February 5, 2020

Compiled weekly by Peg Tileston on behalf of Trustees for Alaska, The Alaska Center, and The Alaska Conservation Foundation.

**CONFERENCES, WORKSHOPS, SEMINARS, SPECIAL EVENTS**

**SPRING 2020 SUSTAINABLE ENERGY ONLINE CLASSES, UAF-BRISTOL BAY** is offered through the UAF-Bristol Bay Sustainable Energy program.

- **April 1 to April 29 - SMALL WIND ENERGY SYSTEMS**, ENVI F150, 1-cr, 5 wks., 5:20 to 8pm, CRN 37949

- **May 8 – 10 - ENERGY EFFICIENT BUILDING DESIGN AND SIMULATION**, ENVI F122, 1-cr 3 days, CRN TBD

For more info contact Mark Masteller, Asst. Prof. Sustainable Energy, at 907-414-0198 or email mamasteller@alaska.edu.

**February 7**

**ANCHORAGE - HIGH EFFICIENCY BUILDING TECHNIQUES for COLD CLIMATES WORKSHOP** will be held from 9am to 5pm includes a hands-on site visit to a local home focused on a deep energy retrofit. Our presenters, **CANADIAN-BASED SUN CERTIFIED BUILDERS COOPERATIVE LIMITED**, will discuss techniques they are using in Manitoba including using vertical (Larsen) trusses with cellulose insulation for super-insulated walls. They will also cover how they have adapted their techniques to meet local building codes and worked with local building appraisers and credit unions to offer financing. The site visit will be to a nearby local home for a hands-on discussion on doing a deep energy retrofit. This workshop is hosted by Alaska Center for Appropriate Technology and sponsored in part by Alaska Housing Finance Corporation (AHFC). 4 CEUs Available For more information or registration, go to [https://acat.org/highefficientbuilding/](https://acat.org/highefficientbuilding/). Cost: $50 for ACAT members |$100 for non-ACAT members.

**February 10 – 14**

**ANCHORAGE – The 22nd ALASKA FORUM ON THE ENVIRONMENT** will be held at the Dena‘ina Convention Center, 600 W 7th Avenue. There will be over 100 presentation, panel discussion, special events and workshops. Technical sessions include: climate change, emergency response, brownfields, marine debris, environmental regulations, fish and wildlife, forests, rural issues, energy, military issues, business issues, pollution prevention, contaminants, and more. The Alaska Forum on the Environment (AFE) is a statewide gathering of environmental professionals from government agencies, non-profit and
for-profit businesses, community leaders, Alaskan youth, conservationists, biologists, and community elders. For more information, including registration, go to http://www.akforum.org/.

February 10 – 14,

ANCHORAGE - ALASKA CHAPTER of the WILDLIFE SOCIETY 2020 ANNUAL MEETING and WORKSHOPS will be held at Alaska Pacific University. The theme this year is WILDLIFE AND ADVANCING TECHNOLOGIES. Keynote speakers: DICK SHIDELER will highlight methods to detect bear dens using recent and historic technology, MATT WOOLLER will share his expertise on applications of advanced isotope technologies to wildlife research, and BRITTA SCHROEDER will discuss current and potential drone capabilities for habitat and wildlife surveys. They are looking for participants interested in sharing their experiences using technology for wildlife research, management, or monitoring at the “Technology Show and Tell” segment. To complement our theme, Wildlife and Advancing Technologies, our poster session will include displays of technologies used in the wildlife field. Participants will have the opportunity to get hands-on experience or view demonstrations or hardware associated with these technologies. This could include information technology, sensors, equipment, or any tool used for research, data collection, or data processing. Our goal for this session is to show conference participants what type of technology is out there and give them inspiration for the future. If you have experience with technology you would like to share, then please submit an abstract for consideration. Additionally, we will offer Remote Participation this year. There are registration costs for both, online and in-person participation. This will be a trial year to test the feasibility of remote participation to our meeting. Remote participation will be limited to listening to sessions and presenting during select sessions from 11 through 13 February. You are able to choose remote participation as an option when registering on the website. To sign up for workshops, field trips or the Technology Show and Tell, you need to register for the conference at twsalaskameeting.com. For more information, go to http://twsalaskameeting.com/?post=678.

February 13

ANCHORAGE - DRAWDOWN: SOLUTIONS for ENDING the CLIMATE CRISIS will be presented by PAUL HAWKEN at the UAA Wendy Williamson Auditorium at 7pm. Paul Hawken is an environmentalist, entrepreneur, author and activist who has dedicated his life to environmental sustainability and changing the relationship between business and the environment. He is one of the environmental movement’s leading voices, and a pioneering architect of corporate reform with respect to ecological practices. His work includes founding successful, ecologically conscious businesses, writing about the impacts of commerce on living systems, and consulting with heads of state and CEOs on economic development, industrial ecology, and environmental policy. Paul is editor of the book Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming, a UAA Book of the Year. He is founder of Project Drawdown, a non-profit dedicated to researching when and how global warming can be reversed. The organization maps and models the scaling of one hundred substantive technological, social, and ecological solutions to global warming. His forthcoming book is entitled Regeneration: Ending the Climate Crisis in One Generation. Hawken will also speak at the Alaska Forum on the Environment conference. Free and open to the public. Hosted by the UAA Difficult Dialogues Books of the Year program For more information, contact Libby Roderick at eroderick@alaska.edu.

February 13 – April 23
PALMER - GARDENING CLASS SERIES will be held at the Annex, 247 S Alaska Street on Thursday evenings from 6:30 to 8:30pm on the following dates

**February 13** - Learn how to restore your landscape and create a cultivated ecology. We have been using regenerative theory in our home garden for a long time. We are applying regenerative theory to our Market Farm and the gains are enormous.

**February 27** - Join us as we explore Edible Landscaping for Alaska! This class provides simple and effective design tools on how to create growing spaces throughout your home layout. Using traditional landscaping techniques coupled with a Permaculture flair- you will learn how create, design and implement spaces that are both functional and beautiful. Taking our Permaculture Design for Growing Spaces is recommended but not required.

**March 12** - How to balance your soil so that you can reap the rewards of the spring sow. We grow by the mantra "Feed your soil- not your plants". Learn all the regenerative practices for caring for your soil.

**March 26** - Where do you fit into your landscape. Are you making the proper decisions for the land? Learn how to manage your growing spaces effectively. Learn the tools you need for prevention of pests and disease. Increase yields with decreased work!

**April 23** - We supply the seeds and the soil! Organic, Heirloom and open pollinated varieties. Everyone will go home with at least 72 seed starts. Starting seeds can extend the growing season 4-6 weeks! Learn how to provide your starts the nutrition and care they need. For more information, go to https://seedsandsoilorganics.com/product/palmer-seven-class-series/.

February 18 -20

COPPER RIVER CENTER - COPPER RIVER BASIN SYMPOSIUM: TRADITION, SCIENCE, and STEWARDSHIP will be held at the Wrangell-St. Elias National Park Visitor Center. WISE is partnering with Wrangell-St. Elias National Park, Copper River Watershed Project, Wrangell Mountains Center, Ahtna Intertribal Resource Commission, and others to present a symposium on current science projects and traditional ecological knowledge in the Copper River Basin. The purpose is to bring together many diverse disciplines and points of view to share knowledge, encourage stewardship, and celebrate the Copper River Basin. For more information, go to https://copperriver.org/news-events/copper-river-basin-symposium/
The symposium is open to the public.

February 20 - April 30

WASILLA - GARDENING CLASS SERIES will be held in the Wasilla Museum and Visitor Center from 6:30 to 8:30pm on the following dates:

**February 20** - Learn how to heal your landscape and create a cultivated ecology. We have been using regenerative theory in our home garden for a long time. We are applying regenerative theory to our Market Farm and the gains are enormous.

**March 5** - Explore Edible Landscaping for Alaska! This class provides simple and effective design tools on how to create growing spaces throughout your home layout. Using traditional landscaping techniques coupled with a Permaculture flair- learn how create, design and implement spaces that are
both functional and beautiful. Taking our Permaculture Design for Growing Spaces is recommended but not required.

**March 19** - How to balance your soil so that you can reap the rewards of the spring sow. Learn all the regenerative practices for caring for your soil.

**April 2** - Where do you fit into your landscape. Are you making the proper decisions for the land? Learn how to manage your growing spaces effectively. Learn the tools you need for prevention of pests and disease. Increase yields with decreased work!

**April 30** - We supply the seeds and the soil! Organic, Heirloom and open pollinated varieties. Everyone will go home with at least 72 seed starts. Starting seeds can extend the growing season 4-6 weeks! Learn how to provide your starts the nutrition and care they need.

For more information, go to [https://seedsandsoilorganics.com/product/wasilla-class-series-all-seven-classes/](https://seedsandsoilorganics.com/product/wasilla-class-series-all-seven-classes/).

**February 20 & 21**

**HAINES & SKAGWAY - WILDLAND FIRE PREVENTION WORKSHOPS** will be held on **February 20** in **Haines** from 6:30 to 8:30pm in the Aspen Suites Hotel and on **February 21** from **6:30 to 8:30 in Skagway** at the Public Safety Building. In response to severe fire weather conditions in the Upper Lynn Canal last summer, the wildland fire prevention workshops will help private and municipal property owners prepare for the 2020 fire season. Staff from the Div. of Forestry and U.S. Forest Service will share information to help residents be better prepared before wildland fire threatens their property. They will share information about national and state programs aimed at teaching landscaping strategies that can help limit the spread of wildland fire near forest-surrounded homes or communities and answer general questions about wildland fire prevention and protection. Although wildland fires have not been a significant threat to communities in the Upper Lynn Canal, they are possible if last summer’s extended dry, hot, and windy conditions occur again this year. Homes in the area are frequently located in steep terrain and are typically close to other homes, both factors that support the rapid spread of wildland fire through the forest and communities. Prevention is the best way to protect valued property during a wildland fire incident. For more information, contact Greg Palmieri at (907) 766-2120 or email [greg.palmieri@alaska.gov](mailto:greg.palmieri@alaska.gov).

**February 22**

**ANCHORAGE - 2020 ALASKA BOTANICAL GARDEN SPRING GARDEN CONFERENCE** will be held at the Benny Benson Secondary School. There is no better time than in Winter to begin thinking about your Spring garden and to begin planning your landscape designs for shaping your home and neighborhood spaces for the coming year. This year's annual Spring Garden Conference: Seeing More in the Garden in 2020, will offer dynamic and innovative speakers and hands-on workshops to help guide you through your creative gardening endeavors. Conference Ticket includes boxed lunch, coffee and tea and entrance to the Reception held at ABG. To see 2020 Conference Speakers and registration information, go to [https://www.alaskabg.org/spring-conference-2020.html](https://www.alaskabg.org/spring-conference-2020.html).

**March 2 & 3**
DILLINGHAM - INDOOR AIR QUALITY IN ALASKA NATIVE COMMUNITIES (a Level 1 mini-course).
This is an entry-level course for environmental staff from Alaska Native Communities who are interested in air quality issues. The content is basic and assumes the participant has no background in science or air quality management. The course provides an understanding of the importance of clean air for the protection of human health and the total environment. This course will focus on indoor air. Instructors and participants will explore ways in which Alaska Native Communities can take action to solve air quality problems, protect human health, and preserve cultural values. This course consists of lectures, demonstrations, small-group activities, and a building walk-throughs. There will be hands-on practice with a comprehensive assessment checklist used to identify IAQ problems. Topics include: • Indoor air concerns in tribal communities; • Building dynamics and weatherization; • Indoor air quality (IAQ) and asthma; • Controlling moisture and mold in the home; • Household hazardous materials and green cleaning; • Home heating safety; • Outreach: prevention of AQ/IAQ problems; and • Purple Air Network (Citizen Science). Pre-Requisites: None. To apply, go to https://www7.nau.edu/itep/main/forms/aqReg. Applications received by February 4, 2020 will have priority consideration.

March 4 – 6

DILLINGHAM - INDOOR AIR QUALITY DIAGNOSTIC TOOLS for ALASKA (a Level 2 Course for Alaska Native Villages). This Level 2 course will bring together Alaska Native Village environmental, housing, and facilities staff to learn how to use diagnostic instruments as tools to assess indoor air quality (IAQ). After completing this course, participants will be able to use diagnostic instruments and interpret data to assess a home and educate the occupants about a healthful indoor environment. The course is structured as an intensive training that uses multiple approaches to learning: lecture/discussion, hands-on, and site visits. Topics include: • Managing IAQ in the home – Holistic approach to occupant behaviors; • Making the building healthier – Holistic approach to the structure; • Weatherization and IAQ; • Building investigations using diagnostic instruments; • Hands-on use of equipment during site visits to local homes; • Moving from interpretation into action; and • Building Science. Pre-Requisites: One of the following classroom courses (or equivalent training/experience): • Indoor Air Quality in Alaska Native Communities (offered March 2-3, 2020 in Dillingham, AK); • Indoor Air Quality in Alaska; • Tribal Healthy Homes; or • Independent Study IAQ Level 1 - contact ITEP Staff to discuss this option. To apply, go to https://www7.nau.edu/itep/main/forms/aqReg. Applications received by February 4 will have priority consideration. For more information, contact Christal Marie Black at cristal.black@mau.edu or call 928-523-8410.

April 2 – 4

ANCHORAGE- 3RD ALASKA FARMERS MARKET CONFERENCE: BUY LOCAL, GROW LOCAL will be held at the Sheraton Anchorage Hotel & Spa to highlight how markets are a vital piece of local economies. Alaska is experiencing the most agricultural growth in the entire nation! In 2005 the Division of Agriculture listed 13 markets throughout the State. In 2014 that number grew to 37, and in 2019, there were more than 50 markets throughout the state. Markets and farming have become a thriving part of Alaska’s economy. Join market organizers and supporters from around the state for a weekend devoted to growing your farmers’ market! Share ideas develop new skills and strengthen your support network. For more information, go to http://www.alaskafarmersmarkets.org/2020-afma-conference/.

April 2-4
DILLINGHAM – The **ANNUAL WESTERN ALASKA INTERDISCIPLINARY SCIENCE CONFERENCE AND FORUM: VISIONS FOR THE FUTURE** aims to bring together local and indigenous knowledge of subsistence–based communities and other scientific research relevant to Western Alaska; including economic, ecological, social, and health issues important to rural communities. This is the fourth time WAISC will be held in Dillingham, and this year’s conference focuses on the future threats and opportunities in the face of a changing climate. **Topics:** Social and Ecological Effects of Climate Change; Southwest Interagency Meeting; Fisheries: Sustainable Energy; Pebble Mine; Topics in Rural Education; Sustaining community: local arts, culture, and subsistence. Call for papers; Abstract submissions for oral and poster presentations will be due March 1. Online registration is now open at https://seagrant.uaf.edu/events/ssl/register.php?id=374. The registration fee is $130, or $105 early registration until March 1. Residents of the Bristol Bay region can enter code bristolbay during checkout to have the registration fee waived. The Friday banquet is included for those paying the registration fee, but if you are claiming the resident fee waiver and wish to attend the banquet, please select the option to purchase a $30 banquet ticket during online registration. Other attendees can also use this option to purchase a second ticket for a guest. Attendees paying the full registration fee should not purchase a banquet ticket for themselves. For questions: contact Gabe Dunham, Alaska Sea Grant, UAF Bristol Bay Campus, at (907) 842-8321 or Dr. Todd Radenbaugh, Environmental Science Professor, UAF Bristol Bay Campus, at (907) 842-8363

**March 31; April 2 & 3; April 3; April 15; April 16 & 17; April 30 & May1**

**2020 CERTIFIED SEPTIC SYSTEM INSTALLER COURSE** will be held in the following locations:

**Initial Course**

- **April 2 – 3** – Anchorage
- **April 16 – 17** – Fairbanks
- **April 30 – May 1** – Anchorage

**Refresher Course**

- **March 31** – Soldotna
- **April 3** – Mat-Su/Anchorage
- **April 15** – Fairbanks

For more information, call 907-451-2109 or go to [https://dec.alaska.gov/water/wastewater/engineering/course-registration](https://dec.alaska.gov/water/wastewater/engineering/course-registration). Cost: $100 per Certified Installer or Other Attendee; $275 per Approved Homeowner.

**April 21 – 24**

**KODIAK – 4TH KODIAK AREA MARINE SCIENCE SYMPOSIUM – 2020** connects the Kodiak community to the marine science research around them. Hosted by the Alaska Sea Grant Marine Advisory Program with support from regional partners and contributors, KAMSS provides a forum for researchers to share findings within the research community and to the general public. The symposium
offers opportunity for stakeholders to engage and understand how Kodiak’s marine environment and resources function, change, and affect our lives and livelihoods and offers a venue for researchers to plan for integrated, cooperative and community-inspired marine research. Patterned after the preceding symposia, KAMSS 2020 oral and poster presentations will span all dimensions of Kodiak’s marine science. Topics will be organized thematically, with a cross-disciplinary approach to best encourage dialogue between disciplines. To register, go to https://seagrant.uaf.edu/events/ssl/register.php?id=375. There is no charge to attend the symposium, but we encourage you to register online so that we can better accommodate the total number of participants for the symposium. The Call for Abstracts is open. Please visit the KAMSS 2020 Call for Abstracts for instructions, deadlines, and submission information.

April 27 – 30, May 4 – 7, May 18 – 21, June 1 - 5

ANCHORAGE - ARCTIC ENVIRONMENTAL SAMPLER WORKSHOP is a 4-day hands-on workshop on surface water, groundwater, and soil sampling of contaminated sites, packing, shipping and legal forms such as Chain of Custody Form. The workshop is recognized by ADEC as part of the Environmental Sampler Qualification. The workshop is held in Anchorage at the APU campus. Instructor: Birgit Hagedorn, PhD. Sustainable Earth Research LLC. Veterans and full-time students will receive a 30% rebate. To sign up and for more information go to http://www.environmentalsampler.com.

WEBINARS, TELECONFERENCES & VIDEOS

GRANTS/AWARDS/SCHOLARSHIPS/FELLOWSHIPS/ CONTESTS/RFPs

February 14

Deadline for applications for the ALASKA SEA GRANT STATE FELLOWSHIP PROGRAM that is a unique professional opportunity for soon-to-graduate or recently finished graduate students interested in the science and policy needed to keep our marine resources healthy. Modeled after the highly successful Knauss Marine Policy Fellowship, the state fellowship program provides an opportunity to acquire on-the-job experience in the planning and implementation of marine resource policies and programs in Alaska. The program matches highly motivated graduate students and recent graduates with hosts in Alaska-based state or federal agencies for a 12-month paid fellowship. For more information, go to https://alaskaseagrant.org/education/awards-fellowships/state-fellowship/.

February 21

Deadline for applications for the 2021 KNAUSS FELLOWSHIP that annually provides 30–50 students with a year of experience working on marine issues in a Congressional staff office or in a federal agency. Applications are encouraged from students enrolled in graduate or professional programs who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. The Sea Grant Knauss Fellowship Program has allowed more than 650 students to share their
expertise with policymakers in Washington, D.C., to see firsthand how science is used in the policy arena, and to participate in policy making. For more information, go to https://alaskaseagrant.org/education/awards-fellowships/knauss/.

February 21

Deadline for submissions to the Federal Subsistence Management Program Annual Art Contest for All Students in Alaska, Grades K-12. This year, entries may focus on either subsistence wildlife or fish, and two winners will be selected. The winners’ artwork will be published on either the cover of the 2020-2022 Subsistence Management Regulations for the Harvest of Wildlife on Federal Public Lands in Alaska book, or the 2021-2023 Subsistence Management Regulations for the Harvest of Fish and Shellfish on Federal Public Lands in Alaska book, both distributed statewide. The art contest offers an exciting opportunity for students to express their talent and creativity while sharing their knowledge of subsistence resources. Each entry must be 8.5 by 11 inches and have a theme related to subsistence species or activities in Alaska. All artwork must be original. Submit entries to: Office of Subsistence Management Attn: Caron McKee, 1011 E. Tudor Rd., Mail Stop 121, Anchorage, Alaska 99503-6199. The official rules and entry forms are available by contacting the Office of Subsistence Management at (800) 478-1456 or by email at subsistence@fws.gov, or go to www.doi.gov/subsistence/art-contest. Scanned student artwork may be retained for use in website or social media posts, brochures, regulation books, and other publications produced by the Office of Subsistence Management.

March 6

Deadline for applications for the Kenai Mountains-Turnagain Arm (KMTA) National Heritage Area Annual Grant Cycle. Applications will be reviewed at the April Board meeting. KMTA awards grants to community projects that recognize, preserve, and interpret the historic, scenic, and natural recreational resources and cultural landscapes of the Kenai Mountains-Turnagain Arm historic transportation corridor. Projects promote and facilitate public enjoyment of these resources. For more information and to apply visit https://kmtacorridor.org/grant-guidelines/.

March 9

Deadline for submittals for the 14th Annual North Pacific Research Board 2020 Photo Contest. Each year, NPRB conducts a photo contest featuring beautiful images of sea life, seascapes, coastal scenes and marine research within the waters of the North Pacific Ocean including the Gulf of Alaska, Prince William Sound, Bering Sea/Aleutian Islands, Bering Strait or Chukchi/Beaufort Seas. Professionals, amateurs, adult, and youth are all encouraged to apply. NPRB awards up to $3,300 in cash prizes to the top finalists in adult and youth categories. To apply online and for official rules, go to https://www.nprb.org/nprb/annual-photo-contest/.

March 15

Deadline for submissions for the 2020 Alaska Junior Duck Stamp Contest from K-12 students. Participants select a species of North American waterfowl, do research on this species and its habitat,
and then depict their findings through art and writing. Prizes, cash awards, and national recognition await the winners. Get to know North America’s waterfowl and enter the contest! Visit the Jr. Duck webpage or contact Tamara_Zeller@fws.gov/ (907) 786-3517.

March 27

KETCHIKAN - Deadline for entries for the ALASKA HUMMINGBIRD FESTIVAL JURIED ART SHOW. Artwork must include birds, avian habitat and/or migratory bird patterns provided in the guidelines. Artwork must be recent, original and not previously exhibited in Ketchikan. It is open to all Alaskan artists working in all media with a maximum of two entries per artist. Label each piece with “item 1” and “item 2” to correspond with each entry form. All two-dimensional entries must be framed and ready to hang (hardware, wire etc.). All three-dimensional entries must be ready for display. Note on entry form if you are including stands or props with your piece. You may sell your artwork at the exhibit. Proceeds benefit the artist (65%) with 25% going to SEADC educational programs including this juried art show and 10% to KVB. The art show will be on display at the Southeast Alaska Discovery Center until June 26. Prizes: Adult Best of Show (18 & up) - $500; Juvenile Best of Show - $100; Adult First Prize - $300; Juvenile First Prize - $75; Adult Honorable Mention - $200; Juvenile Honorable Mention - $50. Mailed entries must include return postage. Submit your work to: Southeast Alaska Discovery Center, 50 Main Street, Ketchikan, Alaska 99901, C/O Hummingbird Festival. For bird list, guidelines, and entry form, go to https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd605674.pdf. For more information, contact Leslie Swada at 228-6290 or leslie.swada@usda.gov.

March 31

Deadline for applications for RURAL ENERGY FOR AMERICA PROGRAM (REAP) FUNDS available for Rural ENERGY EFFORTS that provides loans and grants to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Grants may be used for renewable energy systems such as biomass, geothermal, hydropower, hydrogen, and wind, solar, or ocean generation, or for the purchase, installation, or construction of energy efficiency improvements such as high-efficiency HVAC systems, lighting, insulation, cooling or refrigeration units, doors and windows, and other upgrades. For more information, go to Department of Agriculture.

March 31

Deadline for applications for the MARTHA LEVENSALER LEADERSHIP FUND. The Fund was created to honor Martha’s legacy and specifically to benefit the people who are involved in improving conservation efforts across Alaska. To accomplish this, the Fund will provide support for training, skill building and organization development. Grant awards range from $500-$2,500. The Fund will support projects that provide training and organization development to enhance leadership capacity for the conservation movement. For more details, including how to apply, visit: https://alaskaconservation.org/take-action/legacy-giving/endowment-funds/current-endowment-funds/martha-levensaler-leadership-fund/

March 31

Deadline for entries to the ALASKA STATE FISH CONTEST for STUDENTS, kindergarten through 12th grade. To enter, young artists create an original illustration of any official state-fish and written words detailing its behavior, habitat, and efforts to conserve it. Entries are categorized in four grade levels: K-3,
4-6, 7-9, and 10-12. Educators nationwide utilize Fish On!, the full-color State-Fish Art Lesson Plan, integrating the disciplines of science and art. Entries are due postmarked by March 31st each year. [www.statefishart.org](http://www.statefishart.org). Students from Alaska should create their Fish Heritage Award entry consisting of three parts: Horizontal artwork featuring a King Salmon, 9” by 12” in size; Essay about the King Salmon that is no longer than one page with name and grade on the back; Alaska State-Fish Art Contest entry form, attached to the back of the artwork. Completed entries should be mailed no later than to Alaska Regional Forest Service Office, ATTN: Alaska State Fish Contest/Bobbie Jo, PO Box 21628,709 W. 9th Street, Juneau, AK 99802. For more information, go to [Wildlife Forever State-Fish Art® Contest](http://www.statefishart.org).

April 2

Deadline for applications for applications for the **BYCATCH REDUCTION ENGINEERING PROGRAM FISCAL YEAR 2020 FUNDING OPPORTUNITY** to support applied management projects and activities to reduce bycatch. Bycatch reduction is a top priority for NOAA Fisheries, as outlined in the National Bycatch Reduction Strategy. Bycatch contributes to overfishing, threatens endangered and threatened species and protected marine mammals, and can close fisheries, significantly impacting U.S. economic growth. Through this program, we support the development and testing of fishing gears that minimize bycatch and habitat impacts. To apply go to [https://www.fisheries.noaa.gov/grant/bycatch-reduction-engineering-program-fiscal-year-2020-funding-opportunity](https://www.fisheries.noaa.gov/grant/bycatch-reduction-engineering-program-fiscal-year-2020-funding-opportunity).

**DEADLINES**

**February 10**

**PORTAGE/WHITTIER** – Comments are due on the proposal to begin engineering and environmental studies for the **ANTON ANDERSON MEMORIAL (WHITTER) TUNNEL**

Construction for the proposed project is anticipated to begin in fall 2021. For more information, contact Kevin Jackson, Project Manager, at 269-0641 or email kevin.jackson@alaska.gov or Alex Schlegel, Environmental Impact Analyst, at 269-0536 or email alex.schlegel@alaska.gov. Submit comments to Brian Elliott, Regional Environmental Manager, at brian.elliott@alaska.gov.

**February 10**

Deadline for comments for the **RECERTIFICATION of the PRINCE WILLIAM SOUND REGIONAL CITIZENS’ ADVISORY COUNCIL (PWSRCAC)** as the alternative voluntary advisory group for Prince William Sound, as authorized under the Oil Pollution Act of 1990. The application has been submitted to the U.S. Coast Guard, which is charged with assessing whether PWSRCAC fosters the general goals and purposes of OPA 90 and is broadly representative of communities and interests as envisioned under OPA 90. The recertification application is available for public review at [http://www.pwsrac.org/announcements/recertification-application-available-for-public-review/](http://www.pwsrac.org/announcements/recertification-application-available-for-public-review/). For more information, contact Brooke Taylor at (907) 277-7222, toll-free (800) 478-7221, or email brooke.taylor@pwsrac.org. Submit comments to LT Ian McPhillips.

February 11

CORDOVA – Comments are due on the proposal to issue an Alaska Pollutant Discharge Elimination System (APDES) to SHORESIDE PETROLEUM INC., CORDOVA BULK FUEL FACILITY in Orca Inlet. The facility consists of two separate tank farms (the upper and lower tank farms) with above ground fuel storage tanks, a truck rack, warehouse/office, and an oil/water separator. The tank farms and truck rack include secondary containment areas (SCAs). No fish habitat mixing zone in authorized. To see the draft permit, go to https://dec.alaska.gov/media/19148/ak0036994-drft-ip-20200109.pdf. To see the fact sheet, go to https://dec.alaska.gov/media/19149/ak0036994-drft-fs-20200109.pdf. For more information or to submit comments, contact Marc Bentley at 907-269-6287 or email marc.bentley@alaska.gov.

February 12

WASILLA – Comments are due on the notice of intent to begin engineering and environmental studies for VINE ROAD IMPROVEMENTS: KNIK-GOOSE BAY ROAD to HOLLYWOOD BOULEVARD. Construction for the proposed project is anticipated to begin in summer 2023. For more information, contact Christina Huber, Project Manager, at 269-0572 or Victoria Florey, Environmental Impact Analyst, at 269-0530. Submit comments to Brian Elliott, Regional Environmental Manager, at brian.elliot@alaska.gov.

February 14

KETCHIKAN – Comments are due on a proposal to AUTHORIZE SURFACE EXPLORATION ACTIVITIES on the CLEVELAND PENINSULA near HELM BAY WITHIN the KETCHIKAN MISTY FJORDS RANGER DISTRICT of the TONGASS NATIONAL FOREST. In September 2019, Agnico Eagle (USA) Limited, a Canada-based gold producer with mining operations in the United States, filed a plan of operation with the Forest Service proposing a surface exploration program in the Helm Bay area for the 2020 field season. Scoping Information for the proposed Helm Bay Exploration Project, as well as other project information, is available at https://www.fs.usda.gov/project/?project=56959. Your input is important and will help the project interdisciplinary team identify and address issues and concerns related to the proposed Helm Bay Exploration Project. For more information, contact Aaron Steuerwald, Team Leader at (907) 228-4123 or email aaron.steuerwald@usda.gov. Submit comments to sm.fs.atkmcomments@usda.gov and include Helm Bay Exploration Project in the subject line.

February 15

Deadline for comments on the PROPOSED CHANGES TO PARK COMPENDIUMS in ALASKA. A compendium – one for each NPS area in Alaska – is a compilation of designations, closures and restrictions adopted under the discretionary authority within the regulations covering national parks. This regulatory tool helps manage Alaska's national park areas for the public's enjoyment, use and protection. A handful of changes are proposed for this year. They include, but are not limited to: · All national park units in Alaska are proposing provisions governing the use of electronic bicycles (e-bikes); · Denali
National Park proposes to change the hours generators may be operated in the Riley Creek, Savage River, and Teklanika River campgrounds; Glacier Bay National Park proposes changes to the use of the Bartlett Cove dock; Lake Clark National Park is proposing to require bear resistant electric fencing when camping on national park lands along the coast; Katmai National Park proposes to relax parking restrictions at Lake Camp; Klondike Gold Rush National Historical Park is proposing changes related to use of the Dyea Campground and also proposes mandatory registration for overnight use of the Chilkoot trail during the shoulder seasons. Information on how to view all proposed changes and instructions on how to comment is available at https://www.nps.gov/locations/alaska/proposed-compendiums.htm.

February 17

Deadline for submission of applications for the RAILBELT RELIABILITY COUNCIL (RRC) to provide a forum and structure for the six (6) interconnected Railbelt utilities, along with six non-utility stakeholders, to work together to address Railbelt-wide regional electric system issues in order to ensure grid resilience and reduce long-term costs. Qualified organizations and individuals are sought to be part of a 12-member Implementation Committee that will develop the RRC. For more information and application information, go to www.alaskapower.org/rrc/.

**February 19

Comments are due on the application package for an OIL DISCHARGE PREVENTION AND CONTINGENCY PLAN required to commit adequate resources to meet all planning requirements for prevention and response for a realistic maximum discharge from the operations of KENAI PIPE LINE COMPANY (KPL) will conduct crude and non-crude oil transfer and storage operations from their Oil Terminal Facility located at Mile 22.5, Kenai Spur Highway. These operations include the delivery of crude and refined oil products via tankers and barges and the distribution of refined products to tankers and barges berthed at KPL. KPL operations also include the KPL Terminal and the Middle Ground Shoals pipeline. The KPL plan during this renewal will be combined with the current Kenai Refinery Storage Facility and Truck Terminal Oil Spill Prevention And Contingency Plan. Copies of the application package are available at http://dec.alaska.gov/Applications/SPAR/PublicMVC/IPP/CPlansUnderReview.

February 24

Deadline for applications to serve on the BLM'S ALASKA'S RESOURCE ADVISORY COUNCIL (RAC), a 15-member panel representing varied interest groups in Alaska. BLM is specifically looking for panel members from the following backgrounds: Alaska Native tribe, village, city, corporation, or non-profit representatives (elected officials welcome); hunting and shooting sport backgrounds; archaeological and historical backgrounds; national interest groups; developed outdoor recreation and guides; off-highway vehicle users (like four-wheeling and snow machining); and commercial or charter fishing guides. Members are appointed by the Secretary of the Interior to serve 3-year terms and may be reappointed. RAC members serve without salary but are reimbursed for travel and per diem expenses at current rates for government employees. For more information, contact Melinda Bolton at mbolton@blm.gov.

February 27
Deadline for comments on the 2018 DRAFT INTEGRATED WATER QUALITY MONITORING AND ASSESSMENT REPORT. Every two years, DEC is required to report on the condition of Alaska’s waters according to the federal Clean Water Act (CWA). This report categorizes waterbodies and includes the CWA reporting requirements for 305(b) and 303(d) list of impaired waters. The Integrated Report also helps the State prioritize waters for appropriate action such as data gathering, watershed protection, and restoration of impaired waters. The 2018 Integrated Report reflects changes to previous years’ reports. DEC is proposing a number of changes to existing waterbody classifications, including identifying healthy waters and removing waters from the impaired list where there are now plans in place or more recent data shows the water to be healthy. The full lists of waters and instructions for attending the public meeting remotely can be found on the DEC web site at https://dec.alaska.gov/water/water-quality/integrated-report/. For more information or to submit comments, contact Amber Bethe at 907-269-7955 or email bamber.bethe@alaska.gov.

**March 2 (DEADLINE EXTENDED)**

Deadline for applications for the 10 SUBSISTENCE REGIONAL ADVISORY COUNCILS has been extended. The extension will provide additional opportunities for candidates in remote communities to apply to serve on the Regional Advisory Councils, allowing better user representation of different subsistence regions on the Councils. Council membership appointments are typically for 3-year terms. Councils meet twice a year and provide advice and recommendations to the Federal Subsistence Board on subsistence management issues. Council members must be knowledgeable about the uses of fish and wildlife resources in their region. Individuals may apply for membership themselves, or an individual or organization may nominate someone for Council membership. The application and information about the application process are available at www.doi.gov/subsistence/regions. Information about the Federal Subsistence Management Program is available at www.doi.gov/subsistence.

May 15

Deadline for applications for ALASKA COASTAL SUMMER INSTITUTE (Summer 2020) FOR UNDERGRADUATE AND CONTINUING EDUCATION STUDENTS that is built around core experiences (each about a week in duration) hosted by local research agencies and community-organizations in the Kachemak Bay area. Each core experience determined by the partner agencies offers students insight into their most interesting and important research, community-based monitoring, and science communication work. Students will also attain job-related skills in research design, data collection, analysis, and scientific communication. A 2-Credit Science Communication Course (ENGL 278: Sharing Science with Diverse Audiences) is woven into each week of AK-CSI. New This Year, all students successfully completing the core experiences and required reflection activities will also receive 3 internship credits (BIOL 495A: Internship in the Biological Sciences) through the Kachemak Bay Campus-Kenai Peninsula College. The cost is approximately $4000; some scholarship assistance may be available, especially for residents of Alaska or students with the goal of working long-term in Alaska. For more information, go to https://www.akcoastalstudies.org/education-programs/alaska-coastal-summer-institute.html.

EVENTS & MEETINGS in ANCHORAGE, EAGLE RIVER & GIRDWOOD
**February 10**

The **CHUGACH STATE PARK CITIZEN ADVISORY BOARD** will meet at 6pm in the Atwood Building, 550 West 7th Avenue, Suite 102. The Chugach State Park Advisory Board consists of up to fifteen members who are selected to ensure representation of a variety of park user groups and interests. For more information, contact Kurt Hensel, Superintendent, at (907) 345-5014 or email kurt.hensel@alaska.gov.

**February 11**

**ALASKA BEYOND OIL**, A talk by author **KATE TROLL** will be held from 2:30 to 3:45pm in Room 117, UAA Arts Building. The world is moving beyond oil. By looking back at where Alaska’s economy has come since the pipeline boom started, noting new industries and growth within Alaska’s core industries, Kate Troll makes the case that Alaskans need not fear this shift in global energy policy. She also examines the ongoing clean energy economy and discusses how Alaska can benefit by joining in. Sponsored by The UAA/APU Books of the Year project. For more information, contact Libby Roderick at eroderick@alaska.edu. Free of charge, Parking may have fees.

**February 11**

**ALASKA’S FISCAL FUTURE OPTIONS** will be held from 7 to 9 pm at the 49th State Brewing Company. Please join Alaska Common Ground for an event discussing different fiscal options to move forward, from uses of Permanent Fund earnings, broad-based taxes, oil taxes, and additional substantial budget cuts as approaches to fill our state’s looming deficits.

**February 12**

**ANCHORAGE MOOSE SURVEY: HOW MANY MOOSE?** will be presented from 7 to 8pm at the Alaska Zoo Gateway Hall. Over the past three years, the ADF&G has recruited Anchorage residents to help study moose populations in the Anchorage Bowl. Learn from biologists **DAVID SAALFELD** and **DAVE BATTLE** exactly how Anchorage residents, just like you, are participating in this novel, DNA based, moose count and find out the preliminary results.

**February 13**

**THE SACRED PLACE WHERE LIFE BEGINS** will be shown with a discussion following will be shown from 6 to 7:30 at the 49th State Brewery. The 25-minute film is by **JEREMY LA ZELLE** and **KRISTIN GATES**. Join Defenders of Wildlife and the Alaska Wildlife Alliance to learn about your Arctic National Wildlife Refuge.

**February 14**
OWL YOU NEED IS LOVE - Fall in love with owls at this Valentine's Day workshop at the Campbell Creek Science Center from 7 to 9pm! Meet a live owl, dissect an owl pellet, and make an owl craft. Then take a night hike through the forest in search of Alaska's elusive owl residents and learn more about the different owls that call Anchorage home. The fee for adults is $12 or two for $20 and $6 for children; registration is required. Children four and under are free. This program is designed for all ages and will be held both inside and outside regardless of weather. Participants should dress for being outdoors in a place that is colder than the rest of Anchorage. Call 907-267-1247 to register.

**February 19**

Join the ALASKA WILDLIFE ALLIANCE from 7 to 8pm at the BP Energy Center as the Alaska Wildlife Alliance hosts CORY LESCHER, APU Graduate Student in the Fisheries, Aquatic Science and Technology Laboratory at Alaska Pacific University, to learn about his work RESEARCHING TRAWL-CAUGHT RED KING CRAB IN THE BERING SEA. Hear about Cory's work with fisheries bycatch reduction, and future projects with red king crab in Alaska. The Alaska Wildlife Alliance’s Wildlife Wednesday seminars are held every third Wednesday of the month, from 7-8pm at the BP Energy Center. The seminars are always free to the public and donuts are generously donated by Dino’s Donuts. To learn more about the Alaska Wildlife Alliance and view upcoming Wildlife Wednesday seminars, visit us online at www.akwildlife.org.

**February 19**

ALASKA’S RECORD-BREAKING HEAT will be presented at 7pm at the BLM Campbell Creek Science Center, 5600 Science Center Drive at 7pm. Summer 2019 was one for the record books. Warmer-than-usual temperatures broke weather records, encouraged wildfires, and worsened drought conditions around Alaska. National Weather Service Meteorologist DAVE SNIDER will discuss our weather and what future weather patterns may look like for Alaska. This program is free and open to the public. For more information, please call 267-1241.

**February 20**

BIRDING IN THE MIDDLE OF THE BERING SEA: ST PAUL ISLAND will be presented by SULLI GIBSON at the Anchorage Audubon meeting at 7pm at the BP Energy Center. Sulli Gibson will give a program on the flora and fauna, history, and experience of visiting the largest Pribilof Island: St. Paul. There will be a distinct emphasis on the unique birding experience of the island, from the seabird cliffs all the way to finding and predicting vagrants. There may be a perk for those that attend and are interested in visiting the island!

**February 21**

THAWING RELATIONS: HOW CLIMATE CHANGE SHAPES CANADA’S NATIONAL SECURITY in the ARCTIC AND PACIFIC NORTHWEST will be presented at Noon in UAA Rasmuson Hall 316. Dr. MIRIAM MATEJOVA, Economist, Environment Canada; Fellow, Norman Paterson School of International Affairs, Carleton University, will discuss how climate changes have shifted Canadian perceptions of security in the North and how these changes may affect Alaska. An expert on risk and disaster planning,
her presentation will also discuss ways to plan for uncertain futures, including scenario planning used in intelligence and military communities. Public is welcome and parking is free!

**MEETINGS & EVENTS OUT OF ANCHORAGE**

**February 7 (TELECONFERENCE AVAILABLE)**

FAIRBANKS - The 5TH AVENUE STAKEHOLDER GROUP MEETING #2 will be held from Noon to 2pm in the FAST Planning Office, 100 Cushman Street, Suite 205. The purpose of the meeting is to discuss design alternatives for the 5TH Avenue Reconstruction Project. To participate via telephone please call (907) 308-3810 Bridge ID#3278. For more information, contact: Jackson Fox, FAST Planning Executive Director, at 205-4276; email jackson.fox@fastplanning.us or go to www.fastplanning.us.

**February 8**

HIGH EFFICIENCY BUILDING TECHNIQUES for COLD CLIMATES will be presented from 4 to 6pm at the Anchorage Unitarian Universalist Fellowship, 2824 E 18th Avenue. Hear how builders in northern climates are building high efficiency buildings in cold climates and how they have adapted their techniques to meet local building codes and work with local building appraisers and credit unions to offer financing. CANADIAN-BASED SUN CERTIFIED BUILDERS COOPERATIVE LIMITED will provide an overview of their techniques and homes they have built and retrofitted. This workshop is hosted by Alaska Center for Appropriate Technology Find out more about Sun Certified building techniques in this CBC video and Climate Change Connection video on a Passive House retrofit and on their website. Free, donations are welcome. For more information, go to www.acat.org. For more information, go to www.acat.org.

**February 11**

CORDOVA - FAR AWAY ISLANDS and ENDANGERED SPECIES will be presented by Dr. RICHARD HARPER on the at 7pm on the 3rd floor of the USFS building on the unique species of birds and animals that have developed on isolated islands. They are superbly adapted to the environment of their home. When humans arrive and bring pets and other new creatures, the native species often struggle to adapt to the new conditions. We will look at the mid-Atlantic Islands of St Helena and Ascension and the Chatham Islands part of New Zealand's outlying islands and some of the creatures that call these places home. For more information, call (907) 424-5800 or go to pwssc.org.

**February 11, 18, 25, & March 3**

FAIRBANKS - The 2020 SCIENCE FOR ALASKA LECTURE SERIES will be held at 7p.m. at Raven Landing Center. Lectures are offered live in Fairbanks and online, as well as on DVDs that are accessible through the Alaska library system. The 2020 lectures and dates are:
February 11 - NOT-SO-PERMANENT PERMAFROST? with LOUISE FARQUHARSON, research associate, UAF

February 18 - HOW to TALK to a SATELLITE with DENISE THORSEN, professor of electrical and computer engineering, UAF

February 25 - ALASKA AFTERSHOCKS: THE 2018 ANCHORAGE EARTHQUAKE with MATT GARDINE, seismologist, Alaska Earthquake Center, UAF

March 3 - AURORASAURUS: HOW YOU CAN GET INVOLVED in AURORA RESEARCH, with ELIZABETH MACDONALD, space physicist, NASA Goddard Space Flight Center

For more about the lectures, please visit the series website or the Facebook event page.

**February 12**

FAIRBANKS - The FAIRBANKS FISH & GAME ADVISORY COMMITTEE will hold a public meeting in the Tanana Valley Fisheries Center at the Ruth Burnett Sport Fish Hatchery at 6:30 pm. Agenda items will include: • Wood Bison Management Group; choose representative; • Discuss Interior Board of Game Proposals, To include GMU 20 antlerless moose reauthorization; • Choose representative to attend Interior Board of Game meeting. Electronic proposals can be found at http://www.adfg.alaska.gov/index.cfm?adfg=gameboard.proposalbook&boardcycle=2018-2019. For more information, contact Nissa Pilcher at 907.459.7263 or email nissa.pilcher@alaska.gov.

**February 12 (TELECONFERENCE AVAILABLE)**

KODIAK - The KODIAK FISH & GAME ADVISORY COMMITTEE will hold a public meeting in the Kodiak ADF&G Chiniak Conference Room, at 1:15pm. Agenda items will include: • Statewide King and Tanner Crab proposals 256-258; • Additional proposals if requested; • Other miscellaneous business. To participate by teleconference first dial 1-800-504-8071, then enter the access code: 8425142#. For more information, contact Taryn O’Connor-Brito at 907.842.5142 or taryn.oconnor-brito@alaska.gov.

**February 12 (TELECONFERENCE AVAILABLE)**

FAIRBANKS - FAIRBANKS AREA SURFACE TRANSPORTATION (FAST) PLANNING POLICY BOARD will mee from Noon to in the Fairbanks City Council Chambers, 2nd Floor City Hall. Main Agenda Items include: * PM2.5 Non-Attainment Area Congestion Mitigation and Air Quality Funding Project Priority List; * FAST Improvement Program Design Increase; * Fairbanks Area 2020 Construction Projects Guest Presentation by DOT; * FAST Planning Website Tour; * Road/Rail Crossing Reduction/Realignment Plan. To participate via telephone please call (907) 459-6769. For more information, please contact: Jackson Fox, FAST Planning Executive Director, at (907) 205-4276, Email jackson.fox@fastplanning.us or go to www.fastplanning.us.

February 12
SITKA - SITKA FISH & GAME ADVISORY COMMITTEE MEETING will be held at 6pm at the Sitka Fish & Game Advisory Committee will meet at 6pm at University of Alaska Southeast. Agenda items include: Proposals for regulatory changes to be considered in 2020 by the Alaska Board of Fisheries; AC Officer Elections; ADF&G Staff briefings on Rockfish and Shrimp; Report on Citizen's Climate Lobby; and Other business. For further information, contact AC Chair Jon Martin at 747-7752 or email jmart118@alaska.edu or Secretary Andrew Thomas at 907-747-7509 or email andrew@sitkawild.org.

**February 13**

JUNEAU – LOCAL BIRDS by LOCAL PHOTOGRAPHERS is the program for Juneau Audubon Society at 7 pm in UAS Egan Lecture, Room 112. Great Backyard Bird Count (GBBC) will be held, February 14, through Monday, February 17. Visit the official website at birdcount.org for more information.

February 13

SITKA - SITKA AREA STATE PARK ADVISORY BOARD will meet at Noon at Centennial Hall. The board has vacant seats open to fill, this is your opportunity to share your opinions about how best to manage and preserve the unique natural, cultural and historic Sitka community state parks, while enhancing the recreational opportunities and enjoyment for all visitors and future generations. The advisory board should consist of a wide range of ages, personal interests, recreational users, backgrounds, and career patterns to better provide for diversity of the opinions, feedback and ideas. For more information or to apply, contact Juneau State Park office at 465-4563 or the Sitka field office at 747-3007.

**February 18**

CORDOVA - The COPPER RIVER/PRINCE WILLIAM SOUND FISH & GAME ADVISORY COMMITTEE will hold a public meeting in the PWS Aquaculture Corp. Board Room at 7pm. Agenda topics include: • Elections for expired seats; • Officer elections; • Unit 6 Wildlife; • Planning for 2020 Southcentral Board of Fish meeting. For more information contact Tom Carpenter at 424-3101 ADF&G Boards Support at 907-267-2354.

February 20

FAIRBANKS - The YUKON FLATS FISH & GAME ADVISORY COMMITTEE will hold a public meeting in the Fireweed Room at Pikes Landing at 2pm. Agenda items include: Discussion of Interior Board of Game Proposals and Election of member to attend. For more information, contact Nissa Pilcher at 907.459.7263 or email nissa.pilcher@alaska.gov.

**February 22**
PALMER - PALMER HAY FLATS EXPLORATION DAY will be held from 10am to 2pm at S. Rabbit Slough. Enjoy a day playing in the snow, learning about winter habitats, and celebrating a new addition to the hay flats that everyone can enjoy! This will be a free, family-friendly event with activities, snacks and hot drinks, and fires to warm your fingers by.

ITEMS of INTEREST

**ONLINE RADON HAZARDS MAP** is now available for Alaskans concerned about the possible presence of radioactive, cancer-causing radon gas in their homes at maps.dggs.alaska.gov/radon. Radon is the second leading cause of lung cancer deaths in America, and claims the lives of more than 21,000 Americans each year. The map is available While the map shows where radon may occur, indoor radon concentrations can vary greatly from building to building. Testing is the only way to know for sure whether a home has radon concentrations above the Environmental Protection Agency’s (EPA) Action Level of 4 picocuries per liter. For more information about the online map, radon testing and building repair, or participation in the Alaska Radon Database project, contact project leads Jennifer Athey at 907-451-5028 or email jennifer.athey@alaska.gov or Art Nash at 907-474-6366 or email alnashjr@alaska.edu or call the toll-free Alaska radon hotline, 1-800-478-8324. Additional information on radon in Alaska is available from at dggs.alaska.gov/hazards/radon.html, and UAF at www.uaf.edu/ces/foodhealth/radon/.

**DRAFT ALASKA MARINE HIGHWAY SYSTEM (AMHS) ECONOMIC RESHAPING REPORT** is available at http://dot.alaska.gov/project_info/. The report sought to identify potential reductions to the State of Alaska’s financial obligation and/or liability as related to the AMHS. Findings from the report will be used to shape future AMHS conversations, starting with the FY2021 budget. The report will remain in draft status as these conversations continue.

Bureau of Land Management is developing a **SUPPLEMENTAL DRAFT ENVIRONMENTAL IMPACT STATEMENT** for ConocoPhillips Alaska, Inc.’s proposed WILLOW MASTER DEVELOPMENT PLAN located in NPR-A (NATIONAL PETROLEUM RESERVE IN ALASKA) based on changes made by the company in response to multiple stakeholder concerns and public comments. The project proposal includes the construction, operation and maintenance of an oil and gas development that may include one central processing facility, an infrastructure pad, up to five drill pads with up to fifty wells on each pad, access and infield roads, an airstrip, pipelines and a gravel mine. The Willow MDP Project is anticipated to have a peak production of 130,000 barrels of oil per day over its 30-year life (producing approximately 590 million barrels of oil) and would help offset declines in production from the North Slope oil fields and contribute to the local, state and national economies. In addition to other adjustments to CPAI’s original proposal, the supplemental draft EIS primarily addresses a revision that removes construction of a module transfer island previously analyzed in Alternative B of the draft EIS. The company’s **NEW PROPOSAL REPLACES CONSTRUCTION OF THE ISLAND WITH A PLAN TO TRANSPORT MODULES VIA SEALIFT BARGE TO AN EXISTING DOCK AT OLIKTOK POINT**, for ice road transport across the Colville River near Ocean Point. The BLM expects to have the supplemental draft EIS available for review and comment in Spring 2020. CPAI’s updated proposal contains design optimizations for each project component of Alternative B, in addition to the new module transport option, and the supplemental draft EIS will be developed with information provided by the BLM, cooperating agencies and various stakeholders. For a link to the Willow Master Development Plan Environmental Impact Statement site, along with all other current BLM Alaska planning efforts, go to www.blm.gov/alaska/comment123.
The 50th ANNIVERSARY CHUGACH PARK FUND was established to enable Alaskans of all abilities to experience the beauty of Chugach State Park by enhancing trails and facilities. Chugach State Park receives minimal state funding for maintenance and construction. Much of the work that occurs in the park is financed by federal grants and non-profit partners. With this in mind, and in anticipation of the park's The FUND IS RAISING $50,000 of the $100,000 TOTAL PROJECT COST to gain matching grants and CONSTRUCT a NEW, EASIER-TO-USE LITTLE O'MALLEY TRAIL to access the Ball Field. This goal is possible with the help of businesses, community organizations and individuals who care deeply about improving trails in Chugach State Park for this and future generations.

VOLUNTEER OPPORTUNITIES

**Volunteers are needed for the ALASKA BELUGA WHALE MONITORING PARTNERSHIP (AKBMP) that is gearing up for its spring monitoring season March 15th to May 15th and needs volunteers! All ages are welcome to volunteer as a citizen scientist and support Cook Inlet Beluga Whale recovery. As a citizen scientist volunteer, you'll acquire knowledge about Cook Inlet belugas and their conservation needs and contribute to the collection of scientific data on beluga distribution and behavior at one of our monitoring sites. Joining AKBMP is also a great way to get outdoors and meet other citizen scientists. Those interested should visit www.akbmp.org or email alaskabmp@gmail.com to find out more!**

The ALASKA QUIET RIGHTS COALITION (AQRC) invites NEW BOARD MEMBERS. AQRC is a non-profit organization that has worked with land management agencies for 25 years to protect the natural soundscape. The soundscape is a critical resource that needs to be fully recognized and protected for the value it contributes to Alaska’s wildlands, residents, visitors and wildlife. Please consider joining the AQRC board of directors. For more information go to www.alaskaquietrights.org and contact Brian Okonek at president@alaskaquietrights.org.

COMPLIANCE OFFICER for the SIERRA CLUB ALASKA CHAPTER to serve as Election Law Compliance Officer to the Chapter, advising those involved in the chapter’s political program about how to conduct political activities to ensure compliance with the provisions of its own state and local election laws, as well as Sierra Club policies and restrictions. **No state or local political activity may be undertaken by a sierra club entity without a compliance officer. Responsibilities:** Ensure that the political campaign activities of the chapter adhere to all applicable state and local election regulation and reporting requirements. This includes responsibility for compliance with the laws and regulations.
pertaining to direct and in-kind contribution limits, public and member communications, fundraising restrictions, and the reporting of campaign contributions and expenditures. Serve as a compliance resource for the Chapter’s political program. Keep informed of any changes in regulations and reporting changes in filing dates and requirements for various state and local elections types, the application of 501(c)(4), and independent expenditures, and other information relating to the Chapter’s state and local campaign-related activities. Maintain a permanent file of campaign reports and correspondence and pass the file on to compliance officer’s successor. If interested in applying, please send an email to alaska.chapter@sierraclub.org.

BIRD TREATMENT AND LEARNING CENTER is recruiting for BOARD MEMBERS who have an interest in serving our nonprofit mission to present living science education that instills understanding and appreciation for wild birds and their habitats, and to provide primary medical treatment, rehabilitative care, and potential release for sick and injured wild birds. For more information email taramshea@gmail.com.

YUKON-KUSKOKWIM DELTA NEST PLOT SURVEY has TWO or THREE POSITIONS for this cooperative project between the U.S. Fish and Wildlife Service Migratory Bird Management, and the YUKON DELTA NATIONAL WILDLIFE REFUGE. This survey serves as the primary monitoring tool to measure recovery of the threatened Spectacled Eider in western Alaska and also provides data for many waterbirds, including Emperor and Brant Geese, Common Eiders and two loon species. This long-term survey has been possible only by keeping costs to a minimum; thus, we cannot cover salary. We will cover travel costs from Anchorage to the field; crews will get to field sites via float plane or skiff from the Yupik village of Chevak. We provide all food and equipment and all training costs. The survey, travel and prep time takes approximately 3 weeks and starts during the second week of nesting. On average, data collection begins on June 1, but we have started as early as May 27 and as late as June 11 so some flexibility in your schedule is required. This is an exciting project to be on, but it puts you into the outdoors that not everyone is familiar with; it’s a real exposure to isolated living and working conditions and is not for everyone. This said, it is an incredible place to camp and boat; the days are long, and the birds are thick. Before we know it the flood of waterbirds will be on nests along the coast of the Bering Sea and we’ll be there with them (link to Cornell video on the area at https://www.youtube.com/watch?v=4yyMEoqG0jA). To send a resume or inquire further, please contact Dennis Marks at dennis_marks@fws.gov and Julian Fischer at julian_fischer@fws.gov.

SITKA - A FULL-TIME AMERICORPS VOLUNTEER for PACIFIC HIGH SCHOOL to run their unique school meal program in which fresh, nutritious, homemade meals are prepared and served by students as part of a service-based culinary arts class. PHS has recently developed a school garden that is adjacent to the kitchen/lunch area, from which culinary herbs, salad greens, and root vegetables are grown and harvested for use in the breakfast/lunch program. The ideal candidate will have basic food preparation skills and the ability to follow recipes precisely, strong computer literacy, and comfort working with at-risk students in an alternative school setting. The volunteer must be able to problem solve independently and be flexible enough to meet changing school and student needs. This is a full-time position serving 1700 hours over the course of one year. For more information, please contact Mandy Summer, PHS principal, summerm@sitkaschools.org or call 907.966.1375.

INTERNSHIPS

**INSTITUTE for TRIBAL ENVIRONMENTAL PROFESSIONALS, 2020 STUDENT SUMMER INTERNSHIP, Apply now for a paid 8-week summer internship. Spend your summer working with tribal organizations to address tribal environmental issues. The internships have a technical, educational or policy focus. We are offering 8 positions in air quality. The internship program provides each student intern with a $4,000 stipend, and limited housing and travel allowances. Host sites are selected from tribal environmental organizations, government offices, the US Environmental Protection Agency (USEPA) and others. Please register at nau.edu/itepinterns for more information. Deadline: February 28.**
**2020 KENAI WATERSHED FORUM CONSERVATION INTERNSHIP (KWF)** is seeking highly motivated, environmentally-minded college applicants for internships under their invasive species, environmental science, and Stream Watch programs! These positions serve as phenomenal opportunities for students to gain experience in areas such as data collection, water quality monitoring, angler outreach/education and invasive species management, beginning in May and lasting through August. For more details and information on how to apply, please see the position description on the KWF website: https://kenaiwatershed.org/event/2019-summer-education-restoration-internships/ or email via maggie@kenaiwatershed.org. Applications are due by February 14 at 12 pm.

The **ALASKA CONSERVATION FOUNDATION TED SMITH CONSERVATION INTERNSHIP PROGRAM** is now taking applications for intern positions. Since 2000, the program has placed over 300 talented students in summer internships with organizations throughout Alaska. The program is specifically targeted toward students who plan a career path in conservation and are willing to make a long-term commitment to preserving and protecting the pristine environment and diverse cultures of Alaska. **Deadline for applications is February 16.** For more information, including application and eligibility requirements, go to https://alaskaconservation.org/2020/01/seeking-summer-interns/.

**COLLEGE INTERN III** for the **ALASKA DEPARTMENT of ENVIRONMENTAL CONSERVATION, DIVISION of WATER** will focus on office and field activities supporting environmental research with a focus on water and sediment quality. Primarily this position will research scientific literature on water quality, draft literature reviews on water quality related topics, and assist with electronic data entry and review. This may include the downloading and review of data for completeness, entering data into a database, and maintaining electronic and paper files. Data will be reviewed, visualized and checked for quality control using spreadsheets, databases and GIS. This position will assist in taking data and relaying it to a variety of audiences. The position will be a member of field team collecting water quality data, as well as all other duties associated with field work such as cleaning equipment, gathering supplies, and participating in related trainings. A training plan detailing specific elements and activities will guide the incumbent and supervisory staff to ensure learning objectives are thoughtfully instructed and evaluated. To see complete job description and apply go to https://www.governmentjobs.com/careers/alaska/jobs/2671655/college-intern-iii-pcn-18-in2001.

**2020 ALASKA CENTER FOR ENERGY & POWER (ACEP) UTILITY STUDENT INTERNSHIPS** - Are you a junior or senior engineering, computer science, math, economics student with a 3.0+ GPA and an interest in working on energy projects to benefit Alaskan communities? Are you interested in gaining hands-on experience in the utility industry across the state, on the railbelt or in remote communities? Join UAF’s **ALASKA CENTER for ENERGY and POWER'S PROGRAM** connecting UA students with utilities in communities across the state. Join our team for Spring/Summer 2020! Go to http://ausi.alaska.edu for more information or contact Heike Merkel at 970.718.2817 or email hmerkel@alaska.edu. Interns will be partnered with one of Alaska’s utilities for a 12-week summer assignment. Interns can anticipate working with technical staff and field personnel on assignments that could include effective system management, asset deployment and integration, equipment performance analysis, and stakeholder consultation.

**POSITIONS AVAILABLE**

**INTERPRETIVE GUIDE** for the **MUSK OX FARM** for the summer 2020 season. We will train the proper individuals in interpretive education techniques, the history of the project, natural history of musk oxen, and the history of our Colony Farm. The strongest applicants will have studied education, wildlife, ecology or biology. Due to the nature of our business, gracious customer service skills in a busy environment are a necessity. The position runs from May through the end of September 2020, with possible options to continue through the winter part time. For more information. Go to https://www.muskoxfarm.org/current-job-openings. Interested parties should email a resume to Dani Biersteker at dani@muskoxfarm.org

**OUTDOOR SCHOOL PROGRAM MANAGER** for the **KENAI MOUNTAINS-TURNAGAIN ARM NATIONAL HERITAGE AREA** in Anchorage. The Anchorage Outdoor School (AOS) is a 3-day
residential outdoor school program for 4th and 5th graders at the U.S. Forest Service’s Begich Boggs Visitor Center in Portage Valley. Our program’s mission is to connect students with Alaska public lands through three days and two nights of place-based, outdoor, active learning. For many children, AOS is their first experience hiking in a forest, wading in a stream, or seeing a glacier. The program is run in partnership with the Anchorage School District and a team of experienced outdoor education professionals. For a full job description - http://kmtacorridor.org/wp-content/uploads/2019/11/KMTA_Outdoor_School_Program_Manager.pdf. **Deadline for applications is February 28.**

**INSTRUCTOR 2020** for **BELL: AK** to be part of a 5-person staff team that develops and implements a set of experiential lessons to create a transformative learning opportunity. The staff team consists of one On Site Director and 3 – 4 instructors. The staff team is responsible for teaching and traveling with approximately 30 students as they visit Anchorage and the Kenai Peninsula to learn about pressing environmental issues. As a team, the BELL staff support students' personal growth, intellectual curiosity, and social responsibility while fostering a welcoming and inclusive community. Because BELL students and staff live and learn together, instructors have a unique opportunity to bridge and cultivate learning in and outside of a conventional classroom. For complete job description and application information, go to https://drive.google.com/file/d/1VbaJgZKMksOv83Yc22HgT17Sr0dzBSjC/view.

**GRANT WRITER / WRITER** contract position with the **EYAK PRESERVATION COUNCIL**. Based in Cordova, with a satellite office in Anchorage, EPC is a successful grassroots non-profit organization with ecological and cultural preservation projects in the Prince William Sound, Copper River Delta and Gulf of Alaska region. EPC is focusing on collaborations and growth as a Waterkeeper organization. We are looking for an experienced grant writer with journalistic tendencies; applicant would be part of a multifaceted team and have an understanding of the indigenous perspective, the nature and significance of our work and the commitment and passion necessary regarding the issues the organization undertakes. Tasks include: funding research, report writing, engaging updates, newsletters, and web updates. Applicants should possess superior writing and grammar skills, the ability to work independently and meet deadlines attention to detail, ability to understand financial and budget parameters, and familiarity with Alaska Native Claims Settlement Act (ANCSA) and Native subsistence issues. Work can be done remotely; stays in Cordova are welcomed. Pay is hourly DOE. Position available now. Pls. send resume / Bio to: eyak@redzone.org.

The **STUDENT CONSERVATION ASSOCIATION** is hiring **field leaders** for the summer. Our leaders are comfortable living and working in backcountry settings across the state, supporting crews of 5 to 8 people. Crews typically work on trail maintenance, construction, or exotic plant management. The Project leader position works with young adults for 20 weeks, starting mid-April. The HS Leader position works alongside a co-leader with high school students from Alaska for a month at a time, starting mid-May. Training is provided to all leaders. Applications are received on a rolling basis and positions will be filled as soon as possible. **Qualifications:** Must be a minimum of 21 years of age; Current WFR & CPR certification; Valid driver’s license required; **Compensation:** $725/week (including training weeks), paid travel to/from training and site, food provided during programs, access to group gear. **To Apply:** Go to https://www.thesca.org/ and click Login or Apply. Create a profile, complete the basic application and then select the Leader Application when prompted. Please be sure to upload a cover letter, resume and 3 references. In order to be considered, you must complete an application and email mwood@thesca.org when your application is complete. For more information, contact Mary Wood at mwood@thesca.org or 907-538-3024. More information on the two positions, go to **Project Leader Information:** https://www.thesca.org/alaska-corps-project-leader; **High School Leader Information:** https://www.thesca.org/alaska-high-school-crew-leader.

**STEM EDUCATOR** for **RENEWABLE ENERGY ALASKA PROJECT (REAP)** to join its clean energy education and training team. The STEM Educator will assist with REAP’s education and outreach efforts to K-12 educators and students through classroom visits and teacher trainings, curriculum development and review, and general outreach and promotion of energy education to stakeholders around the state. **Minimum Qualifications:** Bachelor's degree or five years of experience in a relevant field;
Willingness to travel within Alaska at least 1-2 times a month; Experience teaching in Alaska K-12 classrooms, and/or other relevant teaching, professional or educational background. **Deadline for applications is February 21.** To apply, email cover letter, résumé, one letter of recommendation, 2-4 other references, and a writing sample to Colleen Fisk at education@realaska.org. To see the full job descriptions, go to [http://alaskarenewableenergy.org/index.php/2020/01/17/reap-is-hiring-a-stem-educator/](http://alaskarenewableenergy.org/index.php/2020/01/17/reap-is-hiring-a-stem-educator/).

**STEWARDSHIP COORDINATOR** for the SOUTH EAST ALASKA LAND TRUST (SEAL) to be responsible for stewarding and managing SEAL Trust’s 37 conservation properties; supporting land protection projects; assisting with outreach activities; and, general organizational support. This full-time (non-exempt) position is located in Juneau (with travel throughout Southeast Alaska). Complete position description and application instructions can be found at [https://www.southeastalaskalandtrust.org/about/staff/career-opportunities/](https://www.southeastalaskalandtrust.org/about/staff/career-opportunities/). **Deadline for applications is February 14.**

**SUMMER FIELD LEADERS for 2020** for the ALASKA GEOGRAPHIC and its partners for a series of 1-2 week programs that engage young people from all over Alaska. We are looking for people who are passionate about the outdoors and have experience leading backcountry trips, including: • **Sea Kayak Field Leader** - Our Kayak Expeditions take Alaskan high school students and teachers into remote Prince William Sound to learn wilderness skills and complete work projects. Sea kayak guiding experience required. • **Trail Crew Field Leader** - Our trail crews camp in remote areas and complete trail work and conservation projects on the Chugach National Forest. As a leader, you are responsible for participant safety and the daily logistics of the project. • **Documentarian Positions** and **Assistant Field Leader Positions** available for several of the youth expeditions. Document the program through photographs, videos, and participant interviews. Photo and video equipment provided by Alaska Geographic. The season begins in late May and ends in August. A full season of work is available for the right candidate. Field Leaders are required to have a current Wilderness First Responder (WFR) or Wilderness First Aid (WFA) medical certification.

Visit [www.akgeo.org/about-alaska-geographic/employment](http://www.akgeo.org/about-alaska-geographic/employment) for full position descriptions or send resume and cover letter to William Melton at wmelton@akgeo.org or call 907-771-8466 for more information.

**FULL-TIME ACCOUNTING TECHNICIAN** for the PRINCE WILLIAM SOUND REGIONAL CITIZENS’ ADVISORY COUNCIL to be responsible for accounts payable processing, contract records administration, travel and other financial records management, general ledger reconciliations, and other duties as assigned. This position requires college-level accounting, financial experience working in a non-profit environment, and experience using Great Plains Dynamics or similar products. An accounting degree is preferred, although recent college graduates in accounting or related fields will be considered. Competitive compensation - $23 - $26+ DOE. To apply, please submit a detailed application packet including cover letter, resume and three professional references to jobs@pwsr.ac.org. Position open until filled. A detailed job description may be found at [www.pwsr.ac.org](http://www.pwsr.ac.org).

**FULL-TIME DONOR RELATIONS OFFICER** the MAT-SU TRAILS AND PARKS FOUNDATION to build relationships with MSTPF donors, manage direct mail, grow monthly giving, and communicate with the public. Mat-Su Trails and Parks Foundation needs someone who will effectively promote our values and create a philanthropic powerhouse out of a young fundraising program bristling with potential. This position has flexibility depending on the candidate's skills and experience. We will provide training and professional development for the right person. For more information please visit the job advertisement here. Questions? Please contact Wes Hoskins at whoskins@matsutrails.org.

**DISTANCE LEARNING COORDINATOR** for the ALASKA ZOO EDUCATION DEPARTMENT to develop and lead videoconferencing distance learning programs, distance learning program coordination, booking and invoicing, and assisting with various education events and presentations. Animal experience is essential, and candidate must be willing to handle a variety of education ambassador animals, including but not limited to reptiles, birds and mammals. Candidate must possess the ability to work well individually and as a team and must be comfortable instructing and presenting to all age groups. Excellent
communication, organization and time management skills are a must. The ability to develop science-based program activities built to educational standards with a creative flare is also essential. Candidate must have a clean background and submit to a full background check, in addition to holding a valid Alaska driver’s license. Work hours will vary with some evenings, overnights and weekends required based on program schedules. This is a full-time, year-round, permanent position with benefits. The starting pay of the position is $13.00 per hour, 40 hours per week. Interested parties should email a cover letter and resume to Stephanie Hartman at slhartman@alaskazoo.org. To see full job description, go to https://static1.squarespace.com/static/59b9ecdabeabf8293096530/t/5d3b78686c1e8300017114a9/1564178537143/Job+Description+-+Distance+Learning+Coordinator.pdf.

DEVELOPMENT DIRECTOR for MAT-SU TRAILS AND PARKS FOUNDATION. MSTPF works within the community to build a wild, accessible, and world-class trails and parks system in the Mat-Su Valley. Come join a small but mighty team to plan and implement our fund development program. This is a full-time position based in the Valley with offices in Palmer. Starting salary range is $50 to 55k/year, DOE. To read more and apply, go to https://matsutrails.org/news-and-events/.

FULL-TIME, YEAR-ROUND EDUCATIONAL OUTREACH and VOLUNTEER COORDINATOR for the ALASKA WILDLIFE CONSERVATION CENTER to teach others to care about and care for Alaska’s wildlife, all while working in beautiful Portage, Alaska. The Outreach & Volunteer Coordinator will serve as developer and coordinator for public programs and volunteers. Minimum Requirements/Experience • BA or BS in Education or equivalent work experience. • Must have Valid Alaska Driver's license with an acceptable driving record. • Must be able to pass a background check. • Must work a flexible schedule including nights, weekends, and holidays. To see the complete job description, go to https://www.alaskawildlife.org/wp-content/uploads/2019/06/Educational-Outreach-Volunteer-Coordinator-Job-Description-.pdf. To apply please send resume, cover letter, and 3 references to Lily@alaskawildlife.org.

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