

EDUCATION

Colorado School of Mines

Ph.D. in Mineral and Energy Economics
M.S. in Mineral and Energy Economics
B.S. in Petroleum Engineering
Minor: Economics and Business

Golden, CO
December 2024
May 2021
May 2015

UNIVERSITY OF WYOMING, CENTER FOR BUSINESS AND ECONOMIC ANALYSIS

Energy Economist

2023 –Present

- Lead nuclear energy supply chain researcher for Center for Energy Regulation and Policy Analysis paper series
- Economic impact studies for energy related projects

COLORADO SCHOOL OF MINES

Research Assistant: USDA Grant

2019–2022

- Studied collective action of groundwater management in Colorado

Research Assistant: Critical Materials Institute

2018

- Modeled the availability of critical materials from unconventional sources

PUBLICATIONS

JOURNAL ARTICLES

Loos, Jonathon R., Krister Andersson, Shauna Bulger, Kelsey C. Cody, Michael Cox, **Alexander Gebben**, and Steven M. Smith. “Individual to Collective Adaptation through Incremental Change in Colorado Groundwater Governance”. In: *Frontiers in Environmental Science* 10 (2022). ISSN: 2296-665X.

WORKING PAPERS

Gebben, Alexander and Sayandeep Paul. “*Not in My Neighbors Backyard: Nuclear Waste Management Institutional Friction Under Federalism*”. Nov. 19, 2025. Social Science Research Network: 5770949. *Under Review*.

Gebben, Alexander and Steven Smith. “Is Efficiency Always Efficient? Federal and Local Water Conservation Program Interactions.” *Draft*. Dec. 2025.

THESIS

Gebben, Alexander. “Natural Resource Management Following Institutional Shifts: Case Studies from Agriculture and Bitcoin”. PhD thesis. Golden Colorado: Colorado School of Mines, Dec. 2024. 242 pp.

ECONOMIC REPORTS

Gebben, Alexander and Daniel Cooley. *Wyoming's Nuclear Supply Chain Opportunities: Electricity Generation*. economic study 6. Laramie, Wyoming: University of Wyoming: Center for Energy Regulation & Policy Analysis, July 2025.

Gebben, Alexander and Daniel Cooley. *Wyoming's Nuclear Supply Chain Opportunities: Spent Fuel*. economic study 5. Laramie, Wyoming: University of Wyoming: Center for Energy Regulation & Policy Analysis, 2025, p. 111.

Gebben, Alexander. *Wyoming's Nuclear Supply Chain Opportunities and Challenges: Heat Applications*. economic study 4. Laramie, Wyoming: University of Wyoming: Center for Energy Regulation & Policy Analysis, Dec. 2024.

Gebben, Alexander. *Wyoming's Nuclear Supply Chain Opportunities and Challenges: Uranium Recovery*. economic study 3. Laramie, Wyoming: University of Wyoming: Center for Energy Regulation & Policy Analysis, July 2024.

Gebben, Alexander and Michael Peck. *Wyoming's Nuclear Supply Chain Opportunities and Challenges: Component Manufacturing*. economic study 2. University of Wyoming: The Center for Energy Regulation and Policy Analysis, May 2024.

Gebben, Alexander and Michael Peck. *Wyoming's Nuclear Supply Chain Opportunities and Challenges: Uranium Enrichment*. economic study 1. Laramie, Wyoming: University of Wyoming: Center for Energy Regulation & Policy Analysis, Nov. 2023.

ECONOMIC STUDIES

- Population Forecast to 2065 of Kemmerer & Diamondville, Wyoming
Alexander Gebben January 2026
- Prometheus Hyperscale Data Center Economic Impact
Nida Zafar & Alexander Gebben September 2025
- Cheyenne LEADS Data Center ROI update
Alexander Gebben August 2025
- The Economic Impact of Cowboy Clean Fuels Renewable Natural Gas Development in Wyoming
Alexander Gebben & Daniel Cooley July 2025

TEACHING

- **Instructor** University of Wyoming
Computational Economics (ECON 5530) Fall 2023 & 2025
- **Teaching Assistant** at Colorado School of Mines
Mathematical Economics (EBGN 509) Fall 2020 & 2021
- **Teaching Assistant** at Colorado School of Mines
Principles of Economics (EBGN 201) Fall 2017 & 2022

GRADUATE SUPERVISION

Jacob Kirby, Economics M.S Commitee

University of Wyoming (exp. 2026)

AWARDS

William Jesse Coulter Award in Mineral and Energy Economics

2024

PRESENTATIONS

Public Information Meeting Regarding the Nuclear Energy Industry
Gillette Nuclear Energy Information Briefing

Gillette, WY
September 18, 2025

South Lincoln County Economic Development Committee Monthly Meeting
Lincoln County: Nuclear Economic Opportunities and Challenges

Kemmerer, WY
February 21, 2025

7th Nuclear Innovation Bootcamp
Energy Markets: Global and National

Laramie, WY
July 23, 2024

99th Annual Western Economic Association International Conference
Should We Always Aim for Higher Quality? Restoration Framework of In-Situ Uranium Mining

Seattle, WA
July 2nd, 2024

11th Annual Front Range Energy and Economics Camp
Bitcoin Mining the Next Shale Boom?

Boulder, CO
May 13, 2022

23rd Annual CU Environmental and Resource Economics Workshop
Responding to a Groundwater Crisis: The Effects of Self-imposed Economic Incentives

Vail, CO
October 1, 2021

Arkansas Basin Roundtable
Water Management Case Study and Proposal

Pueblo, CO
March 11, 2020

INDUSTRY EXPERIENCE

EnergyIQ (Now Quorum Software)
Data Analyst

Littleton, CO
2015–2017

Genscape (Now Wood Mackenzie)
Data Analyst Intern

Boulder, CO
Summer 2015

SKILLS

Economic Reports: Beamer, Data Visualization

Programming: R, GAMS, SQL, Bash, C/C++, VBA

Technical Tools: L^AT_EX, IMPLAN, Qualtrics, Git, Linux Server, Web Hosting, Cryptography

Industry Knowledge: Nuclear, Water & Agriculture, Oil & Gas, Wind, Electricity Grid, Bitcoin