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***For immediate release:***

## **AMS Education Program Creating New Teacher Professional Development Course, Project Ice**

September 14, 2021 – BOSTON, MA – The American Meteorological Society announces a new partnership with the Center for Oldest Ice Exploration (COLDEX), a National Science Foundation-funded effort lead by Oregon State University, to discover Antarctica’s oldest ice and through it, learn more about how the Earth’s climate has changed throughout its history.

Education Program Director Wendy Abshire says of the new partnership, “We are thrilled to be a part of COLDEX and bring the truly emergent and compelling advancements in technology and our understanding of ancient past climate to teachers. Interest in participating in Project Ice—which will be our sixth course for teachers to gain expertise in weather, water, and climate science—is extremely high.”

AMS Education staff will work with COLDEX subject matter experts to develop a summer professional development course on ice core exploration, technology, and climate science for K-12 teachers. This new three-graduate credit course offered via an existing partnership with California University of Pennsylvania (Cal U), will be called Project Ice and complement the existing summer courses, Project Atmosphere and Project Ocean. It will also extend the climate science education offered through the AMS DataStream Earth’s Climate System course. COLDEX will also offer professional development for college professors who teach classes that include ice core science through a partnership with the National Science Foundation’s Ice Drilling Program housed at Dartmouth. Both programs will focus recruitment on educators working with significant numbers of underrepresented students in STEM.

COLDEX will be created under a five-year, \$25 million Science and Technology Center award. The center will bring together experts from more than a dozen universities across the United States to generate knowledge about Earth’s climate system, hopefully extend the continuous ice core record to 1.5 million years into the past and share this knowledge to advance efforts to address climate change and its impacts. Additional COLDEX partners include Inspiring Girls Expeditions, the Earth Science Women’s Network, and the Alaska Native Science and Engineering Program.

For more information on COLDEX, visit <https://beav.es/UJR>.

