



Science - Environment - Solutions

Dear Friend,

I am pleased to announce recent gifts of more than \$150,000 from the Robert S. and Dorothy J. Keyser Foundation and NV Energy in support of DRI's GreenPower program. They make it possible for DRI to fulfill its mission.

I would also like to thank AT&T and their leadership role in sponsoring the [DRI Nevada Medal](#). This year's medalist, Dr. Robert Ballard, captured the imagination of school children across Nevada and [patrons of the DRI Nevada Medal Dinners](#). Ballard showed the power of science to better understand the world and engage young people.

I hope you will consider DRI in your charitable giving. Your gift will help us expand our programs, provide scholarships to future scientists, and sustain environmental research that supports quality-of-life discoveries.

Thank you again for your ongoing interest in DRI's work.

Sincerely,

Russel A. Kost III
Vice President for Development
DRI Foundation

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Support DRI

Remote Sensing - More than Meets the Eye

Technology is essential to success in the field. Yet it is constantly changing and in order to keep up with the advancements in scientific research, we need your help!

One of our goals this year is to raise \$75,000 to purchase special equipment that allows for a quantitative assessment of surface features and extend the observation window beyond what we can see.

Our old equipment was purchased in 1994 and is

Robert S. and Dorothy J. Keyser Foundation and NV Energy give GreenPower Program a boost

With a generous donation of \$100,000 from The Robert S. and Dorothy J. Keyser Foundation and \$53,200 from NV Energy, DRI will expand the reach of our K-12 school-based GreenPower Program.

GreenPower is a DRI program that educates students on the necessity of a sustainable approach to energy and the environment. The GreenPower Program provides the knowledge and resources faculty need to explain renewable energy, conservation, and sustainability in ways that are tangible to students.

GreenPower provides each participating school a GreenPower toolkit of hands-on teaching tools and materials that can be used in the classroom to enable students to explore green concepts firsthand. These kits are provided to designated GreenPower schools free of charge. They are filled with books, and solar, wind, and hydrogen experiment packages. To date, GreenPower toolkits have been provided to 51 GreenPower schools throughout Nevada.



[Click](#) to read more about GreenPower.

EcoCELLs - A One-of-A Kind Facility



Every day, we take it for granted that we can control our own personal climate. When it's cold outside, we can just turn up the heat inside. When DRI scientists wanted to understand the effects of climate on plants and soils, they designed the EcoCELLs - Ecologically Controlled Enclosed Lysimeter Laboratories - which gives them control over weather and other climate variables by moving entire ecosystems inside. DRI scientists are able to change variables such as temperature, humidity, precipitation, and even the amount of carbon dioxide in the air to see how plants and soil are affected.

DRI needs your support to continue to maintain the [EcoCELLs](#) and begin new, important experiments in this facility. Climate science research is critical to DRI's mission, and the EcoCELLs need to be ready for the next set of experiments testing what changes in the Earth's climate will do to plant and soil ecosystems.

outdated. A new, more rugged, field spectrometer will give DEES scientists the ability to measure and characterize minerals, vegetation, man-made surfaces, and different field plots.

Your support will help us purchase a *FieldSpec 3* that will benefit a large number of DEES faculty members allowing them to collect field data more accurately and efficiently.

[Click here](#) to donate



[Click here](#) to support the EcoCELLS with your gift.

DHS Encourages Efficient Management of Water Resources

The Division of Hydrologic Sciences (DHS) has grown steadily over the years, and built a strong program of research, development and education in the hydrologic sciences. DHS's mission is to improve society's fundamental knowledge and understanding of hydrologic systems and to encourage more effective and efficient management of water resources.

Most recently, The National Science Foundation selected DHS's Kendrick Taylor, Ph.D. to be chief scientist for the West Antarctic Ice Sheet Divide Ice Core Project, a crucial step in defining the influence of changes in greenhouse gasses on climate demonstration, deployment, commercialization, education and training.

This is just one of the many ongoing research projects being undertaken by DHS. You can read more about these research projects by visiting the DRI website.



[Click here](#) for more information.

About DRI

DRI is the environmental research arm of the Nevada System of Higher Education. DRI conducts cutting-edge applied research in air, land and life, and water quality across Nevada, the United States and on every continent.

About the DRI Foundation

The DRI Foundation's mission is to maximize DRI's global environmental impact by securing necessary funding, promoting DRI to multiple constituencies and expanding DRI's reach.



Please visit our website at www.dri.edu.
Donate to DRI at www.dri.edu/foundation.