

CASES PARTNERSHIP

COMMUNITY APPROPRIATE SUSTAINABLE ENERGY SECURITY

CASES Webinar Series:

**Examining the Food-Energy-Water Nexus
Through the Lens of Renewable Energy in
Remote Alaska Communities**



DECEMBER 14TH 12-1pm CST

MicroFEWs is a research project funded by the National Science Foundation to explore how existing and potential renewable energy projects affect food, energy, and water (FEW) security in rural Alaska. The project combines community visits and surveys with engineering studies to probe these linkages and feedbacks, and it also explores optimization of modular FEW infrastructure to enhance community security. Dr. Whitney and Dr. Schmidt will describe the project and share some of the early learnings from this work.

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**Join us on December 14th to hear more
about the MicroFEWs project**



PRESENTED BY: Dr. Erin Whitney and Dr. Jen Schmidt

Dr. Whitney is a faculty member at the Alaska Center for Energy and Power (ACEP) at the University of Alaska Fairbanks (UAF), where she directs the Solar Technologies Program and Data Collection & Analysis Program. Her research expertise is in solar photovoltaic technology in Arctic environments. Dr. Whitney came to ACEP from the National Renewable Energy Laboratory (NREL) in Golden, Colorado, after completing her doctorate at the University of Colorado Boulder. She is originally from Alaska.

Dr. Schmidt is a natural resource management and policy professor at the University of Alaska Anchorage, Institute of Social and Economic Research. Her focus is primarily research on social-ecological systems which includes harvesting and gathering of fish and game, land use, ecosystem management, ecosystem services, climate change, and wildfire. Methods used typically involve GIS, interviews, focus groups, and modeling.

The presentation will be live through WebEx:

DECEMBER 14th 12 -1pm CST

Meeting link: [https://usask.webex.com/usask/j.php?](https://usask.webex.com/usask/j.php?MTID=m1d7d689859e99ccaf34d5d9677244e86)

MTID=m1d7d689859e99ccaf34d5d9677244e86

Meeting number: 145 320 9779

Password: casespartnership

A recording will be made available on the CASES website:

<https://renewableenergy.usask.ca/events/cases-webinar-series.php>