



MONTSHIRE MUSEUM OF SCIENCE, INC.

# Empowerment Through Climate Action

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The Quinn Nature Preserve at Montshire Museum of Science.

Credits: Montshire Museum of Science, Inc.

"Empowerment Through Climate Action" will provide a climate science curriculum to engage middle school youth with authentic STEM experiences that focus on measuring and enhancing the carbon sequestration capacity of forests and meadows on the Montshire Museum of Science's 110-acre campus. This curriculum will be developed and evaluated with a homeschool audience, then scaled to engage a larger audience through field trips and family workshops.

The primary goals are to: 1) enhance climate science knowledge in youth – especially those

from rural, underserved areas and girls – using hands-on ecology tools and data from current NASA missions; 2) foster student interest in STEM and Climate Science careers; 3) use the real world challenge of climate change to encourage development of their 21st Century Skills.

## List of Partners:

- Learning Ecosystems Northeast, Community of Practice of 12 Science and Technology Centers in the US Northeast

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