Professional Outreach Strategy

Andre Wille

Opportunities to share with teachers in local school district.

Aspen High School Science Department

* Our science department meets as a group every other week throughout the year to discuss and coordinate curriculum. This would be a good time to integrate the Polartrec experience into our high school science program.
* Our science department includes 6 teachers that share a variety of teaching responsibilities. I hope to work with my colleagues to integrate polar themes into the classes they teach. I can facilitate their use of polar trec materials into a variety of classes including physics, biology, chemistry, oceanography/meteorology, and Ecological literacy.
* Present relevant polar themes in classes where we have shared responsibilities. For example, when I develop a unit on polar adaptations and evolution, share the labs and activities I develop when another teacher is teaching the same content. Units aligned to IB (international Baccalaureate) content topics will be particularly useful.
* Present my research experience to other biology teacher's classes that are learning related content.
* Look for opportunities to work with geography classes, mentor students doing polar related projects for geography class.

Aspen School District K-12 Science Cadre

* We have a monthly k-12 science vertical meetings for professional development that can be used to promote Polartrec activities.
* Completed a pre-trip presentation May 14 with k-12 teachers explaining what I will be doing and how they can get involved.
* Present follow-up professional development with a few grade specific and standards based activities that teachers can take home. These could be activities I develop or from the Polartrec archives.
* Aspen Community school charter school. I have spoken with the 6-8 grade teachers and they are interesting in following the trip and a presentation in the Fall 2014.