

## EDUCATION

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### 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

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### 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

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### 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

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### 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

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

## TEACHING

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

## GRADUATE SUPERVISION

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Jacob Kirby, Economics M.S Committeee

University of Wyoming (exp. 2026)

## AWARDS

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William Jesse Coulter Award in Mineral and Energy Economics

2024

## PRESENTATIONS

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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

7<sup>th</sup> Nuclear Innovation Bootcamp  
Energy Markets: Global and National

Laramie, WY  
July 23, 2024

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

Seattle, WA  
July 2<sup>nd</sup>, 2024

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

Boulder, CO  
May 13, 2022

23<sup>rd</sup> 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

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**EnergyIQ (Now Quorum Software)**  
Data Analyst

Littleton, CO  
2015–2017

**Genscape (Now Wood Mackenzie)**  
Data Analyst Intern

Boulder, CO  
Summer 2015

## SKILLS

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**Economic Reports:** Beamer, Data Visualization

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

**Technical Tools:** L<sup>A</sup>T<sub>E</sub>X, IMPLAN, Qualtrics, Git, Linux Server, Web Hosting, Cryptography

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