

AREAS OF EXPERTISE

With over 35 years of government, management, and natural resource experience, Mr. Loeffler specializes in:

- Permitting and policy consultation with emphasis on hard-rock mining, coal mining, oil exploration, and land use issues
- Working with local governments on natural resources development, costs, and benefits.
- Designing and implementing public and interest-group processes to aide in permitting and resolving natural resource issues
- Public policy negotiation and mediation
- Economic analysis
- Strategy and policy consultation
- Teaching at a university level or for community groups
- Legislation and regulation analysis

EDUCATION

Master of City and Regional Planning, Harvard University, John F. Kennedy School of Government
Masters Degree in Civil Engineering, Stanford University;

Member, Tau Beta Pi (Engineering Honor Society)

Bachelors Degree in Applied Earth Sciences, Stanford University (with distinction)

PROFESSIONAL HISTORY

Current – Research Professor of Public Policy, UAA Institute for Social and Economic Research

Beginning in 2010, Mr. Loeffler has been a professor teaching courses on Alaskan resource development, Alaska's economy, and state fiscal issues. University courses involved the undergraduates and graduates. Position also involves teaching community short-courses and community presentations on the mining industry and other subjects. Published research topics include resource development and Alaska fiscal issues.

Current - Partner, Jade North, LLC., Anchorage, Alaska

Jade North, LLC is a consulting firm specializing in natural resource permitting and policy issues, local government, and Alaska Native topical issues. The firm offers services in permitting Strategy and Policy Consultation; Regulatory Affairs; and External Affairs. Since joining Jade North in January 2006, Mr. Loeffler has provided a variety of services to clients from industry, local, state, and federal governments, and Native Corporations. He has worked with these groups on natural resource permitting and policy issues and provided advice on land use planning and mining issues to governments.

Director, Division of Mining, Land and Water, Alaska Department of Natural Resources

For seven years ending in November 2005, Mr. Loeffler was responsible for directing the 200-person division that managed and permitted development on 90 million acres of state land, coordinated large mine projects, holds title for Alaskans, conveyed municipal entitlements, issued water rights, and worked on oil exploration issues. Mr. Loeffler was the key individual for two administrations on land and water-related legislation. During that time, he focused the Division on a variety of land use and planning issues, including a large scientific study which changed the manner in which DNR authorized winter oil exploration on the North Slope. It also included accelerating the municipal conveyance program including accomplishing one of the first significant municipal conveyance to the North Slope Borough,

and accelerating acquisition of state title from the federal government. Finally, the Division's work involved a host of detailed leasing, conveyance, appraisal, survey, title, and water issues.

Large Mine Project Manager, Alaska Department of Natural Resources

For the three years before becoming Director, Mr. Loeffler coordinated state agency permitting and inspections for large mines, and supervised the program for permitting and inspecting coal mines. Accomplishments include permitting the Two Bull Ridge Coal Mine, initial exploration permitting for the Pogo Gold Mine, and negotiations to reclaim the bankrupt Illinois Creek Gold Mine without the need for public funds.

Director of Planning, Exxon Valdez Oil Spill Trustee Council

Mr. Loeffler coordinated the annual process by which the federal-state Trustee Council made decisions on funding related to the research and restoration of Prince William Sound from the 1989 oil spill. He was co-chair of the committee that wrote the Restoration Plan to provide long-range guidance for the process.

Special-Project Economist, Division of Oil and Gas, Alaska Department of Natural Resources

Completed special projects for the director including economic research concerning Alaska's royalty oil, negotiation for sale of royalty oil, and negotiation to resolve litigation. Prepared legislative testimony and represented the Division at hearings.

Regional Planner, Alaska Department of Natural Resources

- *Forestry*: Helped coordinate a 13-member committee of interest group representatives that rewrote Alaska's forestry laws. Led interagency group in drafting regulations.
- *Land*: Was Project Manager for the Department's Prince William Sound Area Plan, a land-use plan for state land in Prince William Sound. Facilitated consensus decisions of interagency team, wrote most of the plan, and represented the plan to the legislature and public.

Economist, Alaska Power Authority; and Private Consultant

For the Alaska Power Authority, was responsible for overall project planning for small energy projects in rural Alaska. Performed economic and financial evaluation of proposed energy projects. Also, for part of the time as private consultant provided economic feasibility advice to private rural electric utilities.

Hydrologist, U.S. Geological Survey, Project on Arctic Hydrology

Part of a three-person project conducting various water resource investigations in northern Alaska.

Contact information

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PUBLICATIONS

Long-term benefits to Indigenous communities of extractive industry partnerships: Evaluating the Red Dog Mine. Matthew Berman, Robert Loeffler, and Jennifer Schmidt. *Resources Policy*. 2020. Vol 66.

Mining and Sustainable Communities: A Case Study of the Red Dog Mine. Bob Loeffler. *Economic Development Journal*, Spring 2015. Vol. 14 No. 2, pp 23-31.

State-sponsored Environmental Mediation: the Alaska Forest Practices Act Review. Frank Gaffney and Robert Loeffler. *Environmental Impact Assessment Review*. Vol 11, No 4. December 1991, pp 311-331

An Ecological Study of Mono Lake, California. Dave Winkler Editor, Chapter 2 by Robert Loeffler. *Institute of Ecology Publication No. 12*. June 1977. pp 6-38.

ISER PAPERS

The Economic Potential of Alaska's Mining Industry. Bob Loeffler and Brett Watson. March 8, 2022

Fiscal Effects of Commercial Fishing, Mining and Tourism, Fiscal Years 2016-2019: *What does Alaska receive in revenue? What does it spend?* Bob Loeffler and Steve Colt. February 24, 2022

Alaska's K-12 Capital Spending. Bob Loeffler. March 24, 2021

Air and Water Violations in Alaska 2011-2019. Bob Loeffler. May 7, 2020

The economic impact of the Liberty Oil Project A focus on employment and wages during the construction phase. Mouhcine Guettabi and Bob Loeffler. November 16, 2017

Local Jobs and Income from Mineral Exploration. Bob Loeffler and Jennifer Schmidt. January 2017

Fiscal Effects of Commercial Fishing, Mining and Tourism: *What does Alaska receive in revenue? What does it spend?* Bob Loeffler and Steve Colt. December 2, 2015

Assessing Ecological Risk of Proposed Mines: Can Valid Assessments be Done Pre-Design? January 2012. Bob Loeffler.

COURSES

ECON A300: The Alaska Economy. Three credits. Co-taught with Dr. Matt Berman. Online asynchronous course focusing on the structure of the Alaska economy. Enrollment between 30-50 students.

- Spring 2023
- Spring 2021
- Fall 2019
- Fall 2018

HNRS A391: How to Talk About Contentious Natural Resource Issues. One Credit. Co-taught with Professor Libby Roderick. The purpose of this course was to use a case study of the controversial Pebble Mine to introduce students to methods of accomplishing respectful civil discourse on contentious public policy issues. Enrollment 14 students.

- Spring 2013

HNRS A494/PADM A671. Introduction to Public Land Management. Three credits, stacked Undergraduate/Graduate course. This course was taught five times under different names and course numbers. The course explored explores how our government makes resource development decisions — oil and gas, mining, and smaller-scale decisions such as whether to build a road or allow a subdivision. Enrollment ~13-19 students

- Spring 2018 (HNRS A390/PADM A691)
- Spring 2015 (HNRS A494/PADM A671)
- Spring 2014 (ENVI A490/PADM A671)
- Spring 2012 (ENVI A490/PADM A671)
- Spring 2011 (PADM A671)

GEOL A490. The Mining Industry. One credit. Overview of the Mining industry. 17 students.

- Spring 2013
- Fall 2023

Community Courses. Professor has taught multiple community courses and various topics, and given dozens and dozens of community-related presentations. However, one course in particular has the professor's focus: Overview of the Mining Industry. This course has been taught multiple dozens of times in locations as varied as the Alaska Miners Association Convention, Alaska Forum on the Environment, the National Park Service, and multiple villages and towns throughout Alaska. Course length varies from 3 hours to a full day, occasionally multiple days. Student enrollment varied between 10 and 75.