

Impact: from local to global

The Utah Water Research Laboratory (UWRL) is the oldest and one of the largest university-based water research facilities in the United States and is considered one of the most well-respected facilities of its kind. Our cutting-edge research facility and expert water faculty attract students from countries around the world, many of whom move on to become the next generation of water experts in their own countries.



While our diverse research program, which is directed at solving interdisciplinary water-related problems in Utah and around the globe, has gained an international reputation for applied research, training, and technical assistance in a broad spectrum of water disciplines, the UWRL focuses primarily on Utah's unique water challenges.

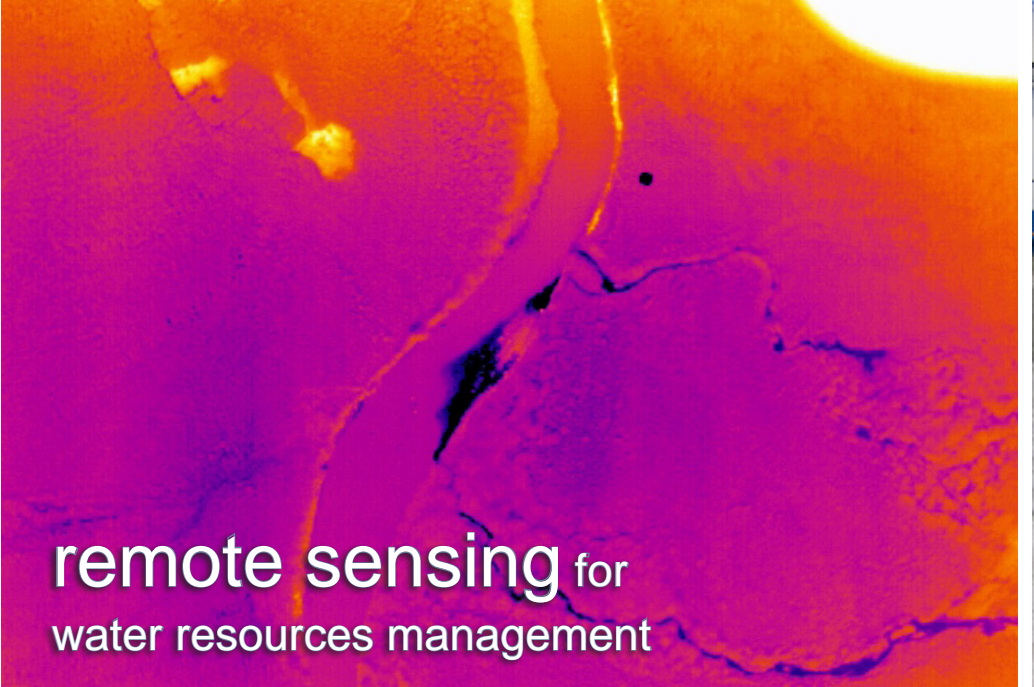
In 2014 alone, we conducted over 250 projects that will yield future benefits in each of Utah's 29 counties. Some projects are relatively small, while others involve interdisciplinary teams in collaboration with multiple agencies and the private sector.

As we celebrate 50 years of water research, education, and value to Utah and the world, we acknowledge the dedicated people and innovative ideas that have made these achievements possible.

For more information, visit our website at:
uwrl.usu.edu



finding solutions through environmental research



remote sensing for water resources management



new 11,000 ft² hydraulics facility built with NO taxpayer money



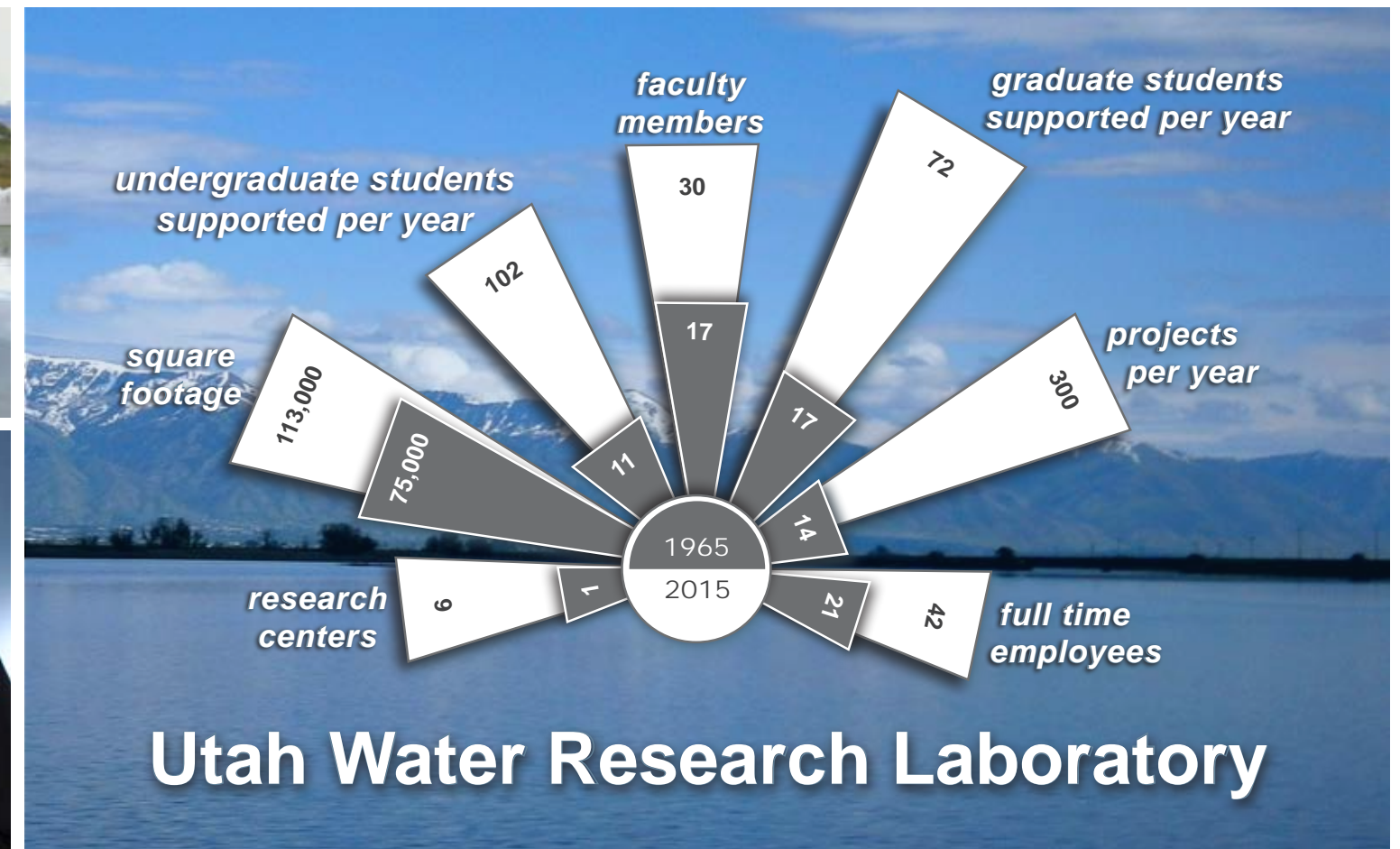
world leaders in hydrologic data infrastructure



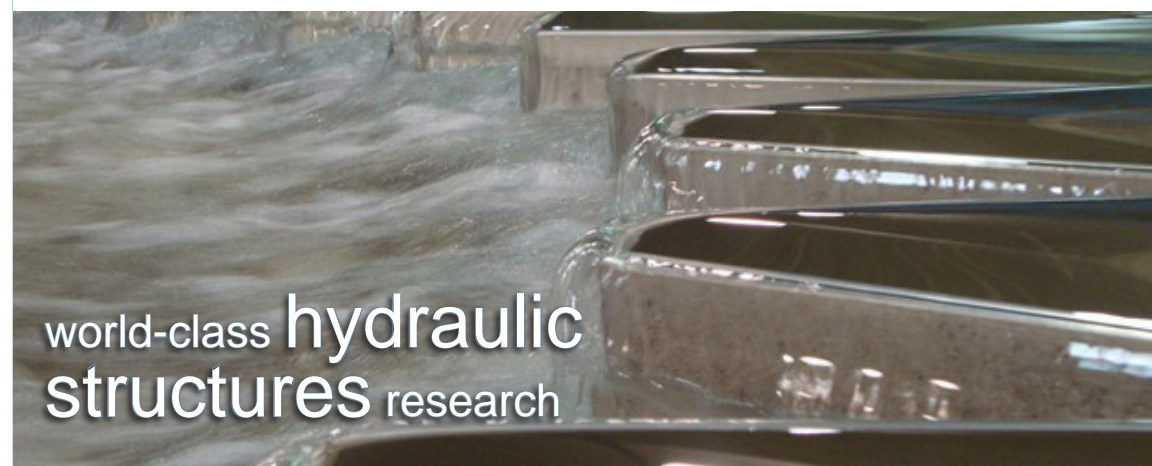
Innovations in wastewater and drinking water quality



UWRL faculty have served on 99 Utah advisory boards



over 113,000 ft² of office, computer, and lab space



world-class hydraulic structures research



over 250 funded projects benefited Utah in 2014



developing and using advanced instrumentation



proven benefits to Utah through Mineral Lease Fund support

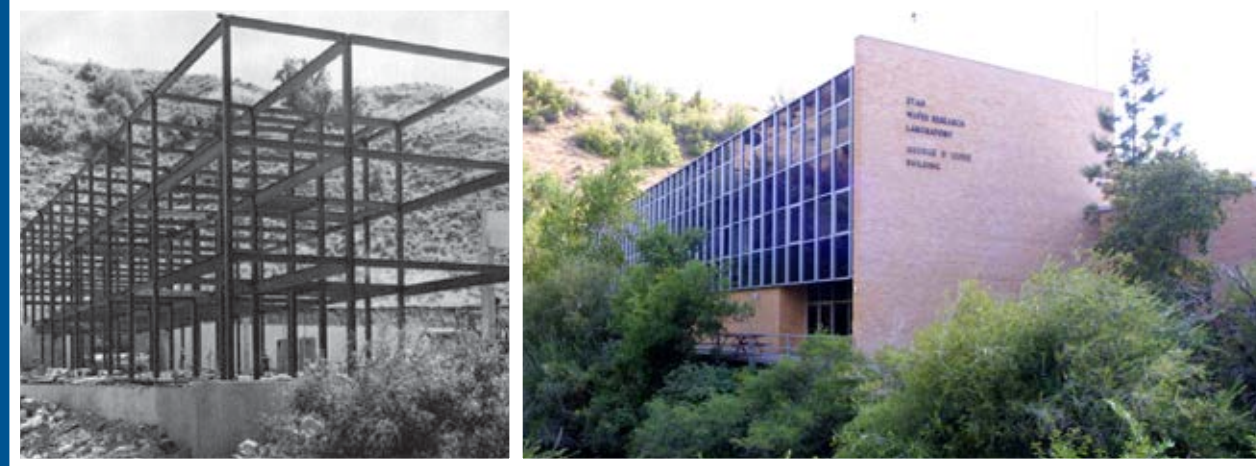
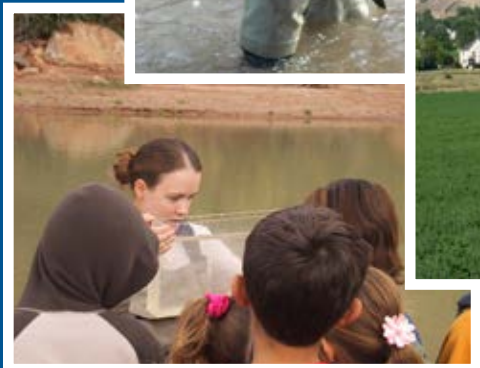
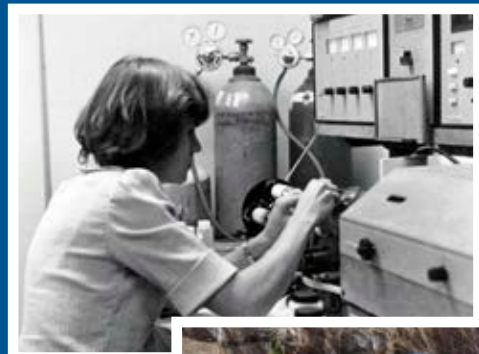
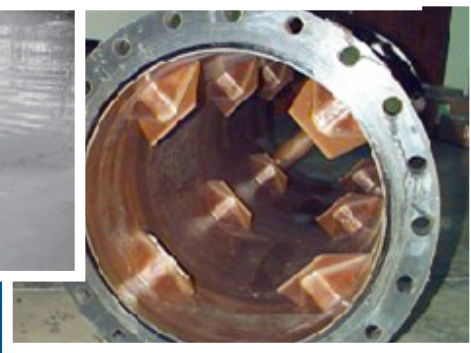
50 years of water...

research

education

&

value to
UTAH



The year 2015 marks the 50th anniversary of the Utah Water Research Laboratory building dedication, and we are taking this opportunity to celebrate all that has happened here since 1965.

While our goals and mission remain the same, the tools we use to accomplish that mission, many of them developed right here at the UWRL, have grown in complexity and sophistication. In the early 1960s, for example, the UWRL was among the first in the world to use hybrid digital/analog computers to model hydrologic systems. Today UWRL researchers have created a cyberinfrastructure platform that makes vast stores of historic and new hydrologic data immediately accessible for water research worldwide, we deploy intelligent flying robots on a daily basis to gather remotely sensed data for scientific and natural resources applications, and just as in 1965, we continue to develop advanced computer modeling methods to provide better forecasts about the future behavior of complex hydrologic systems in support of natural resources management.

This report provides a snapshot of just a few of the UWRL's contributions and accomplishments over the past 50 years. As we contemplate the years ahead, we look forward to finding new and better solutions to the water challenges of the future.



UtahStateUniversity
WATER EXPERTISE AT ITS SOURCE

UtahStateUniversity

50
Years of
Water
Excellence

2015 1965

Utah Water Research Laboratory

Year of Water - Executive Summary