

THE Core SAMPLE

Internal Newsletter of the School of Energy Resources

February | 2025

UW SCHOOL OF ENERGY RESOURCES RELEASES COMMUNITY RESOURCE GUIDE FOR CO₂ PIPELINES

The University of Wyoming's School of Energy Resources (SER) recently released a new resource guide for Wyoming landowners that addresses frequently asked questions regarding carbon dioxide (CO₂) pipelines.

The publication, "What Every Wyoming Community Should Know About Carbon Dioxide (CO₂) Pipelines," provides a general overview of the where, why and how of CO₂ transport, and includes sections addressing safety concerns, siting and permitting, and landowner guidance.

The publication is part of a community guide series spearheaded by SER's Jurisprudence of Underground Law and Energy (JOULE) research group.

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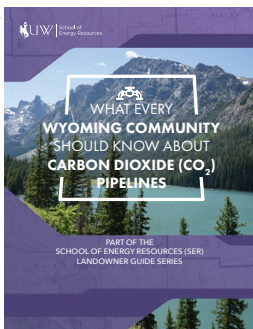
EIGHT SCHOOL OF ENERGY RESOURCES STUDENTS REPRESENT UW AT 2025 NAPE SUMMIT

Eight University of Wyoming students in the School of Energy Resources (SER) academic program attended the 2025 North American Petroleum Expo (NAPE) Annual Summit Wednesday-Friday, Feb. 5-7, in Houston, Texas.

Gwen Andela, of Gillette; **Connor Fleming**, of Huntersville, N.C.; **Ryan Fogg**, of Carpenter; **Kendall Klos**, of Johnsbury, Ill.; **David Meraz-Ordonez**, **Addison Potts** and **Lars Quinlivan**, all from Cheyenne; and **Rachel Reese**, of Johnstown, Colo., were in attendance to represent UW.

All eight of the students are pursuing the professional land management (PLM) concentration in SER's Energy Resource Management and Development Bachelor of Science program.

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HIGHLIGHTS

Research Centers of Excellence

- Program Manager **Kyle Summerfield** in the **3D Visualization Center (Viz Center)** presented as part of the Geospatial Forum about different rendering approaches.
- Director **Eugene Holubnyak** in the **Hydrogen Energy Research Center (H₂ERC)** attended the SPE Decarbonization Congress in Houston, TX, where he presented on the challenges and opportunities for hydrogen ecosystem growth. Additionally, he served on a panel, "Is Emission Reductions an R&D Priority for E&P?"
- **Tara Righetti** and **Maddie Lewis** in the **Jurisprudence of Underground Law & Energy (JOULE)** research group published an article the most recent volume of the *Oklahoma Law Review* published by the University of Oklahoma College of Law, a top tier law journal. The article explores the U.S. Nuclear Regulatory Commission's (NRC) licensing processes.
DOWNLOAD ARTICLE >

To submit news and updates
email: Christine.reed@uwyo.edu



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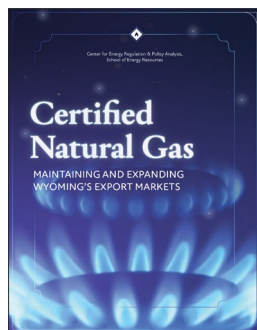
CERPA RELEASES NEW WHITE PAPER EXPLORING MARKETABILITY OF WYOMING CERTIFIED NATURAL GAS

The Center for Energy Regulation and Policy Analysis (CERPA) in the School of Energy Resources (SER) has released a new white paper exploring Certified Natural Gas in Wyoming.

Authored by Senior Research Professional **Esther Wagner**, the paper is centered on maintaining and expanding Wyoming's natural gas export markets.

In order to provide clarity on the reasoning behind the standard and why it is relevant to Wyoming moving forward, the white paper explains the purpose of certification, provides information on the process and components of certified natural gas, differentiates between certification programs and voluntary frameworks, and addresses the slow growth of certified natural gas to date.

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UW WHITE PAPER EXPLORING SPENT NUCLEAR FUEL MANAGEMENT IN WYOMING RELEASED BY SER

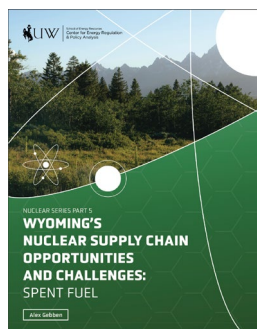
The Center for Energy Regulation and Policy Analysis (CERPA) at the University of Wyoming's School of Energy Resources has released a highly anticipated white paper exploring spent nuclear fuel management as part of a set of six articles delving into the economic feasibility of developing an integrated nuclear sector in Wyoming.

The fifth installment of the series provides an analysis to estimate the various benefits and costs associated with developing a consolidated interim storage facility in the state, and quantifies the economic opportunities and outcomes of forming a spent nuclear fuel management industry in Wyoming.

The paper was written by **Alex Gebben** and **Daniel Cooley**, energy economists in the UW Center for Business and Economic Analysis.

Previous papers in the series explore the feasibility of uranium enrichment, uranium recovery, nuclear component manufacturing in Wyoming and heat applications. The final forthcoming paper will evaluate nuclear-produced electricity.

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HIGHLIGHTS

Research Cont.

- The *Center for Energy Regulation and Policy Analysis (CERPA)* released the February issue of the *Consolidated Review of Energy in Wyoming (CREW)* Report. [DOWNLOAD NOW >](#)

Academics

- In recognition for her academic achievements, senior **Kendall Klos** in the Energy Resource Management & Development program was nominated for the AAPL - American Association of Professional Landmen Outstanding Graduate Award as part of the Landman Scholarship Trust (LST).



Outreach

- SER faculty, staff, students, and research affiliates continue to shine while making an impact for Wyoming in the latest issue of UWyo Magazine! Check out all the places SER is featured!

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- Executive Director **Holly Krutka** and other members of University of Wyoming leadership toured Rare Element Resources' new rare earth element demonstration facility in Upton, Wyo.
- Director of Outreach **Christine Reed** presented in Green River, Wyo. for the STEM Roadshow.



Rare Element Resources
February 2025

ENERGY JOKE

You call that a wind farm?

Be patient...This summer they'll be 60 ft. tall!



IMPORTANT DATES

- **Distinguished Speaker Series - Dimitrios Papavassiliou**
March 10, 2025
- **UW Spring Break**
March 17-21, 2025
- **Director's Reports for ERC Due**
March 28, 2025
- **Rocky Mountain Professional Landman Conference**
April 9-10, 2025
- **Energy Resources Council Meeting**
April 10-11, 2025
- **Distinguished Speaker Series - Julian Fisher**
April 14, 2025

STAFF SPOTLIGHT

Cole Messa

Assistant Research Professional



Congratulations to **Cole Messa** in the Center for Economic Geology Research developed a method at SER that is assisting a national effort with NETL. He will be utilizing the method while running the first batch of samples from the coal fly-ash project at the Wyoming Innovation Center.

Congratulations to Assistant Research Professional **Dayana Jones** in the Center for Hydrogen Energy Research on the birth of her baby at the beginning of February!



SER BIRTHDAYS!

FEBRUARY

Bob Gregory, February 11
Frankie Vogt, February 19
Esther Wagner, February 25

Upcoming Birthdays

MARCH

Tara Righetti, March 3
Maddie Lewis, March 3
Sabrina Kaufman, March 3
Marie Dudgeon, March 17
James Christensen, March 22
Christine Reed, March 31

Reminder: If you want your birthday recognized, please update your information with Kristi Russow at krussow@uwyo.edu.

