Area of Interest/Contribution
(Please check as many as apply)

Focus	What you might do – *Implementation ideas*
☐ Water quality	Monitor water quality in time or at various sites.
☐ Bird monitoring	Conduct a bird count or make a bird guide for your site. Study pollinators & bats!
☐ Plant survey	Monitor plant diversity and growth along a transect.
☐ Animal survey	Conduct an animal survey or make an animal guide for your site.
☐ Stream restoration	Monitor a stream or riparian restoration project regularly to chart the re-establishment of a healthy ecosystem.
☐ Stream hydrology	Monitor the flow and/or sediment load at your site.
☐ Invasive plant /animal survey	Conduct a survey or make an identification guide for your site.
☐ Landuse survey	Monitor the impact of landuse change on the riparian ecosystem.
☐ Field research proj.	Help students design and conduct riparian ecosystem research projects.
☐ Classroom research proj.	Help students design and conduct biology in a bottle, artificial wetlands or similar classroom research projects.
☐ Classroom skills devel.	Develop student skills of observation and measurement.
☐ Other	

Please return to: Martha P.L. Whitaker
POB 210011, Tucson, AZ 85721-0011
or fax 520-621-1422

Small Grants
AZ Rivers offers small grants (up to $250) for K-12 teachers to facilitate student-based research. This modest funding can assist with basic expenses to allow classes to engage in riparian monitoring, such as to help pay for equipment, field trips or substitutes. See web site for application directions.

Water Quality Monitoring Equipment
Schools in Tucson, Phoenix, and Flagstaff can check out water quality monitoring equipment through two sources:
Water in Arizona - Teacher Resources (WATER) kits are available from the UA-SAHRA program (www.sahra.arizona.edu/water/) and include enough supplies to facilitate classroom-wide participation in water education activities.
Healthy Water-Healthy People (HWHP) water testing and macro-invertebrate kits are available for check-out from AZ Project WET (www.cals.arizona.edu/azwater/wet/).

Contact Information

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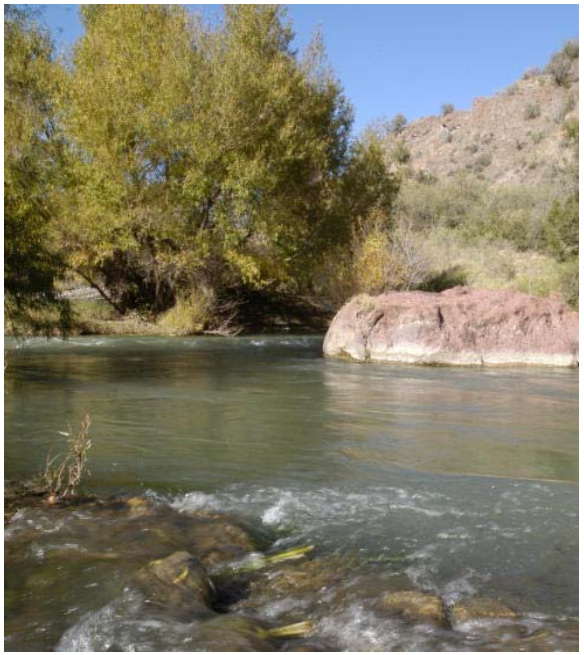
AZ Rivers
Needs Teachers



Our Mission:

to facilitate collaborations between teachers/students and scientists/watershed managers to promote long-term research and monitoring of riparian environments in Arizona.

Teachers & Students

This is great place-based environmental science opportunity for teachers and students, an innovative way to implement science and math outside a traditional classroom environment and improve our understanding of Arizona's precious water resources.

Three day Workshops will be held in Tucson, Phoenix and Flagstaff every summer and cover water quality, ecologic monitoring and student inquiry. Travel and implementation stipends are available.

Potential Project Sites

- Rio Salado, Phoenix/Maricopa Contact: Heather Watson, heather.watson@phoenix.gov
- Patagonia Reservoir, Nogalas/Santa Cruz, Contact: Robert Casavant rcasavant@azstateparks.gov
- Santa Cruz Water Quality, Tumacacori National Monument Contact: Jeremy Moss, jeremy.moss@nps.gov
- Buck Fire Restoration Project, Gila River, Maricopa County, Contact: Diana Stuart, dms@mail.maricopa.gov
- N. Simpson Farm, Marana/Pima, Tucson Audubon Society, Contact: Kendall Kroesen kkroesen@tucsonaudubon.org

Two key characteristics of potential project sites are that they must be accessible and related to a stream or wetland. You will want to develop science questions that are of interest for this site and work with someone who can provide some background information and guidance to students or teachers.

Arizona Rivers is looking for teachers, students, citizen scientists, and student organizations that are interested in partnering with volunteer river monitors and local watershed experts to: collect water quality data, investigate riparian ecology and habitats, monitor stream restoration

Potential Mentors

We are actively seeking water professionals and others active in their community's water issues to sign up to become an Arizona River "Science Collaborator". We will look at your areas of expertise and interest and try to match you with a student or classroom in your home community. There are many potential roles you might play, ranging from helping us develop worthwhile monitoring projects to supporting a teacher with little prior field experience to working one-on-one with an advanced student on a longer-term project. Please check as many boxes as possible on the accompanying interest form and be assured we will work closely with you to find the level of commitment that works best for both you and your partner.

Please do not wait for us to find you a partner – you may already know of a scientist or water professional that you would be particularly interested in working with. Just look on our web site for some background information and get started. Later, let us help expand your options through training and other networking events.

AZrivers Teachers & Students

Interest Form

Name:
School:
Grade level:
Subject:
Contact Email:
Phone:
Address:
State/Zip:
Area of Expertise:
If known please identify a mentor or partner you specifically want to work with:

Where and how often can you participate in AZrivers related monitoring or skills development?

☐ On-campus	
☐ Off-campus – distance willing to travel:	
☐ 8 hours monthly	
☐ 4 hours monthly	
☐ Once or twice per semester	
☐ Specific dates:	
Best Days: S M T W R F S	Best times: