

UW OFFICE OF WATER PROGRAMS



**OWP Created
by
2002 State Legislature**



Responsibilities of OWP

- University of Wyoming Advisor to WWDC.
- Director of Wyoming's National Institute of Water Resources (NIWR)—One of 54 National Institutes.
- Director of Wyoming's WWDC/Legislative Select Water Committee supported Water Research Program.
- Advisor to WWA.



NIWR/Water Research Program (WRP) Coordination

- Identify research needs of state and federal agencies regarding Wyoming's water resources.
- Serve as a point of coordination for research activities by UW.
- Provide competitive grants for performing water related research and training.



ADVISORY COMMITTEE

- Eight State, Federal, and private agencies.
- Serves an active role in identifying research needs.
- Selects projects for funding.
- Monitors project progress and evaluates results.



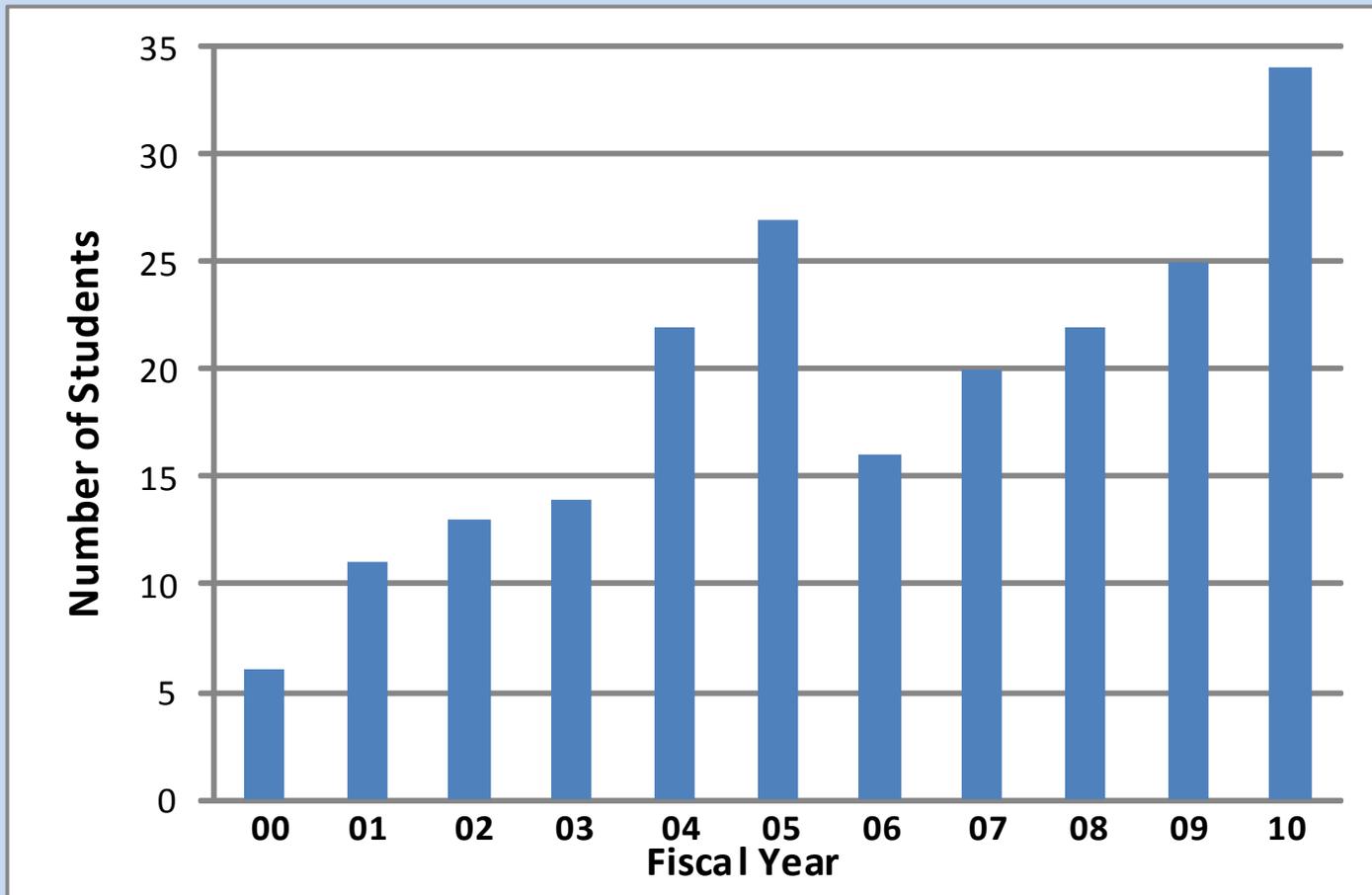
PROGRAM SUPPORT



STUDENT TRAINING



Students Participating in WRP Projects



Employment of WRP Supported CE Students

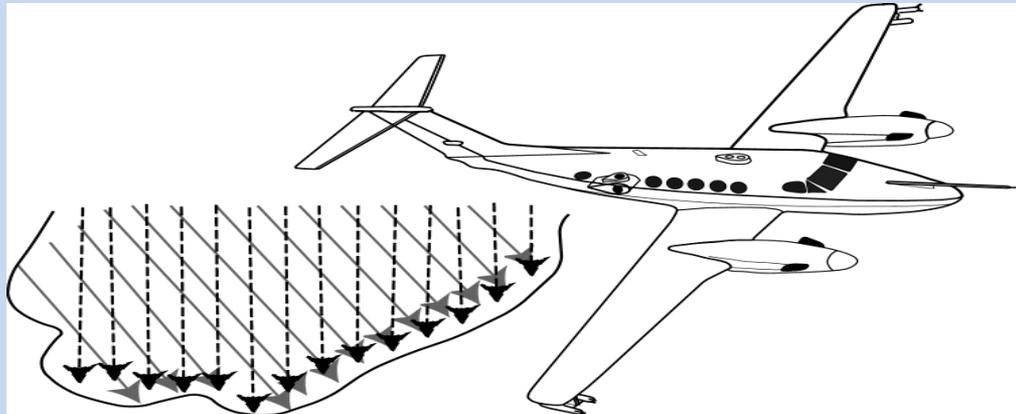
Employment	Number
Ph.D. Candidates at Other Universities	3
Wyoming Engineering Firms	9
Engineering Firms Outside of Wyoming	4
State/Federal Agencies in Wyoming	1
State/Federal Agencies outside of Wyoming	2

EXAMPLE PROJECTS



Example WRP Projects

- Hydrologic impacts of irrigation efficiencies and land use changes.
- Winter (low) flows of small mountain streams.
- Geochemical changes of coalbed natural gas (CBNG) disposal ponds.
- Conveyance losses and travel times of reservoir releases.
- Land use impacts on Jackson Hole streams.
- Predicting drought in the Green River Basin.
- Weather modification impacts and streamflow.
- Multi-century droughts in Wyoming's past.
- Water quality criteria for Wyoming livestock and wildlife.
- GIS-based tools and mapping for agricultural water use.
- Impact of bark beetle outbreaks on forest water yield.



A scenic photograph of a sunset over a body of water. The sun is low on the horizon, casting a golden glow across the sky and reflecting on the water's surface. The sky is filled with scattered clouds, and the water in the foreground shows some reeds or grasses. The overall mood is peaceful and serene.

OWP Web Site:
www.uwyo.edu/owp