

Kachemak Bay Community Science Opportunities

Type of Observation or Data Collected	Contact to Report an Observation, Volunteer, or Become Involved	Training	More Information
Interesting or unusual occurrences (all species)	Post images and location on the Kachemak Bay Nature Watch FaceBook page.	Not required – can request help with identification. See link to field guides below.	Join the FaceBook group (public group)
	Post images and location on the Unusual Marine Life of Alaska: Report, Identify, and Learn FaceBook page.	Not required – can request help with identification. See link to field guides below.	Join the FaceBook group (private group)
	Marine invertebrates, seaweed and plants, fish, or mammals – Take photos, if possible, note location and contact CACS or KBNERR.	Kachemak Bay field guides for tunicates, crabs, nearshore fish, and sculpins at https://accs.uaa.alaska.edu/kbnerr/field-guides/ Also	CACS: (907) 235-6667 KBNERR: (907) 235-4799
Unusual timing (e.g., of plant flowering, bird arrivals, etc.), unusual weather events	Submit to Local Environmental Observer (LEO) Network leonetwork.org .	Not required, but all reports are reviewed before posting to website	Join the LEO Network: leonetwork.org
Coastal monitoring – Biodiversity	CACS Annual CoastWalk (September) Biodiversity Checklist coordinated by Henry Rieske henry@akcoastalstudies.org	Not required, but helpful to make accurate species identifications	https://akcoastalstudies.org/outreach/international-coastal-cleanup/kachemak-bay-coastwalk.html
Whales: Humpback and Orca Whale Sightings	Submit photos of humpback tail flukes or orca markings with date and GPS location to https://happywhale.com or email to whaledetective@yahoo.com .		Olga Von Zegesar Olgavonzegesar@hotmail.com Debbie Tobin ddtobin@alaska.edu KBayMarMam.org is in development for Kachemak Bay sightings.
Birds: Diversity and/or abundance	Audubon Christmas Bird Count (December): Dave Erikson derikson@alaska.net	Bird I.D. workshops provided most years, also help with partnering with more experienced birders	Kachemak Bay Birders https://kachemakbaybirders.org/

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Birds: Diversity and/or abundance	Shorebird Surveys (April/May): George Matz geomatz41@gmail.com	Online shorebird identification workshop on 3/29/21.	Kachemak Bay Birders https://kachemakbaybirders.org/
	Audubon Backyard Bird Count (February)		https://www.birdcount.org/participate/
	Cornell Lab of Ornithology Feeder Watch (November-April)		http://feederwatch.org/
	Cornell Lab of Ornithology Nest Watch (April-August)		http://nestwatch.org/
	Kachemak Bay Shorebird Festival (May) – daily bird checklists compiled	Online shorebird identification workshop on 3/29/21, identification workshops during the Festival	https://kachemakshorebird.org/
	Sandhill Crane Watch (migration and breeding season) reports@cranewatch.org , 907-235-6262		http://cranewatch.org/
	Alaska Loon and Grebe Monitoring Program (observations on lakes, May-August)		http://aknhp.uaa.alaska.edu/zoology/citizen-science/alaska-loon-grebe-watch/
	Submit personal checklists of birds seen any time or at any location to Ebird.com		Get started or submit observations: http://ebird.org/content/ebird/
Bird beak deformities or banded birds	https://alaska.usgs.gov/science/biology/landbirds/beak_deformity/observerreport.php Fill out outline form.		Email GS-AK_Beak_Deformity@usgs.gov
Bird mortality: Beached (dead) birds	Surveys of assigned beaches: Coastal Observation and Seabird Survey Team (COASST)	Citizen science project, training required. Online training about bird wreck monitoring in Alaska on 3/27/21.	https://coasst.org/ Trainings: https://coasst.org/join-our-team/trainings-events/
Invasive Species in or near Aquatic Environments	Report to Kenai Watershed Forum: observations of Elodea, Reed Canary Grass, European Bird Cherry, Northern Pike, or other local invasives. 1-877-INVASIV (468-2748)	Information and images of invasive species https://kenaiwatershed.org/science-in-action/invasive-spp-working-title/	https://kenaiwatershed.org/science-in-action/invasive-spp-working-title/

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Ocean Acidification	Chugach Regional Resource Commission water sampling conducted by Natural Resource Specialists in Seldovia, Nanwalek, and Port Graham.		Presentation at the 2021 Kachemak Bay Science Conference Chelsea Campbell chelsea@crcc.org
Coastal monitoring – Marine Debris	CACS Annual CoastWalk (September): Marine debris monitoring and clean-up https://akcoastalstudies.org/outreach/international-coastal-cleanup/kachemak-bay-coastwalk.html	Not required, but helpful to make accurate species identifications	Presentation at 2021 Kachemak Bay Science Conference Henry Rieske henry@akcoastalstudies.org
Sea Star Wasting Disease	CACS surveys	Citizen science project – training in survey methods provided	Presentation at the 2021 Kachemak Bay Science Conference Katie Gavenus katieg@akcoastalstudies.org
Harmful Algal Blooms	KBNERR community monitoring	Citizen science project – online training resources: https://accs.uaa.alaska.edu/kbnerr/community-monitor-training-resources/	Presentation at the 2021 Kachemak Bay Science Conference Jasmine Maurer jmaurer@alaska.edu
Invasive Species	KBNERR community monitoring Harmful Species Coordinator Rosie Masui rmmasui@alaska.edu		
Stranded, Injured, Sick or Dead Marine Mammals	Report status and location to the Alaska SeaLife Center 24-hour hotline 1-888-774-SEAL (7325) Stranding Network: U.S. Fish and Wildlife Service & Alaska SeaLife Center	Training and permits required to approach marine mammals and to remove any part or take samples.	Presentation at the 2021 Kachemak Bay Science Conference Caroline Cummings Caroline_cummings@fws.gov
Wetlands	Homer Drawdown: Peatland Project: Volunteer-led opportunities that protect local peatland carbon sequestration through education, citizen science, and conservation initiativesou. CookInlet Keeper & Kachemak Bay Conservation Society	Citizen science project -Training in survey methods provided	Presentation at the 2021 Kachemak Bay Science Conference Satchel Pondolfino satchel@inletkeeper.org www.homerdrawdown.info