applications.

Jordan's background is in mechanical engineering with an emphasis on nuclear energy and thermal hydraulics. Using methodologies such as probabilistic risk assessment and defense-in-depth.

Jordan's current interests include quantifying future risk to energy systems and energy coupled systems through the use of probabilistic, deterministic, and machine learning methods.

Research Interests

Energy Systems Resilience
Energy Economics
Nuclear energy/Gas-cooled reactors
Thermal hydraulics

Education

Ph.D., Nuclear Engineering, Oregon State University (2017)
M.S., Nuclear Engineering, Oregon State University (2015)
B.S., Mechanical Engineering, Utah State University (2013)