



CATHRYN ALLEN MANDUCA

As Director of the Science Education Resource Center at Carleton College I lead our work to improve education guiding projects to completion, developing new directions, raising funds and managing our staff. I am the Executive Director of the National Association of Geoscience Teachers (NAGT) where I work to ensure that the organization is financially healthy, running smoothly and most important maximizing its support for learning about the Earth. I am the lead PI for InTeGrate, the NSF STEP Center in the Geosciences which aims to transform geoscience education so that students of all kinds have opportunities to learn about the Earth in the context of the resource and environmental issues faced by civilization today. My work includes organizing workshops and other activities for faculty and educators of all types, developing web-resources that link teaching resources, pedagogy and discussion, and researching learning by geoscientists, faculty and students. Topics of focus include bringing research results on teaching and learning into broader use in the geosciences, understanding geoscience expertise, and building strong geoscience departments.

Currently, I serve on the AGU Board of Directors and on the Board on Science Education of the National Academies of Science.

TEMA / THEME:

MANY HANDS MAKE LIGHTER AND BETTER WORK: COLLECTIVE CAPACITY BUILDING IN THE US GEOSCIENCE HIGHER EDUCATION COMMUNITY