

Appendix A

**Progress toward Goals Outlined in
University of Arizona Water Resources Research Center (WRRC)
2021 STRATEGIC PLAN**

2013 Metrics Report – Completed October 28, 2014

Goal 1: To increase WRRC capacity to engage in water policy and management research that is highly relevant to the real world through increased external funding and support and recruitment of skilled faculty and staff.

Metrics	2012 ^a	2013 ^a
Grant Funding Received		
Federal grants and contracts	\$462,806	\$286,792
State grants and contracts	\$78,816	\$10,435
Foundation funds	\$177,463	\$69,038
Private grants and contracts	\$300,675	\$773,792
WRRC Staffing		
Faculty	4 (1 emeritus)	4 (1 emeritus)
Staff	12	13
Students	34	53
Grant-Funded Projects		
Number of new projects	6	8
Project funding	\$592,632	\$127,706
Indirect Costs (IDC) Received		
Total	\$50,170	\$123,378
University	\$32,160	\$74,027
CALS	\$12,864	\$29,611
Other departments	nm ^b	\$3,839
WRRC	\$5,146	\$8,005

^aFigures are not fully comparable between reporting periods: 2013 accounts for incoming dollars on a “cash flow” basis, rather than on an “awarded” basis, as in 2012.

Goal 2: To increase recognition, both within and beyond the University, of the WRRC as an excellent provider of skills and knowledge for future generations of water professionals.

Metrics	2012	2013
Students Mentored Through WRRC Programs		
Graduate	14	20
Undergraduate	8	18
Project WET	12	25
WRRC Faculty Participation on Student Committees		
Master's	9	9
Ph.D.	8	4
Number of Students Instructed in Classroom Setting		
Formal class	12	15
Guest lectures	220	205

WRRC 2013 Metrics Report, Continued.

Goal 3: Through the activities of Arizona Project WET, support teacher professional development, offer real-world learning experiences for K-12 students, and train community and business members to facilitate student learning.

Metrics	2012	2013
Number of teachers with 7+ hours of professional development	366	386
Number of teachers with 90%+ positive response rate to professional development questionnaire	366 (100%)	363 (94%)
Number of students instructed by participating teachers	23,400	29,837
Number of students engaged	21,432	27,611
Projected gallons of water saved	18,973,169	4,876,691

Goal 4: To enhance WRRC leadership in the dissemination of sound and independent water management and policy information and research results through increasing communication with a broad network of professional contacts around the State and beyond.

Metrics	2012	2013
Brown Bag Seminars	22	16
Annual Conference Registrations	334	302
Number of Presentations (Estimates of audience attendance)		
Local (Tucson)	11 (760)	27 (1,870)
State (Arizona)	33 (921)	27 (760)
National	12 (575)	16 (770)
International	16 (2,530)	10 (1,590)
Media Contacts		
Radio	3	3
Print	8	10
Video	5	3
Subscribers to WRRC Publications		
UA	212	219
National	1,802	1,750
International	12	13
Online	1,097	1,396
Weekly Wave	nm ^b	1,825

^bnm: not measured; metric added in 2013.

Partnership Metrics follow (page 3); also added to metrics in 2013.

2013 University of Arizona Water Resources Research Center (WRRC) Partnership Metrics

Completed December 1, 2014

Program	Strategic Plan Objective	FTE			Mission Focus (%)			Partners/Collaborators/Engagement											
		WRRC Staff	Student	Volunteer Hours	Research	Instruction	Extension/ Outreach	Intra-university	Inter-university	Private/NGOs		Government					Tribal Engagement	International Engagement	Total
										Profit	Non-profit	City	County/Regional	State	Federal	School Districts			
WRRC 2013 Annual Conference	2, 4	0.3	0.1	57					6	7	7	1	2	3	2		1	2	31
WRRC Brown Bag Seminars	4	0.1		32		40	60	5	7	1	1	2		2	1		1	4	24
WRRC External Advisory Committee	1, 4	0.1				50	50	1		8	7	2	1	5	1		1		26
Desert Water Harvesting Initiative	1, 2, 4	0.3	0.5		50		50	8			1	8	2		1				20
Groundwater, Climate, and Stakeholder Engagement	1, 4	0.1	0.5		100			7		6	4	3	2	5	6			2	35
Arizona Water News, Arroyo	2, 4	0.3	0.3				100	7		1		4	1	2	1				16
Water Quality Research Program	1, 2	0.6	2.0		50	25	25	1	5		1				1	1			9
Water Investigators Program (WIP)	3	2.3		1427		100		2	1	2	2	2		1		3			13
Tucson Water Education Program (TWE)	3	2.1	3.3			100					4	1				7			12
Arizona Water Festivals Program (AWF)	3	1.3		2820		100											1		1
Teacher Professional Development Program (TACD)	3	2.3				100				4	1	6		3		11			25
Water Scene Investigation Program (WSI)	3	0.3				100					1					3			4
School Water Audit Program (SWAP)	3	0.3				100					1	2		1		4			8
Pinal Water Education Program (PWE)	3	1.3				100					4	1				7			12
Conserve2Enhance Program (C2E)	1	1.0	0.5	330	50		50	1		1	5	4	4			1			16
Environmental Water Program Roadmap Project	1	0.8	0.5	800	70		30	11	10	76	61	51	3	20	24	13	10		279
Town of Clarkdale Water Management Project	1, 4	0.5	0.0	208	80		20		1	5	1	5	1	1					14
Gila Watershed Planning Project	1	0.5	0.8	520	80		20	1	2	8	4	10	4	3	10		1		43
Director's Programs and Activities (not covered elsewhere)	1,2,4	1.0	1.0		20	10	70	16	62	1	17	1	1	4	12			8	122
Total		15.3	8.4	6194				60	94	120	122	103	21	50	47	50	15	8	690

Objectives, University of Arizona Water Resources Research Center 2021 Strategic Plan

Objective 1: To increase WRRC capacity to engage in water policy and management research that is highly relevant to the real world through increased external funding and support and recruitment of skilled faculty and staff.

Objective 2: To increase recognition, both within and beyond the University, of the WRRC as an excellent provider of skills and knowledge for future generations of water professionals.

Objective 3: Through the activities of Arizona Project Wet, support teacher professional development, offer real-world learning experiences for K-12 students, and train community and business members to facilitate student learning.

Objective 4: To enhance WRRC leadership in the dissemination of sound and independent water management and policy information and research results through increasing communication with a broad network of professional contacts around the State and beyond.