ENVIRONMENT AND NATURAL RESOURCES

YEAR IN REVIEW

July 1, 2011-June 30, 2012
Dear friend of ENR,

This has been a dramatic summer in the western U.S. From wildfires tearing through drought-stricken forests and destroying homes to hot, dry weather driving ranchers to sell off cattle, we’ve reminded daily of complex challenges at the interface between natural resources and human endeavors. Here in Wyoming, long-term changes in land use, forest health, and wildlife populations provide the backdrop to dramatic year-to-year variability in snowfall and energy prices. It is more important than ever that cutting-edge interdisciplinary natural resource information be made available and that future citizens and leaders are trained to take on the changes we can’t always anticipate.

At the Haub School and Ruckelshaus Institute, we provide people with tools and resources to address these challenges. The Haub School graduated more students this year than any other and taught more students across campus the foundations of natural resource disciplines. We sent students into the field—in Wyoming and abroad—to work on hands-on solutions to natural resource problems. The Ruckelshaus Institute brought stakeholders together to recommend consensus solutions for issues such as elevated ozone levels in the Upper Green River Basin. We conducted professional trainings in negotiation, facilitation, and communication for natural resource conflicts. And we launched a new initiative to study energy development mitigation practices for wildlife in Wyoming. The Wyoming Conservation Corps once again supported 48 volunteers to improve public lands.

This year, UW’s President Buchanan announced a new initiative, the Biodiversity Institute, which will reside within our Environment and Natural Resources program. Funded initially from private sources, this Institute will advance understanding of biodiversity through peer reviewed scholarship and outreach, drawing on UW faculty expertise from the life sciences, social sciences, and humanities. It will develop ideas and applications, through peer reviewed scholarship and outreach, drawing on UW faculty expertise from the life sciences, social sciences, and humanities. It will develop ideas and applications, through peer reviewed scholarship and outreach, drawing on UW faculty expertise from the life sciences, social sciences, and humanities. It will develop ideas and applications

To meet the growing needs of the state and society, we’ll continue to build onto our program of excellence. We are proud of our accomplishments and look forward to expanding our impact, addressing complex natural resource issues today and into the future. See page 7 of this report to learn how you can contribute to our mission.

Thank you for your interest in and support of this important work.

Sincerely,

[Signature]

On the cover: Haub School students hike on El Teide, a volcano on Tenerife, one of Spain’s Canary Islands, during the Environmental Assessment capstone course in January 2012. Photo by Melanie Matthews, M.S. in ENR/rangeland ecology and watershed management, ’12.
RUCKELSHAUS INSTITUTE
Supporting effective natural resource decision making

education, and decision-making assistance. The initiative’s reports, dating back ten years, are now available on our website.

UW’s National Forest research permitting
Staff worked with the Forest Service and University Research Office to create an institution-wide permitting process for UW research activities in the Medicine Bow-Routt National Forest.

Conference presentations
Ruckelshaus Institute staff presented a range of content at the Wyoming Landscape Conservation Initiative, Public Interest Environmental Law, and Environmental Conflict Resolution Conferences, among others.

Interagency brucellosis management
The Ruckelshaus Institute, National Wildlife Federation and Murie Center initiated a project to reinvigorate interagency cooperation around Yellowstone bison management and brucellosis control.

Hydraulic Fracturing: A Wyoming Energy Forum
Last September, the Ruckelshaus Institute and UW School of Energy Resources hosted a forum to provide factual information about technical issues and environmental concerns related to hydraulic fracturing for oil and gas development.

New publications
- Natural Gas Development and Wildlife Mitigation: A Primer, Energy Mitigation Initiative (May 2012)
- Bark Beetles in the Intermountain West: Redefining Post-Disturbance Forests and Management Strategies for Minimizing Impacts, workshop proceedings (January 2012)
- Economic Contributions of the Wyoming Wildlife and Natural Resource Trust, Open Spaces Initiative (December 2011)
- Questioning Greater Yellowstone’s Future: Climate, Land Use, and Invasive Species, conference proceedings (2011)

Energy Mitigation Research and Outreach Initiative
The Ruckelshaus Institute launched a new initiative in May that will gather, synthesize, and deliver information on mitigation practices to ameliorate consequences to wildlife from landscape-scale energy development. (See “New publications,” this page.)

Open Spaces Initiative
This ongoing collaborative effort supports Wyoming citizens’ effective maintenance of our state’s open spaces through research, education, and decision-making assistance. The initiative’s reports, dating back ten years, are now available on our website.

WYOMING CONSERVATION CORPS
Enhancing Wyoming’s public lands

This year, the Wyoming Conservation Corps again provided thousands of hours of invaluable service to enhance Wyoming’s public lands. Six crews traversed the state to work with agencies, conservation groups and industry. They built fences, repaired trails and campgrounds, and even built a yurt, which will serve as a Science Learning Center on the remote 300,000-plus-acre Arapaho Ranch.

Due to strategic restructuring at UW, WCC leave our group, and we look forward to coordinating with them on future projects to promote student understanding of natural resource issues in Wyoming. We’re proud of all WCC has accomplished over the first six years of its work with ENR.

Air Quality Citizens Advisory Task Force
In response to levels of wintertime ozone in Wyoming’s Upper Green River Basin exceeding national air quality standards, the state Department of Environmental Quality asked the Ruckelshaus Institute to coordinate and facilitate the Upper Green River Basin Air Quality Citizens Advisory Task Force, which drafted a set of recommendations for the state to consider.

2012 Summer Workshop Series
For the third consecutive year, the Ruckelshaus Institute offered a Summer Workshop Series in Wyoming. These skills-building professional trainings give agency staff, government representatives, and other engaged citizens tools for effective natural resource decision making, including ways to resolve complex issues, reduce conflict, and create value around natural resources challenges.

“People in Wyoming care deeply about how our public lands and resources are managed. Wise management requires participation by people in industry and public agencies, landowners, local officials, conservationists, and active citizens.”
Steve Smutka, Spicer Chair of Collaborative Practice

Energy Resources hosted a forum to provide factual information about technical issues and environmental concerns related to hydraulic fracturing for oil and gas development.

Green building education program
We led dozens of groups through the Kendall House, explaining features that make it sustainable. New signage supports self-guided tours, and smart tags on the signs link to our online virtual tour.
>> UWYO.EDU/ENR/BIM-KENDALL-HOUSE

Guest Lecture: Photographer Joe Riis
October 11, Berry Biodiversity Center, UW campus
The Haub School and the UW Zoology & Physiology Department present National Geographic Photographer Joe Riis, who will share images from recent expeditions to Asia and South America documenting research of little-understood species in remote parts of the world.

Listening to Nature
November 9, Berry Biodiversity Center, UW campus
Join us for an evening of artwork, readings, and conversation with Wyoming artists and writers, hosted in collaboration with the Wyoming Outdoor Council and UW’s Creative Writing program.

Events and outreach
FY 2012 HIGHLIGHTS
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>> UWYO.EDU/ENR/BIM-KENDALL-HOUSE

Speaker series
Nine guest lectures over the fall and spring semesters engaged the campus and wider community in ENR thinking from African American nature poetry, to biopolitics of our national elk herd, and other topics.

Career seminars
Professionals from a range of ENR fields came to campus to talk with our students about their training and career experiences and to offer advice for finding work with agencies, nonprofits, consultants, and private industry.

>> UWYO.EDU/ENR/UPCOMING-EVENTS

UPCOMING PRESENTATIONS
Across the Great Divide
August 13, noon, Buffalo Bill Historical Center, Cody, WY

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Financial Snapshot

Income
- Conferences and trainings
- Grants and contracts
- Individual contributions
- Endowment income
- State budget

Expenses
- Sponsorships
- Equipment
- Outreach and publications
- Graduate assistantships
- Student travel
- Scholarships and grants
- Administrative operations
- Travel
- Salary and benefits (staff and students)

The Bim Kendall House
Efficiency by the numbers

Electricity 39% generated onsite by our rooftop photovoltaic panels

Water 21% saved by our low-flow fixtures over regular ones

WATER

Fiscal Y2012 Major Gifts

Liliane and Christian Haub

Knobloch Family Foundation

Mary A. H. Rumsey Foundation

Previous Major Gifts

Helga and Erivan Haub

Helga Otto Haub School of ENR Endowment (2005)

Erivan Haub Scholarship Endowment (2002)

Bim and Donald Kendall

Bim Kendall House (2005)

THANK YOU TO OUR GENEROUS SUPPORTERS

Jade and David Walsh

Jade and David Walsh Excellence Fund (2005)

Caryl and Roy Cline

Endowed Chair in Engineering, ENR (2003)

Jill and William D. Ruckelshaus


Beverly and Eldon Spencer

Endowed Chair in Collaborative Practice (2002)

Mark Bresler

Vern Bresler Scholarship Fund (1997)

Evelyn and Chiles Plummer

Evelyn and Chiles Plummer Scholarship (1995)

Annual Giving FY 2012

$1,001 to $25,000

Devon Energy Corporation

Encana Oil & Gas USA, Inc.

Bim and Donald Kendall

Elizabeth and Whitney MacMillan

The Perkins Charitable Foundation

Rocky Mountain Power Foundation

Christine and James Scott

Ann and Senator Alan K. Simpson

Mary Lou and Richard Taggart

Gary Collins

Debra Donahue and C. L. Rawlins

Steve Duizer

John Haines

Larry Krause

Kevin McMahon

Stacy Page and Rodger Sanders

Andrew Scott

Jane and Mike Sullivan

Kathleen Taimi and Thomas McCall, Jr.

Laurence Weinberg

Dickson Whitney

Wind River Honey Co.

Amy and Stephen Unfried

Up to $100

Eldon Ayers

Susan Consolo-Murphy

Carmen and John Corra

Deborah Finch and Michael Marcus

Suzanne and Larry Good

Kitty and William Kirby

Nicole Konfanta

Support the ENR's secure server: www.uwyo.edu/giveonline

Please send to:
University of Wyoming Foundation
1200 East Ivinson Street
Laramie, WY 82070

Please note:
University of Wyoming Foundation
1200 East Ivinson Street
Laramie, WY 82070

Donation by Telephone: Call the University of Wyoming Foundation during normal business hours at (307) 766-6300 or (888) 831-7795.

Your gift is tax deductible as provided by law.

Take a virtual tour of our green building
>> uwyo.edu/enr/bim-kendall-house
ATTENTION ALUMNI
Keep an eye out for our upcoming survey

You are among a group of talented, innovative professionals changing the landscape of ENR issues, and we want to hear about your latest accomplishments. Take part in our 2012 alumni survey and help us revitalize our growing ENR alumni network.

It's easy to participate.

First, make sure we have your current contact information. Please send us an email with your updated info, or give us a call.

SEN@UWYO.EDU  (307) 766-5080

Then, watch for a short, web-based survey heading to your inbox soon.

Thank you!