

BIBLIOGRAPHY AND RESOURCES FOR CLIMATE CHANGE

Books and Publications

Alexandrovsk, *English Bay in Its Traditional Way*

Fireweed Cillqaq, *Life and Times in Port Graham*

Saqulaq Soupaq for the Sugpiat/Alutiiq Soul, compiled by Nancy Radtke

Sigman, Marilyn: *Entanglement, Entangled: People and Ecological Change in Alaska's Kachemak Bay*

- <https://books.google.com/books?id=YkRMDwAAQBAJ&lpg=PP2&ots=CHzsFOFSO&dq=entangled%20marilyn%20sigman&pg=PPI#v=onepage&q=entaled%20marilyn%20sigman&f=false>

Smelcer E. John and Young A. Morgen, *We Are the Land, We Are The Sea, Stories of Subsistence from the People of Chenega, Alaska*. 2007

Web Resources

Blob

'The Blob'

- <https://weather.com/science/weather-explainers/news/weird-weather-warm-blob>
- https://wikivisually.com/wiki/The_Blob_%28Pacific_Ocean%29

The effects of the blob in Alaska

- <https://frontierscientists.com/2018/03/blob-affects-alaska-fin-whales-marine-life/>

The effects of juvenile Cohos

- <https://frontierscientists.com/wp-content/uploads/2018/03/CUCoho.jpg>

This new film explores “The Blob,” a warm water anomaly that started in the Gulf of Alaska and later spread up and down the coast of western North America

- <http://pwssc.org/the-blob-with-dr-rob/>
- https://www.youtube.com/watch?v=DmxAm_oOeY

The Pacific blob caused an ‘unprecedented’ toxic algal bloom — and there’s more to come

- https://www.washingtonpost.com/news/energy-environment/wp/2016/09/29/warm-oceans-caused-last-years-toxic-blob-and-more-algae-blooms-may-be-in-store/?utm_term=.4d4b4fb72387

Climate Change

Adapt Alaska

- <http://adaptalaska.org/> posters of Alaska adapting to Climate Change

Alaska Native Perspectives on Earth and Climate

- <https://alaskapublic.pbslearningmedia.org/collection/traditional-ways-of-knowing/>

Alaska Youth for environmental action

- <https://www.edutopia.org/video/stand-alaska-alaska-youth-environmental-action>

Alaska is vanishing

- http://features.weather.com/us-climate-change/alask/?fb_action_ids=10203955144714610&_types=og.likes

Alaska canary in the climate coal mine

- http://www.slate.com/articles/technology/future_tense/2015/03/climate_change_is_already_affecting_alaska_s_weather.html

Alaska Seas and Watersheds Curriculum

- <http://aswc.seagrant.uaf.edu/>

Climate Change in Alaska

- <https://www.commerce.alaska.gov/web/dcra/ClimateChange.aspx>

Climate Change in Alaska impacts environmentally, socially and economically

- <http://www.adfg.alaska.gov/index.cfm?adfg=ecosystems.climate>

Climate Change Explanation

- <https://www.nps.gov/subjects/climatechange/explainingccvideos.htm>

Climate Change on the Last Frontier

- <http://betweenearthandskymovie.com/>

Climate Impacts in Alaska

- https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-alaska_.html

Chugach Children's Forest hosted students on a 7 day climate change science expedition in PWS

- <https://www.youtube.com/watch?v=qcvwXutVals>

Create weather mobile

- <https://www.education.com/activity/article/weather-mobile-kindergarten/>

Chugach Regional Resource Center (CRRC)

- Climate Change <http://www.northpacificlcc.org/News/06-03-2016/chugach-regional-resources-commission-climate-change-workshop-outcomes>
- Iqsak K-12 Science Curriculum <http://chugachk12.blogspot.com/p/lesson-plan-summaries.html>

COSEE Alaska: People, Oceans and Climate Change lesson plans, resources, TEK

- <http://www.coseealaska.net/resources/lessonplanandcollaborativeresearch/>

Download, Print, Share posters of visualize climate change in Alaska

- <http://www.adaptalaska.org/>

Effects of Global Warming in Alaska

- <https://alaskapublic.pbslearningmedia.org/resource/ean08.sci.ess.earthsys.lpgwalaska/the-effects-of-global-warming-in-alaska/>

Emptied tide pools tell the story of Kachemak Bay's disrupted ecosystem

- <https://www.adn.com/opinions/2017/07/10/emptied-tide-pools-tell-the-story-of-kachemak-bays-disrupted-ecosystem/>

Environmental Impacts of EVOS in Nanwalek by Carrie Damian

- <https://vimeo.com/115028571>

How to Make Goo That Simulates the Movement of a Glacier

- <http://www.mykidsadventures.com/glacier-goo-project/>

Global Climate Change and Sea Level Rise

- <https://www.calacademy.org/educators/lesson-plans/global-climate-change-and-sea-level-rise>

Gulfwatch: Warm Anomaly Observations

- <http://www.gulfwatchalaska.org/monitoring/>

Humans trigger climate change

- <https://www.edf.org/climate/9-ways-we-know-humans-triggered-climate-change>

Impact of Climate Change on the health of Alaskans

- <http://www.ktuu.com/content/news/Report-identifies-negative-effects-of-climate-change-on-Alaskans-health-468495783.html>

Kachemak Bay National Estuarine Research Reserve

- <http://accs.uaa.alaska.edu/kbnerr/>

Kindergarten and Preschool weather graph

- <https://fun-a-day.com/weather-graphs-free-printables/>

NASA Climate Kids

- <https://climatekids.nasa.gov/menu/watch/>
- <https://climatekids.nasa.gov/climate-change-meaning/>
- <https://climatekids.nasa.gov/nasa-research/>

Patrick Selanoff on Climate Change

- <https://www.youtube.com/watch?v=EK9BjnSAvQc>

PBS Nova Extreme Ice Movie

- <https://video.search.yahoo.com/search/video?fr=yfp-t-s&p=nova+extreme+ice+movie%20-%20id=1&vid=db2aab0f6c8ebce1c716fc067112821c&action=view#action=view&id=6&vid=4902bda5e23c27b9c4c4a386ef4181bf>

Prince William Sound Science Center

- <https://pwssc.org/education/ocean-monitoring/> Ocean Monitoring/Ecosystems lessons

Rapping about Climate Change

- <http://passporttoknowledge.com/polar-palooza/whatyoucando/taacc/>

Retreating of Sheridan Glacier

- <https://vimeo.com/144847513>

Rhoda Moonin on Environmental Changes

- <https://www.youtube.com/watch?v=10TZhSgm-as>

Sea Surface Temperature

- <https://alaskapublic.pbslearningmedia.org/resource/ean08.sci.ess.watcyc.seasurface/sea-surface-temperature/?#.W3X3RdIzWUk>

Science Conferences to submit posters (Science Poster Prompts under Resources on webpage)

- <https://www.alaskamarinescience.org/>
- <https://kbayscience.org/presentations.html>

ShoreZone Coastal Habitat Mapping:

- Chenega <https://www.youtube.com/watch?v=AKErDAvktYU>
- Tatitlek <https://www.youtube.com/watch?v=tnpw21gsOC0>

Stressors and impacts

- <https://toolkit.climate.gov/case-studies/addressing-links-between-climate-and-public-health-alaska-native-villages>

Students making a difference

- <https://alaskapublic.pbslearningmedia.org/resource/ean08.sci.ess.earthsys.kidskenai/students-making-a-difference/?#.W3XzpNIzWUk>

Teaching Climate

- <https://www.climate.gov/teaching/national-climate-assessment-resources-educators/alaska-region>

Temperature changes in Alaska

- <http://akclimate.org/ClimTrends/Change/TempChange.html>

Warmer oceans affect food web

- <https://alaskapublic.pbslearningmedia.org/resource/ean08.sci.life.eco.foodfish/warmer-oceans-affect-food-web/?#.W3X2cNIzWUk>

West Wing Week 09/04/15 or “Let’s Go to Alaska!”

- <https://www.youtube.com/watch?vFmbcGY8vHL.g>

Elders and Other Resources

Cordova Elders:

Mark King, Pam Smith

Nanwalek Elders:

Eloise Huntsman, Susan Kvasnikoff, Ephim Moonin, Johnny and Rhoda Moonin, and late Nicka Tanape

*Additional assistance for Sugt'stun words: Sally Ash, Pauline Demas, Natalie Kvasnikoff, Wally Kvasnikoff, Alma Moonin, Elias Romanoff, Sperry Ash and Emile Swenning

Port Graham Elders:

Lillian Elvsaas, Pat Norman, Anesia Metcalf, John Moonin, and Feona Sawden

Tatitlek Elders:

Robert "Chung" Vlasoff

Valdez Elders:

Patrick "Sweeney" Selanoff and Bill Smith

Organizations:

Alaska Pacific University, Karli Tyance Hassell

Chugach Regional Resource Center, Patty Schwalenberg and Chelsea Kovalcsik

Center for Alaskan Coastal Studies, Beth Trowbridge

English Bay Corporation, Gordon Kvasnikoff, CEO of Robert Kvasnikoff Foundation

Kachemak Bay Research Reserve, Syverine Bradley, Rosie Robinson and Coowe Walker

Kenai National Wildlife Refuge, John Morton

Kenai Peninsula Borough School District, Pegge Ekeneff

Nanwalek Elementary/High School, Principal Nancy Kleine and Teacher Penny Bearden

Nanwalek IRA Council

NOAA Kasitsna Bay Lab, Kris Holdereid and Donna Aderhold

Photo Credits

National Park Service for the Glacier Photographs

Kari Brookover for photo of Nancy Yeaton and Nanwalek beach photograph

Rhoda Moonin for photo of Juanita Melshiemer

Anesia Sawden for photo of Feona Sawden