

Education at the Speed of Research: Bio-energy Literacy

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Integrated approaches literacies in the sciences- including energy literacy- must be developed to effectively cross disciplines, include all stakeholders and situate environmental sciences into the consciousness of learners of all ages. Meaningful approaches to this challenge address education at all levels- students, teachers, and public. Efforts can found that communicate the exciting research in the natural world around students, while enriching the greater understanding of our changing world. NARA Education is addressing many entry points into the education system, while supporting the collection of materials suitable for education as EnergyLiteracyPrinciples.org does, supporting learners and providing the infrastructure for education at the speed of research. Students and educators need not wait for research results to trickle down through publication and eventually into textbooks, they can instead engage as meaningful partners along the path that all research takes.

Exciting discoveries and research are occurring every day at the university and by research partners all over the state and the world. Having teaching and education move at the same relative pace is vital to 21st century skills that prepare students to be responsible citizens, as well members of a global or local community and workforce. STEM education is important to students everywhere to participate in the economies of tomorrow. It is increasingly imperative that they have the skills and literacies in science, technology engineering and math to make good decisions, to make new discoveries and to enrich quality of life for themselves and for those around them.