



**MILES**



**Managing Idaho's Landscapes  
for Ecosystem Services**

## **ATTENTION TEACHERS IN SOUTHEAST IDAHO**

Are you interested in taking an interdisciplinary approach to teaching students about the sustainable management of healthy, functional ecosystems?

**Sign up for a MILES Adventure Learning Workshop  
Held June 6-10<sup>th</sup>. 2016 in Pocatello!**



### **Theme:**

### **Managing Ecosystem Services**

- 1) Regulating-** water quantity and quality
- 2) Provisioning-** food supply and pollination
- 3) Aesthetic-** recreation and wildlife

**WHO:** The Pocatello workshop will be offered for **middle and high school teachers** based in and around the Portneuf and Snake River watersheds. Teachers from all disciplines, but particularly the social sciences, natural sciences, and math, are invited to participate.

*Teachers can choose to participate in one of two ways:*

**On-site Adventure Learners** earn CE credit and a \$650 stipend while participating in experiential learning activities such as river ecology, history, and human perceptions of the Portneuf River. Daily blogs with Digital Adventure Learners!

**Digital Adventure Learners** earn CE credit and a \$150 stipend while partnering with an on-site adventure learner and following their daily explorations online, providing guiding questions and comments, observations, and classroom ideas.

## **MILES Adventure Learning Workshop June 6-10<sup>th</sup>. 2016 in Pocatello!**

**WHAT:** The workshop is supported by the Idaho EPSCoR program, with a grant from the National Science Foundation. The MILES (Managing Idaho's Landscapes for Ecosystem Services) project vision is to 1) advance understanding of changes in ecosystem services at the interface between urban and rural environments, (2) relate those changes to societal and climate drivers, and (3) provide science-based tools and training to inform policy decisions about the sustainable management of these ecosystem services.

The goal of the MILES project is to build Idaho's capacity to study complex social-ecological processes, especially those associated with water demand and the valuation of ecosystem services.



The **MILES AL teacher workshop** will focus on the following **three learning objectives**:

- 1) **Explore** current MILES research themes and how an interdisciplinary approach is taken to study complex social-ecological processes.
- 2) **Learn** and use technology in the spirit of Adventure Learning to both collect data and share your experiences with educators on/off-site, and later with your students!
- 3) **Develop** a personalized plan for implementing MILES workshop materials and technology into classrooms, integrate with Common Core State Standards.

**WHEN:** The Adventure Learning week is **June 6-10, 2016**, from **7:30 a.m. to 4 p.m.** Digital Adventurers collaborate and follow online 2-3 times per day. ALL participants will engage in an online pre-workshop session (flexible times) June 2-3, 2016.

**WHERE:** The on-site workshop will meet daily at **Idaho State University, Pocatello campus**, and participants will set out from there to explore regional destinations and engage in outdoor learning activities. Lunches and transportation will be provided.

### **HOW TO APPLY**

Teachers should complete the online application form by **April 20, 2016** at <https://www.idahoadventure.org/>.

MILES Adventure Learning is held at three sites across Idaho and is developed by faculty from UI, ISU, BSU, the Boise Water Center, and the McCall Outdoor Science School. Questions? Contact Dr. Rosemary Smith at [smitrose@isu.edu](mailto:smitrose@isu.edu)