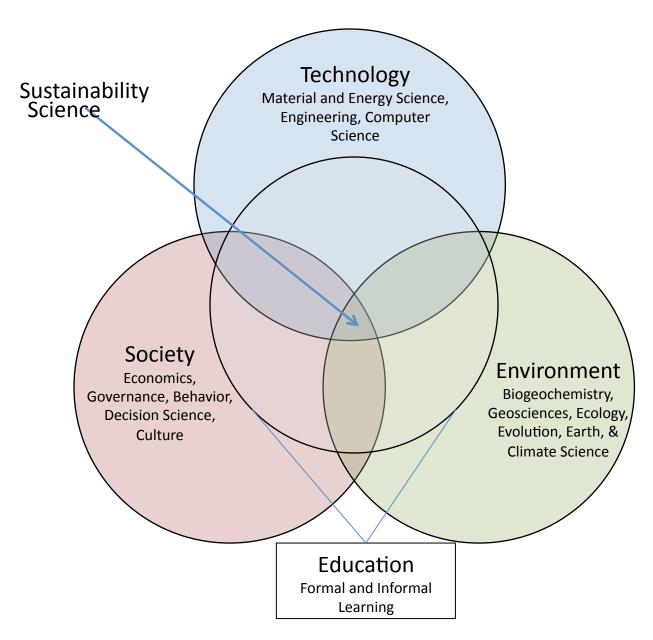


Science, Engineering and Education for Sustainability





Arctic Science, Engineering, and Education for Sustainability

A call for proposals was announced on April 18, 2012 that:

- recognizes the multitude and rapidity of changes in the Arctic and their interrelatedness
- reinforces the need to continue developing and refining sustainability theory
- encourages the co-development of sustainability approaches and methodologies with interested partners and communities
- provides educational and grant opportunities for tribal colleges and indigenous organizations
- partners with agencies and international funding groups to translate results into real-world solutions that may have global applicability

Arctic Science, Education, and Engineering for Sustainability













ArcSEES brings together basic research and management agencies to support projects that advance understanding of the fundamentals of sustainability while also addressing use-inspired themes relevant to the Arctic.

Arctic Science, Engineering, and Education for Sustainability

For FY13, up to \$12 million USD is available for meritorious research projects.

A maximum award size totaling \$2 million USD over a period of 3 to 5 years has been imposed.

The deadline for proposals is September 14, 2012.

All proposals must be submitted in English via NSF's Fastlane system or grants.gov.

If you are a new proposer and need help using the Fastlane system, please contact the Fastlane Help Desk.



Arctic Science, Engineering, and Education for Sustainability

Eligible submissions for this ArcSEES competition may come from:

- U.S. Universities and Colleges
- U.S. Non-profit, non-academic organizations
- U.S. For-profit organizations
- Foreign organizations*
- NSF-sponsored FFRDCs
- Partnering agency scientists

* CNRS is a partner for FY13. French scientists may submit proposals to this competition for consideration for funding from a consortium of French agencies. Other international scientists are also welcome to collaborate with proposing teams, but no salary or expenditures may be requested.











the natural and living environment focusing on in-depth understanding of the nonlinear biophysical platform and humanenvironmental interchanges within the Arctic

and between the Arctic and the rest of the globe

the built environment

including but not limited to housing and transportation structures, energy and communications technologies, climate-resilient materials, and sustainable observing designs

natural resource development comprising both the potential positive regional-to-global impacts of Arctic resource development as well as the hazards

governance

addressing the interactions between political, economic, scientific, and cultural organizations that govern Arctic futures, from tribal to multi-national scale

Examples of Native-Serving NGO's

Creating Partnerships in Collaboration with Scientists



Strategic Needs on Water in the Yukon (SNOWY)

Yukon River Basin Indigenous Observation Network





Bering Sea Sub-Network

Indigenous Communities of the Bering Sea Respond to the Need for Adaptation to Environmental and Socio-Economic Changes

Holistic Knowledge - Better Understanding - Relevant Policies

Image: YRITWC Healing Journey

Partnerships between non-profits and the community









Creating projects in collaboration with communities:

scientists working for Alaska Native Non-Profits













Partnerships between non-native scientists and communities,



Partnering with tribal colleges and native education organizations to reach Alaska Native students



There are many organizations within Alaska who have research capacity or history of funding that may be open for partnering on an ArcSEES grant.











Doyon, Limited

Tanana Chiefs Conference

Fairbanks Native Association

Interior Regional Housing Association Denakkanaaga, Inc.



Alaska Federation of Natives





Alaska Native Harbor Seal Commission



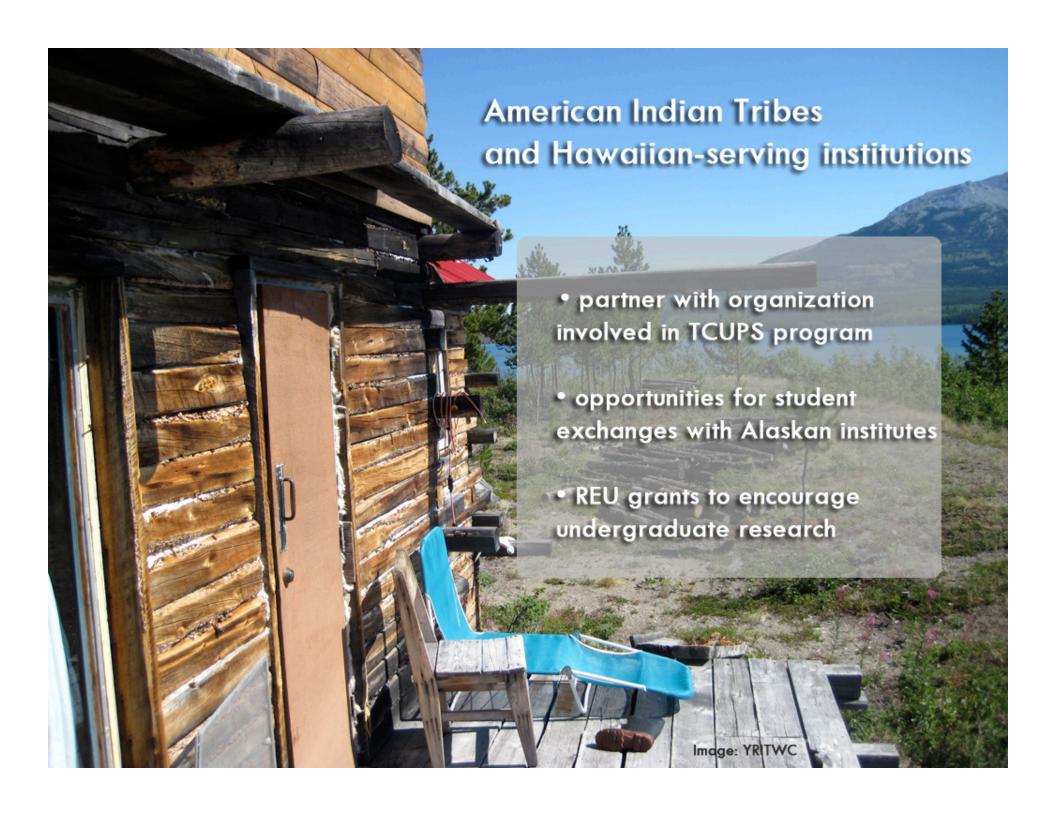
Aleut International Association

Permanent Participant of the Arctic Council



progress for the next ten thousand years

Image: YRITWC



For more information,

