



#### ADVANCING ENERGY TOGETHER

The University of Wyoming School of Energy Resources is an interdisciplinary entity tasked with developing the fundamental knowledge, technologies and human resources necessary to solve the critical energy challenges society faces today. Each School of Energy Resources Center of Excellence serves as a hub to unite academia, government and industry in cooperation for the advancement of its focus area.

### School of Energy Resources



## Wyoming Reclamation and Restoration Center



### Wyoming Reclamation and Restoration Center

#### CONTACT INFORMATION

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The Wyoming Reclamation and Restoration Center (WRRC) helps to maintain and protect Wyoming's land, air, water and wildlife by promoting restoration of the complex components and functions of disturbed ecosystems. With a special emphasis on energy development activities in the arid west, WRRC educates new professionals, provides and confirms existing information about reclamation, creates new knowledge and addresses the concerns of industry, government and the public.

WRRC is a critical piece in Wyoming's energy future, ensuring that energy projects continue to be mutually beneficial to the state's economy, residents and landscapes, as well as to energy producers and consumers. Reclamation and restoration represent the final step in successful mining and deconstruction efforts, and additionally provide ongoing stewardship of the rangelands, forests and tourist sites that comprise Wyoming's other lucrative resources. The center conducts research on topsoil management and revegetation, seed quality and availability, the use of livestock to enhance reclamation, impacts of resource development on wildlife, economics of reclamation, and more.

As energy demands continue to increase, so will the demands on Wyoming's resources. Likewise, the future will require a growing base of restoration practices and personnel that have proven successful in Wyoming ecosystems. WRRC provides an ideal venue – in close proximity to active reclamation projects and in collaboration with reputable industry and government entities – for research, education and outreach in this critical field.

*WRRC provides government and industry with knowledge, technologies and an educated workforce, ensuring the long-term success of Wyoming's sustainable natural resources throughout periods of energy development and beyond. The center's activities include:*

#### RESEARCH

- Discover and document effective methods and best practices of land reclamation and restoration in Wyoming
- Address possible solutions via federal and state agencies

#### EDUCATION

- Provide undergraduate and graduate coursework and field opportunities
- Provide professional development
- Train students and professionals to facilitate reclamation and restoration projects based on sound ecological, agricultural and economical practices

#### OUTREACH

- Provide services to clientele seeking practical solutions for restoring, reclaiming or rehabilitating disturbed lands
- Conduct workshops
- Provide extension bulletins
- Host and attend symposia

#### AFFILIATED FACULTY & DEPARTMENTS

##### *Department of Renewable Resources*

Peter Stahl, Director	Stephen Williams
K.J. Reddy	George Vance
Ann Hild	Jay Norton
Jeffery Beck	Ginger Paige
Kelli Belden	Thomas Thurow
Rachel Mealor	Calvin Strom
Kristian Hufford*	Michael Smith
John Tanaka	

##### *Department of Agriculture and Applied Economics*

Roger Coupal	Matthew Andersen
Kristiana Hansen	

##### *Department of Plant Sciences*

Brian Mealor  
Urszula Norton

##### *Civil and Architectural Engineering*

Michael Urynowicz

##### *Department of Botany*

Bill Lauenroth  
Indy Burke, Director of Haub School  
and Ruckelshaus Institute

*\*School of Energy Resources Professor*

