

EDUCATION – POSTER #52

TeachData: Using Stakeholder Input to Effectively Communicate Research

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Many research projects strive to communicate their research results to a broader audience, especially teachers and students in K-12 educational settings. Unfortunately, many of these attempts are not successful and K-12 teachers often do not incorporate "real" research data into their instruction, even when locally collected and relevant data are available to them. Beginning with an Innovation Working Group in 2011, NM EPSCoR has worked to identify what K-12 teachers need and want in order to use climate data effectively in their classrooms. As part of this effort, an advisory group of secondary teachers met over the course of one year to provide input that modified the design of the NM EPSCoR data portal and led to the development of a website, TeachData, that provides all the elements the teachers identified as most useful. The website includes a visualization/representation of a small "nugget" of data collected by EPSCoR researchers, links to the full data set and metadata, guiding questions, background information, a short YouTube video and information about the researcher and research location. Members of the teacher advisory group have piloted the initial TeachData units with their students and provided positive feedback. Two TeachData units are complete; ten more are under development.