**Marks new items in this issue.**

August 15, 2019
Compiled weekly by Peg Tileston on behalf of Trustees for Alaska, The Alaska Center, and The Alaska Conservation Foundation.

CONFERENCES, WORKSHOPS, SEMINARS, SPECIAL EVENTS

August 23, 24 & 25
FAIRBANKS - TANANA VALLEY SANDHILL CRANE FESTIVAL will be held at Creamer’s Field Migratory Waterfowl Refuge, 1300 College Road. Featured Guest Speaker GARY IVEY, Featured Artist HERB MELCHIOR. Lectures each day, silent auction, Quilt Raffle, Tex Mex dinner and more! Some events take place at other locations in town. See the schedule for the times and places of each event. All proceeds support Friends of Creamer’s Field and Camp Habitat. See the schedule at www.friendsofcreamersfield.org. For more information, contact Barbara Logan, at (907) 452-5162 or Cell & Text: (907) 347-6018.

August 26 – December 9 (Mondays)
ANCHORAGE MASTER GARDENER CLASS will be held from 5 to 8pm at the Anchorage Outreach Center on the 4th floor Loussac Library with instructor: GINA DIONNE. This 40-hour class provides a broad horticultural background and includes the topics of botany, soils, vegetable production, using organic and conventional techniques, Integrated Pest Management, greenhouses, lawns, houseplants, trees/shrubs, flowers and invasive plants. The Alaska Sustainable Gardening/Master Gardener textbook is included in the class fee. To earn the title ”Alaska Master Gardener”, participants must complete 40 hours of community service involving horticulture. The cost of the class is $300. Those who complete their 40 hours of community service within 1 year of class start will get a $100 rebate. Those who just want the information are welcome to enroll but will not receive the title or the rebate. Find out more about the Master Gardener Program at www.uaf.edu/ces/garden/mastergardeners/. The cost of the class is $300. Those who complete their community service within one year of the class start date will receive a $100 rebate. For more information and to register, go to http://bit.ly/Anch_MG19 or contact Gina Dionne at 786-6313 or email gddionne@alaska.edu.

September 3 – December 10 (Tuesdays)
PALMER - A new session of MASTER GARDENER TRAINING will be held from 6 to 9pm on Tuesdays at the Matanuska Experiment Farm and Extension Center, 1509 S. Georgeson Drive. STEPHEN BROWN, the agriculture and horticulture agent for the University of Alaska Fairbanks Cooperative Extension Service, will lead the training. The 40-hour horticultural training will cover botany, soils, vegetable production using organic and conventional techniques, integrated pest management, greenhouses, lawns, houseplants, trees, shrubs, flowers, and invasive plants. The fee of $300 includes materials and a copy of Extension’s sustainable gardening handbook. Participants must complete 40 hours of community service involving horticulture to become an Alaska master gardener. Students who complete their community service within one year of the class start date will receive a $100 rebate. For more information and to register, go to http://bit.ly/AK_MG19 or contact Stephen Brown at 907-745-3639 or email scbrown4@alaska.edu.

**September 8 -13**
Climate scientist Dr. KATHARINE HAYHOE will be in the following locations to discuss CLIMATE CHANGE:

**September 8 – 11 - FAIRBANKS** (contact Tina Buxbaum or Charley Basham for information)
**September 11 – 12 – ANCHORAGE** (see specific events under Anchorage segment below)

**September 13 - JUNEAU** (contact Stuart Cohen for information)

Dr. KATHARINE HAYHOE is an atmospheric scientist whose research focuses on developing and applying high-resolution climate projections to understand what climate change means for people and the natural environment. She is a professor at Texas Tech University and directs its Climate Science Center. In addition to researching climate science, Katharine is also a remarkable communicator, talking about climate change in an accessible way with a wide variety of audiences. She is especially successful at speaking with people of faith and conservatives, given her background as an evangelical Christian. Katharine has served as a lead author for the Second, Third, and Fourth U.S. National Climate Assessments. She has also received the National Center for Science Education’s Friend of the Planet award, the American Geophysical Union’s Climate Communication Prize, the Sierra Club’s Distinguished Service award, and the Stephen H Schneider Climate Communication Award. Dr. Hayhoe has been recognized as one of Fortune Magazine's 50 World's Greatest Leaders and Time Magazine's Top 100 Most Influential People. The Fairbanks Climate Action Coalition and UAF initiated her visit to Fairbanks and have partnered with others, including The Wilderness Society, to organize her visits to Anchorage and Juneau.

September 17 – 19
JUNEAU - 2019 ALASKA SECTION OF ALASKA WATER RESOURCES ASSOCIATION ANNUAL MEETING will be held in the Centennial Hall Convention Center. This year’s theme is: WATER RESOURCES in a CHANGING LANDSCAPE. The annual conference is an opportunity for collaboration among physical, biological, and social scientists, engineers, and other professionals concerned with water resource research, planning, development, management, and education. See the list of proposed sessions and topics below include: Weather and water Extremes (including drought); Water rights; Habitat (fish); SE AK hydrography; Landslides; Geospatial data and modeling; Glacier dam outburst floods - workshop or session; Coastal hydrology/processes; Hazards; Applied, impacts, and social sciences; and Other Related Topics. The end of early registration and the deadline to submit abstracts for 15 minute talk or a poster session is August 17. Student Travel Grant: Travel grants up to $500 are available to offset costs for student presenters. Students applying for a 2019 travel grant must be traveling to the conference and be presenting a poster or talk. Please e-mail the conference chair at awra.alaska@gmail.com to be considered for a student travel grant. For more information, go to https://www.ak-awra.org/ameetings/2019am/.

**September 25 - 27**
TALKEETNA – The 4th ANNUAL CONFLUENCE: SUMMIT on the OUTDOORS. with emphasis on STRENGTHENING GATEWAY COMMUNITIES. Town planners, economic development staff and volunteer boards, rec planners, public land managers and elected officials will convene to learn, share and leave this event with more tools and resources to strengthen connections between communities and public lands for better economic, health and social well-being. The summit is sponsored by CONFLUENCE AK whose mission is to strengthen businesses, improve lives and stimulate local economies through Alaska’s outdoor recreation sector. To see the full agenda, go to https://www.confluenceak.com/agenda. To register, go to https://www.confluenceak.com/talkeetna-registration. For information on Confluence AK, go to https://www.confluenceak.com/home.

September 26 – December 13; October 2 - 30
CONCERNED ABOUT CLIMATE CHANGE AND ENERGY COSTS? LEARN ABOUT CLEAN ENERGY with these ONLINE courses offered this fall through UAF-Bristol Bay Campus:

**September 26 – December 13 - INTRODUCTION to SUSTAINABLE ENERGY**, ENVI F220 (3 credits), Tuesday/Thursday: 5:30-7:30pm.

**October 2 – 30 - HOME ENERGY BASICS**, ENVI F120 (1 credit), Oct. 2-30, Wednesdays, 5:20-8pm.
October 3
ANCHORAGE - The ALASKA CONSERVATION FOUNDATION’S ANNUAL CONSERVATION ACHIEVEMENT AWARDS RECEPTION honoring the 2019 recipients and celebrating their inspiring contributions to Alaska’s conservation movement will be held from 6 to 9pm at the Anchorage Museum, 625 C Street. The reception will include appetizers, a no-host bar, presentation of the awards, and excellent opportunities greet friends and meet new ones. Attendees of age will receive one complimentary drink. 2019 awardees are:
- Lifetime Achievement Award – JIM STRATTON, Anchorage
- Celia Hunter Award for Outstanding Volunteer Contributions – MICHAEL MCKIMINS, Craig
- Olaus Murie Award for Outstanding Professional Contributions – POLLY CARR, Anchorage
- Denny Wilcher Award for Young Environmental Activists (2) – KARL PFIEFFENBERGER, Seward and CATE GOMEZ, Dillingha
- Daniel Housberg, Wilderness Image Award for Excellence in Film or Video – DREW HAMILTON, Anchorage/Homer
- Jerry S. Dixon Award for Excellence in Environmental Education – KRISTEN ROMANOFF, Juneau
- Caleb Pungowiyi Award for Outstanding Achievements by an Alaska Native Organization or Individual – HEATHER KENDALL MILLER, Anchorage
- Lowell Thomas, Jr. Award for Outstanding Achievements by a Conservation Organization ALASKA LONGLINE FISHERMEN’S ASSOCIATION (ALFA), Sitka.

to see the full biography of the awardees, go to https://alaskaconservation.org/community-resources/achievement-awards/award-recipients/.
Tickets are General Admission: $40; Student Admission: $20 and can be purchased at https://alaskaconservation.org/community-resources/achievement-awards/tickets/. Tickets will be available online until midnight the night before the event. Provided we still have availability, tickets will also be for sale at the door on the day of the event (although it’s easier for us if they’re purchased online!). For more information or assistance, contact Carley O’Connell at coconnell@alaskaconservation.org or call 907.433.8206. All are welcome so we hope you’ll join us for the gala event.

WEBINARS & TELECONFERENCES

August 21 (WEBINAR)
WHAT IS AN ATMOSPHERIC RIVER and HOW DO ALASKA NATIONAL WEATHER SERVICE FORECASTERS MONITOR THESE IMPACTFUL EVENTS on COMMUNITIES and the HYDROLOGIC CYCLE?

will be held at 11am with AARON JACOBS, NWS Juneau & MARTIN RALPH, Scripps Institution of Oceanography

Atmospheric rivers (ARs) have the ability to transport large amounts of water vapor from the tropics poleward into the upper latitudes that can have positive and negative effects on the environment and society. This talk will review what we know of ARs, how forecasters monitor these events, what type of impacts they can have on communities of Alaska and ongoing research particular to Alaska. Registration HERE.

August 22, September 26 (WEBINARS)
ARCTIC COMMUNITY ENERGY PROGRAM (ACEP) is hosting a free webinar series to discuss renewable energy projects. The series will feature Alaskans sharing how such projects have helped communities improve their energy and food security. Participants can learn about advocating for supportive energy policy, working on renewable energy projects and understanding the technical aspects of energy integration. Click on the linked webinar titles below to register. All webinars begin at 9am. Alaska time. The dates are:

**August 22** - POLICY AND ENERGY with CHRIS ROSE (Renewable Energy Alaska Project)

**September 26** - GEOTHERMAL ENERGY for POWER and HEAT with GWEN HOLDMANN (Alaska Center for Energy and Power)

Each webinar will be livestreamed online through registration links. Webinars will include a 15- to 25-minute presentation followed by time for questions and discussion. The presentations will be recorded and posted for access via the ACEP website. For more information on the Arctic Community Energy Webinar Series, contact Amanda Byrd at agbyrd@alaska.edu.

**August 28 (TELECONFERENCE AVAILABLE)**

PALMER - STATE BOARD OF FORESTRY to hold a meeting by from 8am to 2:45pm in the Div. of Forestry’s Coastal Region Office, 101 Airport Road to discuss statewide forestry issues. Topics on the Board’s agenda for the meeting include: • Annual resource agency and Board of Forestry reports on the effectiveness of the federal Forest Resources and Practices Act; • Forestry and forest practices budgets for the 2020 fiscal year, starting July 1; • Education campaign on new wildland fire prevention laws; • Coastal forest management issues, including reports on Tongass Roadless Rule litigation, the Mental Health Trust land exchange, timber sales under the state-federal Good Neighbor Agreement, and salvage harvest potential of beetle-killed spruce in the Matanuska-Susitna Borough; • Statewide forest management issues, including reports on Division of Forestry timber sales and Forest Resources and Practices Act implementation; • Presentations on a blowdown prediction/reduction modeling and a trails/outdoor recreation initiative. Other forestry matters may be included on the agenda. Public comment is scheduled for 10am. The board meeting will be accessible via both teleconference and webinar. Teleconference call-in locations will be available in JUNEAU, at DNR’s fourth floor Conference Room A at 400 Willoughby Ave.; ANCHORAGE, at DNR’s offices at 550 W. Seventh Ave., Suite 1450; FAIRBANKS, at DNR’s large conference room at 3700 Airport Way Those outside of Anchorage, Fairbanks, or Juneau seeking to participate in the teleconference should contact Alison Arians at the Division of Forestry in Anchorage at alison.arians@alaska.gov or at 907-269-8467 no later than Noon on August 26. If no one has contacted her and no one is present at a teleconference site by 9am, the teleconference at that site may be terminated.

**GRANTS/AWARDS/SCHOLARSHIPS/FELLOWSHIPS/CONTESTS/RFPs**

**August 20**

Deadline for applications for the KENAI MOUNTAINS-TURNAGAIN ARM (KMTA) NATIONAL HERITAGE AREA BIENNIAL GRANT to be reviewed at the September 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://www.kmtacorridor.org/grants/.

September 4
Deadline for pre-proposals (Letter of Intent) for the 2020 COMMUNITY BASED REMOVAL GRANT through the NOAA MARINE DEBRIS PROGRAM (MDP). This opportunity provides funding to support projects that will create long-term, quantifiable ecological habitat improvements for NOAA trust resources through on-the-ground marine debris removal activities, with priority for those targeting derelict fishing gear and other medium- and large-scale debris. Typical awards will range from $50,000 to $150,000 for projects ranging from 1-3 years in duration. If invited, full proposals must then be by December 4. The NOAA Marine Debris Program supports the development and implementation of locally driven, marine debris prevention, assessment, and removal projects that benefit coastal habitat, waterways, and NOAA trust resources. Projects awarded through this grant competition will create long-term, quantifiable ecological benefits and habitat improvements for NOAA trust resources through on-the-ground marine debris removal activities, with highest priority for those targeting derelict fishing gear and other medium- and large-scale debris. Projects should also foster awareness of the effects of marine debris to further the conservation of living marine resource habitats, and contribute to the understanding of marine debris composition, distribution and impacts. For more information, go to https://marinedebris.noaa.gov/funding/funding-opportunities or 4644466 or https://marinedebris.noaa.gov/sites/default/files/NOAA-NOS-ORR-2020-2006162%20Full%20Announcement.pdf or contact Tom Barry at tom.barry@noaa.gov or call 240-533-0425.

September 15
Deadline for applications for THE 2020 - 2023 COMMUNITY TRANSPORTATION PROGRAM (CTP) PROJECTS. There are two sets of criteria for this project nomination opportunity: 1) Urban and Rural, and 2) Remote. Communities not connected to the road system by road or ferry are considered Remote. All other communities are considered Urban and Rural. The total funding available for this CTP nomination opportunity is approximately $50 million and may be adjusted based on the project nominations received. Please note that your area planners are available to help prepare project nominations and develop project estimates. Please contact your area planner as early as possible with your project idea. Please direct any questions to your regional planner. For more information, including the application and the area planner map, go to http://www.dot.state.ak.us/stwdplng/cip/stip/projects/2023_ctp_peb.shtml or call (907) 465-4070 or email dot.stip@alaska.gov.

**September 19
Deadline for submission of abstract for the SOLID & HAZARDOUS WASTE and RECYCLING TRACK for the ALASKA TRIBAL CONFERENCE on ENVIRONMENTAL MANAGEMENT. ATCEM is organized by the Alaska Native Tribal Health Consortium and is an annual gathering that brings together Tribes, Non-Profits, Rural Municipal and Borough Community Leaders, State and Federal organizations, for a week of environmental conversations. The discussions focus on finding and implementing solutions to address the unique environmental concerns facing Alaskan communities. This year ATCEM will be November 19-22 and it will be held at the downtown Hilton in Anchorage. The Solid Waste Track offers presentations on successful projects and topics that are relevant to rural Alaska. Have you completed a successful recycling project, finished a research project, implemented an innovative technology, or have expert advice on being a Landfill Operator or a Heavy Equipment Mechanic, etc. to share? If you would be comfortable with presenting for 40 minutes in front of a group of 30-80 at this conference, please fill out and submit the abstract form at http://www.atcemak.com/wp-
September 30
Deadline for the KENAI MOUNTAINS‐TURNAGAIN ARM (KMTA) NATIONAL HERITAGE AREA PHOTO CONTEST. Amateur and professional photographers are invited to submit images that capture the essence of the Kenai Mountains-Turnagain Arm National Heritage Area (KMTA) or speak to KMTA’s role in preserving, promoting and protecting the national heritage area. For more info go to www.kmtacorridor.org/photocontest or contact karenlewis@kmtacorridor.org.

September 30
Deadline for applications for the DENALI NATIONAL PARK & PRESERVE 2020 ARTIST‐IN‐RESIDENCE PROGRAM to help share the unique story of Denali through art. The Artist‐in‐Residence program is dedicated to exploring new ways for visitors to experience the park; from hundreds of competitive applications each year, about a half‐dozen accomplished artists, writers and composers are invited by the park superintendent to spend time in one of the park’s historic ranger patrol cabins in the park. Travel to the park is the artist’s responsibility. During their residencies, artists are required to lead a public outreach activity and may be asked to donate a finished work to the program collection. Artists are challenged to create works that convey a fresh and innovative perspective of Denali drawn from direct experience. Artists are also encouraged to provide additional outreach when they return to their homes. Applications are accepted only through an online process hosted by CaFÉ (CallForEntry.org). Applications submitted after the deadline will not be considered. Artists unable to apply using the CaFÉ system should contact the program administrator. For more information about the Artist‐in‐Residence program, application requirements and the selection process, go to nps.gov/DenaliArt or contact Cinnamon Dockham at cinnamon_dockham@nps.gov or call 907‐683‐9581.

October 1
Deadline for application for the CHILDREN’S NATURE PROGRAMS and CONSERVATION INITIATIVES GRANTS funded by the PAPOOSE CONSERVATION WILDLIFE FOUNDATION whose mission is to perpetuate the world’s diversity of species and their habitats and to engage children in nature to learn about and witness the wonders of wildlife. The Foundation provides grants of up to $5,000 to nonprofit organizations throughout the country for programs that take place in the United States or internationally. Grants are awarded in the following two categories: The focus of the Children in Nature category is on programs that offer opportunities for children to explore nature or that expand children’s appreciation of nature. The Applied Conservation category funds projects that focus on free‐ranging wildlife or plant species and support the conservation of the species in their natural habitat. Visit the Foundation’s website to review the funding guidelines at https://papoosewildlife.org/grant‐applications/.

October 17
Deadline for applications for the SMALL GRANTS PROGRAM, an a competitive, matching grants program that supports public‐private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act. These projects must involve long‐term protection, restoration, and/or enhancement of wetlands and associated uplands habitats for the benefit of
DEADLINES

August 21
SEWARD – Comment are due on the Draft Environmental Assessment (EA) to IMPROVE the AIRPORT in SEWARD by closing Runway 13-31 and upgrading Runway 16-34 by relocating/reconstructing it, raising it above the 100-year flood level, and extending it to 3,300 feet long. The project website can be found at www.dot.state.ak.us/creg/sewardairport. The Draft EA can be reviewed at: http://www.dot.state.ak.us/creg/sewardairport/documents.shtml. Submit comments to Brian Elliott, Environmental Manager, at brian.elliott@alaska.gov with “Seward Airport” in the subject line.

August 21
FAIRBANKS - Scoping comments are due on the proposed FORT WAINWRIGHT POWER PLANT ENVIRONMENTAL IMPACT STATEMENT (EIS) to gather information to prepare an (EIS) to address heat and electrical generation and distribution upgrades at Fort Wainwright. The current condition of the heat and power plant, one of the oldest coal-fired central heat and power plants (CHPP) in the United States, and its aging heat distribution system requires an upgrade to provide reliable heat and electrical infrastructure for the installation that resolves safety, resiliency, fiscal, and regulatory concerns. The scoping process will help identify reasonable alternatives, potential environmental impacts, and key issues of concern to be evaluated in the EIS. Based on the information presented in the EIS, the Department of the Army will determine which of the identified heat and power generating alternatives would be implemented. Learn more and comment here.

August 26
Comments are due on two proposed general permits to ALLOW APPLICATION of SPECIFIC PESTICIDES to CONTROL INVASIVE AQUATIC SPECIES, INCLUDING INVASIVE FISH SPECIES and the INVASIVE PLANT ELODEA. Elodea presents a significant risk to the environment. It is an invasive aquatic plant that has the potential to grow abundantly and compromise water quality, hinder boat and float plane traffic, reduce dissolved oxygen, and impact fisheries. It has been identified in a number of lakes, ponds, and sloughs in Alaska in recent years. DEC has developed two general permits to allow application of specific pesticides to control invasive species in water bodies in Alaska. Only elodea control projects overseen or managed by the Alaska Department of Natural Resources (DNR) Invasive Plant Program would be eligible for coverage under the proposed general permit. Only water bodies with minimal or no outflow would be treated under the proposed general permit. This general permit will allow only the use of specific pesticide formulations with the active ingredients fluridone or diquat dibromide. Only invasive fish control projects overseen or managed by the Alaska Department of Fish & Game (DF&G) would be eligible for coverage under the proposed general permit. This general permit will allow only the use of specific pesticide formulations with the active ingredient rotenone. Invasive fish present a significant risk to the environment, particularly native fish. To see the permits and support document, go to https://aws.state.ak.us/OnlinePublicNotices/Notices/Attachment.aspx?id=118565,
August 28
THORNE BAY - Deadline for comments on the preliminary written finding by the director of the Div. of Forestry on the proposed BAY VIEW TIMBER SALE located on the Prince of Wales Island, approximately 1/4 mile east of the public floatplane and harbor of the city Thorne Bay. Before this sale may be held, the Director of the Division of Forestry will make a written final decision that the sale is in the best interest of the State. This decision will set out the facts and applicable policies upon which the Director bases his determination that the proposed timber sale will or will not best serve the interest of the State. The harvest unit is approximately 640 acres and contains approximately 14,600 MBF of timber. This volume will be negotiated and sold in the form of one or multiple sales. The sale(s) will require in-state manufacture and will be a negotiated contract. The public is invited to comment on any aspect of the preliminary decision. For more information or to submit comments, contact: Greg Staunton at 907-225-3070 or email greg.staunton@alaska.gov. To see the decision, go to https://aws.state.ak.us/OnlinePublicNotices/Notices/Attachment.aspx?id=118434.

August 28
TONGASS NATIONAL FOREST – Deadline for comments on the proposal by the Tongass Forest Supervisor to AMEND the FOREST PLAN. The Record of Decision (ROD) for the Forest Plan includes the desire to “…transition away from old growth timber harvesting and towards a forest products industry that uses predominantly second-growth – or young growth forests”. The Forest Plan includes direction to “…evaluate which lands will be available for timber harvest, especially young growth timber stands, which lands should be excluded, and additional opportunities to promote and speed transition to young growth management…”. In order to meet the need to transition to predominantly young growth harvest the Forest Plan contains direction (plan components) for project implementation. It also includes direction on when to consider amending the Forest Plan: “If monitoring shows continued conflicts or problems in implementing the management direction, a Forest Plan amendment may be necessary.”. Background: Timber harvest activities in old and young growth stands are allowed on suitable land, including on some areas of karst land. Karst is an area of soluble rocks (typically limestone) where dissolution of underground layers may result in areas of well-developed surface drainage like sinkholes or caves. The amount or type of karst in an area is determined by surveys that rate how vulnerable karst is to management activities. Karst vulnerability ratings are assigned based on the degree to which karst has developed. Karst development ranges from lands with deep glacial till and no surface karst features (low vulnerability) to lands with caves and sinkholes (high vulnerability). The proposed amendment is for young growth harvest on moderate vulnerability karst which is identified as having some glacial till coverage and visible surface karst features but no sinkholes or caves. Proposed Action: The proposed amendment would remove Forest Plan Standard that requires on lands identified as moderate vulnerability karst, the maximum size of any created opening for commercial timber harvest must not exceed 10 acres with a maximum removal of 35 percent of the acres of the original harvested stand. In addition, the Standard would be amended to state that
commercial timber harvest including even-aged management is allowed on lands identified as low and moderate vulnerability karst following the guidelines and using an interdisciplinary process to determine the management prescription to maintain the natural processes and productivity of the karst landscape. The programmatic amendment affects only young growth timber harvest on moderate vulnerability karst on the Tongass National Forest. For more information, including maps, go to https://www.fs.usda.gov/project/?project=55198. Comments can be submitted through the above website or to comments-alaska-tongass@usda.gov and include MVK Amendment in the subject line. For more information contact Sue Jennings, at 907-789-6238 or email susan.jennings@usda.gov.

August 29
ANCHORAGE – Deadline for applications for the next LEADERSHIP ANCHORAGE CLASS, a HUMANITIES FORUM program that develops the skills, knowledge, perspective, and networks needed to be an effective and compassionate leader for our city, and our state. It’s unique in its emphasis on the humanities, diversity, working within the community, and interaction with mentors. Learn more by joining alumni and staff for an Open House on August 26 from 5:30 to 7pm. For more information go to https://www.akhf.org/leadership-anchorage.

September 3
NORTH POLE - Comments are due on the proposal to renew an AIR QUALITY CONTROL OPERATING PERMIT for GOLDEN VALLEY ELECTRIC NORTH POLE POWER PLANT. This public notice is for the draft operating permit only. The potential annual emissions of regulated air contaminants at the facility are: 102 tons of particulate matter (PM-10), 3,970 tons of nitrogen oxides (NOX), 2,347 tons of sulfur dioxide (SO2), 128 tons of carbon monoxide (CO), and 4 tons of volatile organic compounds (VOC). The total potential emissions of regulated air contaminants is 6,551 tons per year. The draft operating permit and statement of basis are available at http://dec.alaska.gov/Applications/Air/airtoolsweb/AirPermitsApprovalsAndPublicNotices. For more information or to submit comments, contact Scott Faber at (907)269-6883 or email scott.faber@alaska.gov.

September 3
NORTH SLOPE - Comments are due on the proposal to reissue the AIR QUALITY CONTROL OPERATING PERMIT for the MILNE POINT PRODUCTION FACILITY operated by HILCORP ALASKA, LLC, for its oil and gas exploration and production operation. The potential annual emissions of regulated air contaminants at the facility are: 38 tons of particulate matter (PM-10), 722 tons of nitrogen oxides (NOX), 41 tons of sulfur dioxide (SO2), 358 tons of carbon monoxide (CO), and 121 tons of volatile organic compounds (VOC). The total potential emissions of regulated air contaminants is 1,280 tons per year. The draft operating permit and statement of basis are available at http://dec.alaska.gov/Applications/Air/airtoolsweb/AirPermitsApprovalsAndPublicNotices. For more information or to submit comments, contact Scott Faber at (907)269-6883 or email scott.faber@alaska.gov.

September 3
SEAL ISLAND, SIX MILES OFFSHORE, BEAUFORT SEA - Comments are due proposal to issue AIR QUALITY CONTROL OPERATING PERMIT for the NORTHSTAR
PRODUCTION FACILITY from HILCORP ALASKA, LLC for its oil and gas production facility. The potential annual emissions of regulated air contaminants at the facility are: 62 tons of particulate matter (PM-10), 585 tons of nitrogen oxides (NOX), 206 tons of sulfur dioxide (SO2), 1443 tons of carbon monoxide (CO), and 583 tons of volatile organic compounds (VOC). The total potential emissions of regulated air contaminants is 2879 tons per year. The draft operating permit and statement of basis are available at http://dec.alaska.gov/Applications/Air/airtoolsweb/AirPermitsApprovalsAndPublicNotices. For more information or to submit comments, contact Scott Faber at (907)269-6883 or email scott.faber@alaska.gov.

September 3.
Comments are due on the proposal to issue an AIR QUALITY CONTROL OPERATING PERMIT for the BELUGA RIVER POWER PLANT located on the west side of Cook Inlet.
Applicant: CHUGACH ELECTRIC ASSOCIATION. This public notice is for the draft operating permit only. The potential annual emissions of regulated air contaminants at the facility are: 148 tons of particulate matter (PM-10), 5,830 tons of nitrogen oxides (NOX), 68 tons of sulfur dioxide (SO2), 1,484 tons of carbon monoxide (CO), and 42 tons of volatile organic compounds (VOC). The total potential emissions of regulated air contaminants is 7,572 tons per year. The draft operating permit and statement of basis are available at http://dec.alaska.gov/Applications/Air/airtoolsweb/AirPermitsApprovalsAndPublicNotices. For more information or to submit comments, contact Scott Faber at (907)269-6883 or email scott.faber@alaska.gov.

EVENTS & MEETINGS in ANCHORAGE, EAGLE RIVER & GIRDWOOD

Now to September 14
The ALASKA PUBLIC LANDS INFORMATION CENTER (APLIC) in the old federal building (guests have to go through security upon entrance) at 605 W 4th Avenue will feature discussion on the following topics at 2pm:

Mondays - “No One Eats Like We Do” with discussions on subsistence uses of plants, fish and mammals in Alaska,

Tuesdays - “Stories from the Forest” centered around Alaska’s national forests and to celebrate Smoky Bear’s 75th anniversary,

Wednesdays - “Women of the Wilderness” will showcase the achievements women have made to science, culture, and history in Alaska,

Thursdays - “Alaska Zoo days” where staff from the Alaska Zoo will come to the center with an animal companion to give programs and presentations,

Fridays - “Coffee with a Scientist” where a local scientist comes into the theater and gives a presentation on their area of study or expertise while free coffee and cookies are provided to those in attendance,

Saturdays –“Bird TLC Days” where folks from the Bird Treatment and Learning Center bring a rehabilitated bird to the center and discuss how they rehabilitate and release the treated birds.

Sundays - “Rangers Choice” when the topic of choice is up to the ranger to decide.
The programs are open and free of charge to all. APLIC is open from 9am-5pm daily. For more information, call 907-644-3661 or contact Mary Kate Repetski, at mary_repetski@nps.gov, James Fess, at james_fess@partner.nps.gov, or go to www.alaskacenters.gov.

August 17
PLASTIC POT RECYCLING ONE DAY ONLY DROP-OFF will be held from 10am to 5pm at the Alaska Botanical Garden. Plastic gardening containers only, trays and cell packs. Please remove dirt, rinse and remove any metal hangers. Please, NO wooden or fiber planters. Recyclers can take away pots for reuse, too! Please, do not drop off any bags of pots at the Garden before the day of the event. This is a one-day event only.

**August 17**

**CELEBRATE ALASKA ZOO 50TH ANNIVERSARY** from 10am to 4pm. Enjoy live music, a talk at 1pm, “Celebrating 50 Years at the Alaska Zoo Through Pictures”, animal exhibits, and more. To see the full schedule, go to [www.alaskazoo.org](http://www.alaskazoo.org).

**August 17 & 18**

**GIRDWOOD – 12th ANNUAL ALYESKA BLUEBERRY FESTIVAL** will be held in the Alyeska Resort & Hotel Alyeska, Pond Courtyard to a celebration of the lush blueberry season. Lots of family-oriented activities. For more information, go to [https://www.alyeskaresort.com/events/festivals/blueberry-festival-1](https://www.alyeskaresort.com/events/festivals/blueberry-festival-1).

**August 21**

**MUSHROOM FAIR** will be held at 7pm at the BLM Campbell Creek Science Center, 5600 Science Center Drive. Local mushroom enthusiasts will share their knowledge about mushrooms through posters, discussion, and specimens from all over southcentral Alaska. Bring specimens from your own backyard to identify! For more information, please call 267-1241.

**August 21**

Join the **ALASKA WILDLIFE ALLIANCE** for a presentation by **KATIE ANDERSON**, UAA graduate assistant, on **ALASKAN MOOSE** from 7 to 8pm at the BP Energy Center 1014 Energy Court. Learn about the life of a moose and what they look for in a habitat. She will also discuss her current research on how fire affects forage quality and moose nutrition and the current status and threats to moose populations.

**August 28**

The **Wilderness Society** will be sponsored at the **Fire Island Rustic Bakeshop’s** Airport Heights location, 2530 E 16th Avenue, from 3 to 7pm. The **ANCHORAGE BREWING COMPANY (ABC)** will release an “**ARCTIC REFUGE IPA**” at the market in recognition of the need to protect the Arctic Refuge. ABC staff will be serving the IPA in a beautifully designed 16oz can that you can enjoy responsibly in Fire Island’s beer garden. ABC is creating a limited addition beer with the primary goal of raising awareness on the need to protect the Refuge. The Wilderness Society team will be passing out swag and providing information about the organization and the grassroots efforts to protect the sacred National Arctic Wildlife Refuge.

**August 28**

Celebrate the **RENEWABLE ENERGY ALASKA PROJECT’S (REAP) 15TH YEAR of POWERING ALASKA’S CLEAN ENERGY FUTURE** from 6 to 10pm at the King Street Brewing (9050 King St., Anchorage). Schedule: 5:30 - VIP Reception with speakers for Energy Visionary donors (become an Energy Visionary donor at [realaska.org](http://realaska.org) before the event for access to this reception); 6:30 - Speakers, stories, and auction - we will be having a live auction and hear stories from REAP’s 15 years of work. Speakers include the former Colorado Governor and current Director of the Center for the New Energy Economy, **BILL RITTER**. Also speaking will be **SENATOR LISA MURKOWSKI**: 8pm - Live music from Blackwater Railroad Tickets
available at accelerants.com/e/REAP15YearCelebration. For more information or to inquire about sponsorship opportunities contact us at 907-929-7770 x5, or jfischer@realaska.org.

**September 5**
The BRAINERD FOUNDATION is co-hosting a special evening event with THE ALASKA CENTER EDUCATION FUND, and its sister organization THE ALASKA CENTER, TO CELEBRATE ITS ACHIEVEMENTS AND ENVISION A FUTURE OF HOPE and possibility for Alaska from 5:30 to 7:30pm in the Anchorage Museum, Chugach Gallery. The Alaska Center Education Fund is one of our foundation’s smartest investments, and so far, we’ve given more than $2 million to its work. What sets it apart is its incredible ability to mobilize Alaskans of all ages, and from all corners of the state, to fight for clean air and water, healthy communities, and a strong democracy. Its civic engagement work has registered more than 50,000 new voters, and its policy advocacy is making climate action and resiliency possible. Its Alaska Youth for Environmental Action program is unlike any other in the US, fostering more than 5,000 home-grown advocates for conservation. The Alaska Center Education Fund fights for salmon, fishermen, small business owners, and indigenous leaders against corporate interests, including the Pebble Mine. This organization can only do its important work with you and our support. That’s why we invite you to celebrate with us and to participate in The Alaska Center Education Fund’s vision for our home and our future.

**September 11 & 12**
CLIMATE, ENERGY & ANCHORAGE will be presented by Dr. KATHERINE HAYHOE at the following locations:

**September 11 – SHAPING ALASKA’S ENERGY FUTURE: How Alaskans Can Meet Their Energy Needs And Tackle Climate Challenges** will be held from 7 to 8:30 at the Wendy Williamson Auditorium, UAA

**September 12 – FAITH, CLIMATE and LOVING OUR NEIGHBOR** will be presented from 7 to 8:30pm at the First Christian Community Church, 4240 Wisconsin St.

**September 12 – A NEW GENERATION PROTECTING OUR CLIMATE** is a YOUTH PIZZA PARTY for high school & college aged students will be held from 5:30 to 6:30pm at the Faith First Christian Community Church, 4240 Wisconsin St. Hear Dr. Hayhoe (see biography above under “Conference”) talk about how Alaskans can meet their energy needs while responding to the challenges and opportunities that climate change raises.

MEETINGS & EVENTS OUT OF ANCHORAGE

August 17
FAIRBANKS – 1st ANNUAL NORTHBOUND MUSIC FESTIVAL will be held from 5 to 9:30pm at the Northern Alaska Environmental Center, 830 College Road. This year's lineup includes Tim Easton, The Lost Lakers, and Hannah Corral. Get your tickets now and enjoy a night of music, art, and food! Community organizations will be tabling, along with food from HARD Eats, drinks from Goldie's AK, and Alaska art vendors. Buy your tickets online here: http://bit.ly/northbound19 Proceeds from the festival benefit the work the Northern Center does in Interior Alaska for protections in the North. Facebook link is https://www.facebook.com/events/988213311517968/

August 17
HOPE - MINESHAFT GRINDER RACE will be held to celebrate the mining history by ushering racers up PALMER CREEK ROAD IN THE INAUGURAL MINESHAFT GRINDER. Participants will choose between Gold, Silver, or Quartz Grinders. The Gold Grinder is an uphill-only bike race for riders to grind up ~1900’ gain over ~11 miles. At the end of Palmer Creek Road, riders may opt to work their claim for a time deduction by hauling a bucket of rocks a short distance along the roadway before joining friends for an untimed social ride back down. Runners will race both up and down hill, turning at ~2 miles with ~300’ gain for the Quartz Grinder or at the switchbacks ~4 miles in with ~1200’ gain the Silver Grinder Quartz and Silver Grinders (Running): $35 adults, $15 youth. Start: 10:30amGold Grinder (Biking): $50 adults, youth contact the race director for entry. Start 10am. For more info go to www.kmtacorridor.org/mineshaft or contact liaslemons@kmtacorridor.org.

August 17
SITKA - Join SMOKEY BEAR in CELEBRATING HIS 75TH BIRTHDAY at the newly rebuilt Sawmill Creek Campground on from 10am to 1pm. Smokey will share his birthday cake at 11am and be available for pictures. Children’s activities related to fire prevention will be included.

August 20
ANCHOR RIVER – Pubic open house will be held from 5:30 to 7:30pm at the Anchor Point Senior Center to discuss the proposal to REMOVE AND REPLACE the ANCHOR RIVER BRIDGE at Milepost 8.4 on the Old Sterling Highway. The project will widen the bridge from one to two lanes, add 6-foot shoulders to the Old Sterling Highway and within the project limits, raise the roadway south of the bridge to reduce the likelihood of seasonal floods overtopping the Old Sterling Highway, and improve approaches, striping, and signage. The new bridge will not have load or height restrictions. For more information, go to http://dot.alaska.gov/creg/anchor-river The public may attend at any time during the scheduled hours. If you have questions or comments, contact Robin Reich, Public Involvement Coordinator, Solstice Alaska Consulting, at 907-929-5960 or solsticeak@solsticeak.com.

August 21 & 22
DENALI NATIONAL PARK & PRESERVE – Public information meetings will be held on the following dates:

August 21 – WONDER LAKE RANGER STATION from 11am to 8pm - open house format

August 22 - MURIE SCIENCE AND LEARNING CENTER from 5:30 to 7:30pm

Denali National Park and Preserve seeks feedback on KANTISHNA and WONDER LAKE PLANNING EFFORT. The National Park Service is exploring ways to provide and support additional recreational use in the Kantishna and Wonder Lake areas. A range of proposals covering infrastructure, management, visitor experience, guided experiences, and visitor capacity are described in the Kantishna and Wonder Lake Area Plan: Range of Proposals for Public Feedback. Additional information about the planning effort and a copy of this document is available at https://www.nps.gov/dena/getinvolved/kantishna-plan.htm. In combination with the public feedback, park staff intend to complete an operating cost analysis, visitor capacity study, and cultural and wetland studies to shape alternatives for a future compliance document. The Wonder Lake and Kantishna areas encompass the last 8 miles of the single 92-mile Park Road, a historic mining area, access to Denali’s designated wilderness, and some of the most well-known views of Denali and the Alaska Range. Written comments may be submitted at http://parkplanning.nps.gov/kantishnaplan. Comments due through September 17. For more information about the Kantishna and Wonder Lake Area Plan, go to
August 24

**COOPER RIVER - RUSSIAN RIVER STEWARDSHIP CLEANUP DAY** will be held beginning at 10am to take down seasonal fencing and informational signs that keep humans and bears safe and protect salmon habitat during fishing season. Volunteers will receive a free Defenders t-shirt, as well as pizza and an opportunity for free camping at the Russian River Campground. Come prepared for rain or shine with sturdy walking shoes, including rubber boots. Camping is free and available that evening and the night before. This is an excellent opportunity to help out bears, salmon and other wildlife that call the Russian River home. The clean-up is sponsored by Defenders of Wildlife, U.S. Forest Service and the Chugach National Forest. Please RSVP to Jen Christopherson at jchristopherson@defenders.org or call 907-276-9420.

**ITEMS of INTEREST**

**RESEARCHERS DOCUMENT CHANGES to PRESERVE**

Findings of this study indicate that these long-term warmer temperatures may result in changes to habitat and vegetation patterns across vast areas of the state that will affect how humans and wildlife use these lands. After comparing data from the two national park areas, researchers confirmed that higher number of broadleaved tree species such as cottonwood, birch, and aspen occur in warmer, more fire-effected locations. Unexpectedly they also discovered that spruce species grow widely under the same conditions in both parks, except in locations with the hottest, driest conditions, i.e. very steep, south-facing slopes in Yukon-Charley Rivers. These findings show that cooler areas of Alaska’s interior may support modest increases in forest cover as climate warming continues, until temperature increases, and fire disturbance become more extreme than conditions documented in this study. A summary of the study is available at [https://www.nps.gov/articles/bor.htm](https://www.nps.gov/articles/bor.htm), and the full study at [https://doi.org/10.1002/ecm.1369](https://doi.org/10.1002/ecm.1369).

**UNITED TRIBES OF BRISTOL BAY** is selling **RAFFLE TICKETS** to support their work to protect Bristol Bay and fight Pebble Mine. Tickets are $50 for one or 3 for $125, and the winner receives either $5,000 cash or a 2019 Honda 4-Wheeler. (The 4-wheeler is in Dillingham and the winner is responsible for shipping to any other community.) Only 400 tickets will be sold, with the drawing on August 10 (Wild Salmon Day). Tickets available by calling the UTBB Office at 907-842-1687.

**ANCHORAGE WATERWAYS COUNCIL (AWC)** is working on the scoping for a **CAMPBELL CREEK WATERSHED PLAN**. The resulting plan will be a document that guides how we manage, improve, and care for this great Anchorage asset. If you float it, fish it, bike its trail, or just enjoy nature—**PLEASE PARTICIPATE in THIS SURVEY** at [https://www.surveymonkey.com/r/gvqrrrh](https://www.surveymonkey.com/r/gvqrrrh) it takes only 5-10 minutes. Please know that your input will be included in our scoping document.

**KATMAI NATIONAL PARK**’s highly anticipated **BEARS of BROOKS RIVER 2019 E-BOOK** is now available for download at [https://irma.nps.gov/DataStore/DownloadFile/627904](https://irma.nps.gov/DataStore/DownloadFile/627904).

**ENVIROATLAS EDUCATIONAL MODULES** are **AVAILABLE** for all GRADES, K-16, and provide students with hands-on lessons that use our interactive tools. Recently available lessons: Grades 4-6: [Introduction to Ecosystem Services]; Grades 9-College: [Building a]
Greenway: Case Study; Other lessons; Grades K-6: Exploring Your Watershed; Grades 4-College: Connecting Ecosystems & Human Health. If you conduct all six mini-lessons, students will engage with the outdoors multiple times, collect data, use interactive technology from the US EPA, complete art projects, present their results, and think critically about high-level analogies to ecosystems.

Buy a KACHEMAK HERITAGE LAND TRUST RAFFLE TICKET and support great and lasting conservation? It's for a TRIP to HAWAII! It includes $1,000 Alaska Airlines gift certificates (2 x $500) - unrestricted so you don't HAVE to use them to go to Hawaii. You can use them for whatever you want! Only 300 tickets are being sold. Help protect salmon and wildlife habitat. $100 per ticket and Kachemak Heritage Land Trust is having a live Facebook drawing on August 23 at Homer's Grace Ridge brewery. Call (907) 235-5263 or stop by at 315 Klondike, Homer for your tickets.

**VOLUNTEER and BOARD OPPORTUNITIES**

**August 17**

TALKEETNA - Help clean up along Talkeetna’s popular CHASE TRAIL and ALONG the RIVERFRONT from 9am to 2pm. Meet in from of the Walter Harper Talkeetna Ranger Station, 22241 S. B Street. Parking is available at the ranger station. Everyone is invited and every volunteer will receive a thank-you gift, and each adult will receive a voucher for a shuttle bus ride in the park (you choose the date, includes park entrance fee) or a night in one of the park’s campgrounds. Bring water, lunch, snacks, rain gear, hiking boots, gloves, and clothing layers. Tools and safety gear will be provided. Sponsored by Denali National Park and Preserve and the Susitna River Coalition. For more information, call 907-683-9504 or go to https://susitnarivercoalition.org/events-3/.

Volunteer as a FARM DISCOVERY GUIDE through the end of September CALYPSO FARM AND ECOLOGY CENTER in ESTER (near Fairbanks). Learn all about the farm and surrounding boreal forest, then volunteer to share what you’ve learned with school-aged children on farm field trips and with the public at community events! All ages are welcome! The program is multi-generational and is a great opportunity for adults and youth to work together in a cooperative learning environment! When you sign up to become a Farm Guide, you are eligible to participate in a variety of free Farm Discovery trainings on topics like wool felting, animals on the farm, forest ecology, honeybees, garden life and more! Trainings are designed to provide you with skills and information in a way which prepares you to share what you’ve learned with others. Learn more & sign up to become a guide at www.calypsofarm.org or by contacting us at 907-451-0691 or farmdiscovery@calypsofarm.org.

August 17

WASILLA - Help smooth newly established tread and prep the trail for gravel at SETTLERS BAY COASTAL PARK from 10am to 5pm. We'll be using hand tools to smooth trail, remove berms, sculpt back slopes, and remove overhanging limbs to keep the trail corridor clear and ready for hikers and trail users. Take the Parks Highway north to Wasilla. Turn onto S Knik-Goose Bay road. Turn left onto Settlers Bay Drive. Meet at the NORTH parking lot (at the end of S Settlers Bay Drive just past S Frontier Drive). The work site is near the parking lots with minimal hiking. Schedule: 10am - registration + overview of day; 12pm - lunch time; 12:30pm - back to work; 5pm - end of the day. No previous experience needed. There will be some physical
labor involved so the ability to hike and use various hand tools is important. Volunteers must be 18 years of age or older. Wear Long pants, sturdy hiking boots, and layered clothing. Bring - Lunch, snacks, water, bug dope, rain gear, backpack, and gloves. Don’t bring drugs, alcohol, p, firearms,

August 20
ANCHORAGE - Join us after work for a volunteer trail event from 6 to 9pm to help construct a critical part of the ALL NEW 3/4-mile WEST BLUFF TRAIL in GOVERNMENT HILL. Meet at Brown's Point Park, 348 West Harvard Avenue, for safety meeting at 6pm then hike in and construct new full bench trail! At 8:30 wrap up and head back to the parking lot by 9pm. No experience needed, just be willing to work hard and must be 18 or older. Wear long pants, sturdy boots, long sleeves and bring water and snacks. No pets, firearms, alcohol or drugs.

August 22- September 2
PALMER – Volunteers needed for ALASKA STATE FAIR RECYCLING weekdays Noon to 3pm; 3 to 6pm and 4 to 7pm. Weekends 10am to 1pm, 1 to 4pm & 4 to 7pm. Make a positive impact on your community and state and receive FREE ADMISSION. To sign up or for more information, call 444-6828 or email recycling@alaskastatefair.org.

August 24
Volunteers will be working to construct a new one-mile section of the MIDDLE FORK of CAMPBELL CREEK TRAIL from 10am to 5pm. This new section will replace and realign an old, unsustainable stretch. Chugach State Park has been working for over a decade to complete the Middle Fork Trail and this is the last section to be completed. Meet at the Prospect Heights Trailhead. This is an extremely rewarding and engaging way for volunteers to leave a lasting positive impact on this beloved trail in Chugach State Park. Bring a lunch, rain gear, work gloves, long work pants and leather boots. Please don’t bring pets, firearms, alcohol or drugs. Be able to hike a moderate 4 miles round trip to the worksite carrying tools. Volunteers must be physically fit enough to complete this hike and work a full day and must be 18 or older.

**August 31
PALMER – Volunteers needed at the INDEPENDENCE MINE STATE HISTORICAL PARK, 23264 Gold Cord Road to help HARDEN 1/3 MILE of NEW TRAIL TREAD on THE UPPER MILL LOOP with gravel. Plan to meet at the IMSHP upper parking area for a briefing at 10am. Experience is helpful, but not required. We ask that you are able to safely work and hike over uneven terrain and manipulate basic hand tools (shovels, rakes, Pulaski’s, etc.). Time: 10am to 4pm, late arrivals should check in with Parks Staff for work assignments. Please bring lunch, snacks, water, sunscreen, bug spray, sunglasses or safety glasses, and work gloves. Do not bring alcohol, drugs, pets and firearms. Parking fees will be waived for this event. Volunteers must be 18 or older. This project will be fairly physically demanding. Volunteers must be physically fit enough to complete a hike and to work a full day. Please register at https://www.eventbrite.com/e/independence-mine-state-historical-park-trail-work-day-tickets-67072968053.

**September 7
ANCHORAGE - Volunteers will be working to CONSTRUCT A NEW ONE-MILE SECTION of the MIDDLE FORK OF CAMPBELL CREEK TRAIL from 10am to 5pm. This new section will replace and realign an old, unsustainable stretch. Chugach State Park has been working for over a decade to complete the Middle Fork Trail and this is the last section to be completed. This is an
extremely rewarding and engaging way for volunteers to leave a lasting positive impact on this beloved trail in Chugach State Park. Meet at the Prospect Heights Trailhead. Bring a lunch, rain gear, work gloves, long work pant and leather boots. Please do not bring alcohol, drugs, pets, and firearms. Volunteers must be 18 or older and be able to hike 4 miles roundtrip to the worksite. This is a moderate hike where you will be carrying tools as well. Volunteers must be physically fit enough to complete this hike and work a full day. Please register at https://www.eventbrite.com/e/volunteer-on-the-middle-fork-trail-tickets-65488801769.

TREASURER for SIERRA CLUB ALASKA CHAPTER to provide oversight of the finances for the Alaska Chapter; to communicate and promote adherence to all Sierra Club policies and procedures that relate to grants, investments, tax issues, insurance, contracts, legal services, contract employees, hiring staff, and political regulatory compliance. Responsibilities: Complete and submit a year-end financial report. Ensure that revenues and expenses for the Chapter and its entities are organized in the format defined by the Finance Department. Report the Chapter’s financial status to the Executive Committee at least quarterly. Ensure that financial decisions are recorded accurately in meeting minutes and financial data are available for review. Review invoices and other payment requests for accuracy, obtain approval for payment, and pay invoices promptly. Deposit receipts and reconcile bank statements monthly. Ensure that Foundation grants and restricted funds are spent in accordance with donor restrictions and that all expenditures are documented. Prepare annual budget and regularly compare financial transactions to the approved budget.

INTERPRETIVE BELUGA GUIDE (VOLUNTEER) for THE BELUGA WHALE ALLIANCE (BWA) that is currently recruiting 1-2 volunteer Interpretive Beluga Guides to help us interact with and educate the public as part of our Cook Inlet Beluga Citizen Science & Interpretation Project, running in the field from mid-August through October and sponsored by the Kenai Mountains Turnagain Arm (KMTA) National Heritage Area! We are looking for passionate individuals based in Anchorage and/or along the Turnagain Arm who can commit a solid chunk of hours per week to chatting with visitors and locals about belugas (at various locations along Turnagain Arm and in Anchorage. They will also need to undergo interpretive training in advance of field season with BWA's project leadership. This is great experience for a college student, budding naturalist &/or passionate local wishing to share and improve their knowledge of these charismatic yet critically endangered creatures with which we share our habitat. If interested and for more information, please email volunteer@belugawhalealliance.org or call (907) 201-7329.

ANCHORAGE AUDUBON needs a COMMUNICATIONS TECHNICIAN to assist with Newsletters and the New Audubon Facebook page. If you are a hotshot writer and completely at home with Birds, Facebook, and Online Newsletter production, we’d love to give you the dubious title of Press Secretary. Just contact Keys at cic@anchorageaudubon.org.

ENVIRONMENTAL AND SOCIAL JUSTICE COORDINATOR for the SIERRA CLUB ALASKA CHAPTER to help strengthen efforts on environmental and social justice issues. This work is done in coordination with community-based organizations so that Sierra Club can use its institutional resources to add capacity to existing community based environmental and social justice work. Qualifications: Familiarity with and commitment to the Jemez Principles (see below). Deep concern about environmental and social justice (E&SJ) issues, and the ability to articulate them. Experience in building and sustaining relationships with community members. To apply, email Mushroomchristin@gmail.com.
** INTERNSHIP **

** POSITIONS AVAILABLE **

** ACCOUNTING AND GRANTS MANAGER ** for the ** KACHEMAK HERITAGE LAND TRUST **, of ** Homer **. Qualified candidates must be knowledgeable in accounting, handling all aspects of the accounting cycle including payroll and payroll taxes, be proficient at Quickbooks and Excel, understand expense allocation as it applies to non-profits, etc. If you would like to help preserve important lands on the Kenai Peninsula for the future and this position interests you, please go to https://www.kachemaklandtrust.org/news.html for the full job description and how to apply.

** LEAD NATURALIST ** for the ** DISCOVERY SOUTHEAST **, to be responsible for enrichment programs (after school, day, or summer) for elementary and middle schoolers, developing curricula, managing programs, fundraising, and outreach. Besides engaging children’s curiosity and senses, lead naturalists are responsible for classroom management and keeping a classroom of students safe. The backgrounds we value most include classroom teaching, group and classroom management, leading groups outdoors, and developing lessons. The position is easiest as part time, but there is potential to make it ¾ time for candidates that also bring experience coordinating programs, an/or administrative work. The core responsibility of leading classroom programs requires daytime availability until 2:30 in the fall, winter, and spring, but requires little commitment over the winter holidays or summer. Adding other responsibilities can lead to a fuller schedule. Pay is dependent on experience, and generally between $20-$30 with the lower end of that range representing education in the field but limited experience, and the upper end being significant knowledge and experience in the field. We offer health insurance for staff working at least ¼ time. ** To Apply: ** For more information or to submit a cover letter and resume to Shawn Eisele, at executivedirector@discoverysoutheast.org. In applications, please specify roughly how many hours a week you would like to work. More information about our programs is at DiscoverySoutheast.org. Applications will be reviewed on a rolling basis.

** EXECUTIVE DIRECTOR POSITION ** for the ** PRATT MUSEAUM ** in ** Homer ** to provide dynamic leadership and to direct innovative programming, planning, organization, staffing, and operations. The Pratt Museum builds relationships between people and place through stories relevant to Kachemak Bay. The Executive Director will work closely with the Board of Directors to refine, develop, and implement strategic fundraising, exhibitions, collections management, educational activities, and community outreach. We Value: Interdependence, Curiosity. ** Knowledge/Skills/Abilities : ** Expert skills and demonstrated knowledge of museum or public venue operations. Advanced knowledge of financial, budgeting, and accounting practices, standards, and regulations. Proven ability to manage a diverse team of staff, board and constituents. Working knowledge of Alaska's natural, cultural, artistic and scientific ecosystems. Proven track record in fundraising skills for earned, charitable and grant income plan. ** Education or Training : ** Undergraduate and/or higher degree preferred. At least three years of program management experience in a field relevant to the Pratt Museum’s mission and purview. This is a full-time exempt position (salary dependent on experience). Benefits limited to paid vacation, sick time, holiday pay, and a Simple IRA retirement plan. The Pratt Museum is an equal opportunity employer. To apply, please email, in PDF format, a cover letter, resume and contact information for three professional references to board@prattmuseum.org. This position is open until filled.

Full time ** MATERIAL HANDLER POSITION ** for the ** VALLEY COMMUNITY FOR RECYCLING SOLUTIONS (VCRS) **. $11/hr. - Applications w/resume accepted by going to the VCRS office at 465 E Chanlyut Circle, Palmer, 10am to 6pm. To see the VCRS application and Material Handler job description, go to https://valleyrecycling.org/about-us/employment-opportunities/. 
DISTANCE LEARNING COORDINATOR for the ALASKA ZOO EDUCATION DEPARTMENT in Anchorage. This permanent, full-time position involves developing and leading 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.

EDUCATION DIRECTOR for ALASKA GEOGRAPHIC located in Anchorage, to run youth and community programs across Alaska and be responsible for oversight and management of all aspects of Alaska Geographic’s Anchorage-based Education Department. The principle duties include program development & implementation, supervising staff, oversight of the programs & facilities, risk management, grant and agreement writing, financial management, evaluations, and partnership relations. The core objectives of the Education Program Director’s role are to promote public land stewardship through immersive educational experiences and leadership programs for youth. Education program include a mix of wilderness-based summer expeditions, school field trips and service-learning programs, and multi-year leadership and mentoring programs. Learn more about specific programs this position oversees at [www.chugachchildrensforest.org](http://www.chugachchildrensforest.org) and [www.arcticyouthambassadors.org](http://www.arcticyouthambassadors.org). The Education Program Director is a full-time, year-round position. Compensation includes a generous benefits package and a salary commensurate with applicable experience (salary range: $55,000-$65,000). Review of applications will begin in early August. To apply, send a cover letter and resume to: accounting@akgeo.org or apply online (detailed position description available here): [https://www.indeedjobs.com/alaska-geographic/jobs/4d4588ce8680d268b695](https://www.indeedjobs.com/alaska-geographic/jobs/4d4588ce8680d268b695).

POST-DOCTORAL RESEARCH POSITIONS - KNOWLEDGE CO-PRODUCTION AND ECONOMICS

1. SEEKING CLIMATE CHANGE KNOWLEDGE CO-PRODUCTION and BOUNDARY SPANNING on ALASKA. Climate change is occurring more rapidly in the Arctic than any region on Earth. Its impacts are being felt by Indigenous peoples as well as throughout a range of societal sectors, including wildfire management. Recent scholarship suggests that boundary spanning, translational ecology, and the process of knowledge co-production are effective in bridging the gap between science and decision-making and calls for building capacity by developing processes for effective evaluation and for training boundary spanning professionals. We seek a post-doctoral research fellow to explore one or more of these inter-related research areas of knowledge co-production and boundary spanning assessment
related to climate change in Alaska. More information including application details available HERE. Questions about the position should be directed to Sarah.Trainor@alaska.edu.

2. Interdisciplinary Analysis of Economic Impacts of Climate Change in Alaska. The Arctic is warming twice as fast as lower latitudes with far-reaching consequences for access to energy and mineral resources, global trade and tourism routes, marine and terrestrial ecosystems, and human health and safety. Impacts of the changing Arctic are particularly salient for the region’s Indigenous peoples. The need for integrated, transdisciplinary research to better understand social and economic impacts and potential opportunities from climate change for Alaska is critically needed. Despite this need, there has been little work done to assess the economic costs and benefits of Arctic change, especially with regard to impacts in Alaska, or the value of existing federal and state services and products. Given that impacts and associated costs arise at scales ranging from the local to the global, there is a spectrum of opportunities for theory building and methods development that can only be accomplished through the deep integration of disciplines. This work is critical for meeting pressing societal needs and to inform decisions and policy. We seek a post-doctoral research fellow to explore the social and economic impacts of climate change in Alaska from an interdisciplinary perspective. More information including application details available HERE. Questions about the position should be directed to Sarah.Trainor@alaska.edu.

Development Director for the Anchorage Park Foundation to support efforts to fund and tell the stories of neighborhood parks and trails projects that improve our community. This position is ideal for a skilled storyteller with passion and creativity. An ideal candidate possesses excellent writing skills and 3-5 years of experience with nonprofits. This role works collaboratively with all members of the organization and requires an ability to manage multiple priorities. The position offers health care benefits, 403(b), professional development opportunities and a flexible work environment. Salary: $50,000–$75,000. To Apply, send cover letter, résumé and one writing sample to info@AnchorageParkFoundation.org. Include your favorite Anchorage park or trail in the subject line. To see the full job description, go to https://anchorageparkfoundation.org/2019/06/employment-opportunities-development-director/.

Arctic Director for the Pacific Environment located in Anchorage or possibly San Francisco. Pacific Environment seeks to protect the communities and wildlife of the Pacific Rim by strengthening local leadership and championing social justice in Alaska and the Arctic, China, California, Vietnam, and elsewhere on the Pacific Rim. Learn more at www.pacificenvironment.org. The Arctic Director provides strategic direction, leadership on Arctic issues and campaigns, and staff and campaign management. We are particularly interested in candidates with experience in one or more of the following subjects and geographies: based in San Francisco. The position will require frequent international and domestic travel. Key Qualifications: B.A./B.S. degree or equivalent experience. Advanced degrees are a strong plus. Significant, demonstrated experience and achievement in strategic advocacy, policy, and campaign work; in program leadership and implementation; and in managing staff. Demonstrated success as an effective team player and collaborator with allied stakeholders. Experience in one or more of the policy areas or geographies listed above, especially involving matters involving the Arctic, Alaska, and/or Indigenous peoples. Demonstrated success in foundation fundraising. Experience in individual fundraising a plus. Personal commitment to helping communities have a strong voice in decision-making. Compensation and Benefits: Pacific Environment provides compensation commensurate with experience and a full benefits
package. The employee will enjoy a flexible working environment with a dedicated, diverse group of colleagues. **How to Apply:** Please send an email to hr@pacificenvironment.org with “Arctic Director” in the subject line and attach a cover letter and resume, references, salary expectations, and your answer to the question in #2, below. In a separate document, please answer one of the following questions in 100–250 words: Arctic sea ice is melting, creating new shipping routes and industrial threats to communities and wildlife. What are the key solutions for Arctic protection? What motivates you? **Timing:** Applications received by early July will definitely be reviewed. However, this position will remain open until filled and we encourage even late applications. Pacific Environment values diversity. Pacific Environment is an equal opportunity employer and encourages applications from candidates regardless of age, class, sex, creed, ethnicity, race, national origin, physical or mental ability, sexual orientation, gender expression, or veteran status. No phone calls, please.

**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.

**ARCTIC DIRECTOR** for PACIFIC ENVIRONMENT - Pacific Environment protects the communities and wildlife of the Pacific Rim by strengthening local leadership and championing social justice in Alaska and the Arctic, among other places. We seek an Arctic Director to provide strategic direction, leadership on Arctic issues and campaigns, and staff and campaign management. Current emphasis is on marine and shipping policy, Arctic governance, and collaboration with Alaska Native and other Indigenous communities, and the new Director will have flexibility to expand Pacific Environment’s range of goals and activities. Read more and apply here: https://www.pacificenvironment.org/jobs/arctic-director/.

**FIELD WORK, DATA MANAGEMENT, AND ANALYTICAL WORK** to assess ecosystem services in areas affected by recent wildfires or fuel mitigation activities fulltime in June, July, and August. **Job duties:** Conduct fieldwork that includes identifying vegetation, invasive species, berries, and mushrooms. Navigating and using a GPS. Data management (entering, cleaning, and analyzing data). Using ArcGIS. Statistical analysis with Excel and R. Other duties as assigned. There also is the potential to work with BLM starting in September on a project that uses drones to assess spruce bark beetle killed trees. Pay $12/hr. Deadline for applications is ongoing. **Must be a UAA student.** Interested students need to apply to the student pool and contact Jen Schmidt at jischmidt@alaska.edu.

**EXECUTIVE DIRECTOR** for ALPAR (ALASKANS for LITTER PREVENTION and RECYCLING) to continue to build cooperative business relationships and communicate effectively with diverse audiences throughout the state to promote the mission of this important nonprofit to eliminating litter and increasing economically viable recycling in Alaska. **Qualifications:** Our ideal candidate is an experienced business or non-profit leader with knowledge of public relations, program management,
event planning, fiscal management, and a passion for the positive impact of responsible and effective community programs. **Specific qualifications include:** Commitment to the cause of economically feasible recycling and litter prevention. Outstanding written and oral communication skills. Ability to create and implement effective publicity and educational campaigns. 4-year degree in public relations, marketing, business management, strategic communication or comparable professional experience. Knowledge of the Alaskan business community. Ability to work effectively with a wide range of businesses and organizations. Ability to manage multiple projects simultaneously and to juggle diverse tasks. Basic accounting skills with a working knowledge of QuickBooks. Successful experience working with rural communities is a plus. ALPAR offers a competitive salary and benefits package. Interested applicants should send a cover letter, resume, salary requirements and references to alpar@gci.net or mail to ALPAR at PO Box 200393, Anchorage, AK 99520.

**CONSERVATION PROJECT COORDINATOR** for the INTERIOR ALASKA LAND TRUST to work with the public, landowners, and government groups to conserve open space in the Fairbanks area. The Conservation Coordinator will work on a part-time contract basis, providing his/her own workspace, computer and internet access, and be supervised by the Interior Alaska Land Trust Board of Directors. **Requirements:** • Self-motivated: figures out what needs to be done & does it; • Excellent organizational skills; • Excellent written and oral communication skills; • Experience and skill with computer word processing, e-mail, and social media; • Experience working as a member of a team to develop and complete projects; • Computer and access to internet. Part-time (approx. 20-30 hours/week) $15 – 25/hour DOE. To see the full job description, go to [https://interioralaskalandtrust.files.wordpress.com/2019/02/conservation-project-coordinator.pdf](https://interioralaskalandtrust.files.wordpress.com/2019/02/conservation-project-coordinator.pdf). To Apply: Please email a resume/CV and cover letter detailing your qualifications to interioralaklandtrust@gmail.com.

To RECEIVE What's Up, ADD items, CHANGE EMAIL ADDRESS or UNSUBSCRIBE, contact Peg Tileston at pegt@gci.net.