

Environmental Education and Outreach Resources

Environmental Education Programs: Complete with activities and materials!

Telida's Website for Environmental Health Lessons and Curriculum

Exciting Solid Waste Curriculum that covers 50 solid waste lessons and 84 activities available in downloadable PDF Format! This information is sectioned into age groups to educate and engage students, teachers and parents in the 3 R's and backyard burning- complete with science and math lessons! Online flash games, stories, and videos also include composting, recycling and making safe household products. Check out their education resources for Drinking Water, Sanitation and Environmental Issues in Rural Alaska Housing. You can also learn about the people, geography, geology, climate, plants, and animals in four of Alaska's Bioregions (Arctic, Interior, Southeast, Southwest). <http://www.aknextgeneration.org/education/index.html>



Project WET This program reaches children, parents, teachers and community members through providing education in water resources. Project WET achieves its mission of worldwide water education by: publishing water resource materials in several languages; providing training workshops on diverse water topics (i.e., watersheds, water quality, water conservation); organizing community water events and building a worldwide network of educators, water resource professionals and scientists. ****Curriculum and activity guides available**** <http://projectwet.org>



Project WILD is one of the most widely-used conservation and environmental education programs among educators of students in kindergarten through high school. It is based on the premise that young people and educators have a vital interest in learning about our natural world. As with all good educational materials, Project WILD is concerned with providing information, as well as helping students to evaluate choices and to make responsible decisions. In short, Project WILD's mission is to help students learn *how* to think, not *what* to think about wildlife and the environment. ****Materials available both free of charge and for purchase**** <http://www.projectwild.org>

Alaska Youth for Environmental Action

Alaska Youth for Environmental Action (AYEA) inspires and trains diverse youth leaders to impact environmental issues through community action projects and campaigns; skills training in leadership, environmental education, civic engagement, and community organizing; and green jobs that sustain our communities and future. Interested in forming an AYEA chapter to promote youth leadership in your community? Check out this site! It's a great resource for any environmental professional. AYEA targets issues such as climate change, solid waste, toxics and healthy communities, and more. (Also, learn the **Action Tools** for effective outreach! <http://ayea.org/resources/action-tools/>) AYEA: <http://ayea.org/>



Kenai Fish and Wildlife Field Office (USFWS): Outreach and Education Program

Outreach Activities: Biologists make guest appearances at schools, campgrounds, and visitor centers to lead programs and talk about fish and related topics. We participate in: ADFG's Salmon Celebration – we teach catch and release handling techniques and ethics, and knot tying. Kenai Watershed Forum's Outdoor School – we teach catch and release handling techniques, knot tying, and play a salmon watershed game. In collaboration with ADFG, we provide information and education materials to the public (poster) The KFWFO office is a member of the Kenai Peninsula Ecological and Cultural Educators (KPECE). <http://alaska.fws.gov/fisheries/fieldoffice/kenai/outreach.htm>



University of Alaska, Fairbanks: “Drum Beats: We Will Live” This is a program that provides post-secondary certificates and the Associate of Science degree. *Drum Beats: We Will Live Well* funds a consortium of programs from five rural, Alaska Native-serving extended campuses of the College of Rural and Community Development (CRCDD) and the Cooperative Extension Service of the University of Alaska Fairbanks. Drum Beats helps Alaska Natives earn degrees in the USDA disciplines of plant sciences, animal sciences, veterinary medicine and environmental studies. The Drum Beats Consortium is comprised of four (4) certificate programs that have been developed with the generous support of USDA: High Latitude Range Management (HLRM) out of the Northwest Campus in Nome; Veterinary Science (VTS) out of the Interior-Aleutians Campus in Fairbanks and the Chukchi Campus in Kotzebue; Environmental Studies (ENVI) out of the Bristol Bay Campus in Dillingham; and Ethnobotany (EBOT) out of the Kuskokwim Campus in Bethel. <http://www.uaf.edu/drumbeats/>

COMMUNITY-BASED Programs for Environmental Education and Outreach:

Keep Alaska Beautiful- Southeast is a local, non-profit organization dedicated toward educating and encouraging individuals to take greater responsibility for improving their environment by focusing on the improvement of litter and marine debris.

<http://www.ecalaska.org/kabse/>



Sustain Angoon is a community program in Alaska geared to educate and encourage Tribal members and other rural residents to take action and save energy. These efforts have shown people how to use electricity and heating wisely and efficiently, and save money for our families. <http://www.sustainangoon.org/>

7 Generations Training

This training teaches participants a community-based approach for identifying, prioritizing, planning and managing environmental issues such as drinking water, wastewater, solid waste, fuel tank farms, air, energy and climate, etc. Check out their schedule for training near you.

<http://www.anthc.org/chs/ces/hve/7-generations.cfm>



Rural Alaska Examples of Education and Outreach from the Zendergroup site:

http://www.zendergroup.org/docs/comm_involv_AK.pdf

ENVIRONMENTAL WEBSITES:

Alaska Environmental Exchange

A **new website** provided by Ketchikan Indian Association and Central Council of Tlingit and Haida. Here you can find up to date information on trainings, events, news, Tribal contacts and other resources, complete with an “Environmental Exchange Library” to keep you in the know! <http://alaskaee.com/index.htm>

Alaska Science Outreach

An Alaska-based site containing informational and educational resources for environmental sciences: from plants and animals of conservation concern, to coastal studies, mineral extraction education, water resources, climate change and more! <http://www.alaskascienceoutreach.com/>



Tribal Air Quality in Alaska

Tribes in Alaska face unique challenges to protecting air quality and reducing health risks in their communities. This EPA website addresses air quality issues with fact sheets, videos and an Alaska Tribal Air Toolkit! A must-see...

<http://yosemite.epa.gov/R10/TRIBAL.NSF/programs/tribalairalaska>

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ENVIRONMENTAL VIDEOS AND RESOURCES:

Marine Debris Videos

A variety of videos created, in coordination with the NOAA Marine Debris Program, to highlight and raise awareness about the problem of marine debris. <http://marinedebris.noaa.gov/outreach/video.html>



“Clean Air, Healthy Villages”: A video series for rural Alaska sponsored by EPA

These videos highlight five of the major air quality challenges for rural Alaska Native Villages: Diesel emissions; indoor air quality; road dust; solid waste burning; and wood smoke and looks at ways to address these issues.

Introduction video: <http://www.youtube.com/watch?v=pGm6jt5FL-g>

Road Dust video: <http://www.youtube.com/watch?v=7Jghut7waR4>

Wood smoke video: <http://www.youtube.com/watch?v=nAACeVk311Y>

Solid Waste Burning video: <http://www.youtube.com/watch?v=LFdZdOLeUU0>

Diesel Emissions video: <http://www.youtube.com/watch?v=zisKVRsxGJK>

Indoor Air Quality video: <http://www.youtube.com/watch?v=k9AUuqTOS90>

AYEA 4 LIFE:

A series of educational videos produced by Alaska Youth for Environmental Action that includes topics such as climate change, recycling, plants, and more! <http://www.youtube.com/user/AYEA4LIFE>

Backhauling E-waste in the Upper Kuskokwim

The native villages of McGrath and Takotna worked together to backhaul the toxic e-waste from their villages. This is the first attempt to show how they did it. <http://www.youtube.com/watch?v=XdMf5l3ISM8>

“The Story of Stuff”:

We know where our “stuff” goes as soon as its considered trash, right? But do you ever wonder where it comes from... how does our “stuff” come to be? This is a great 20 minute video that gives us a closer look at how stuff is produced and how our consumption patterns affect us and our communities. A great video to share! (*Just go to the page and click the PLAY button*) <http://www.storyofstuff.com/index.html>

EPA Water Resources Education

Education resources for all-ages in water science and technology for adults, students and educators alike! <http://water.epa.gov/learn/resources/>



EPA Environmental Education Resources

Environmental education resources that are sure to engage and educate ages K-12 in air, health, solid waste reduction and recycling and much more! This is great information for adults, too. <http://www.epa.gov/enviroed/eeportals.html>

Zender Environmental Health and Research Group: <http://www.zendergroup.org/viewdocs.htm>

You can find a great amount of materials on our site related to solid waste and the environment. Very useful for education and outreach!

Other Resources:

Alaska Natural Resource and Outdoor Education (ANROE): <http://anroe.wordpress.com/about/>

ANROE- Alaska’s Environmental Literacy Plan: <http://anroe.wordpress.com/environmental-literacy-plan/>

EPA Environmental Education Grants Awarded in Alaska: <http://www.epa.gov/enviroed/grants/ak01.htm>

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