University of Arizona Water Resources Research Center 2019 METRICS REPORT

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

2019 Metrics Report Completed May 6, 2020

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.

	2014	2015	2016	2017	2018	2019	
Grant Funding Received							
Federal grants and contracts	\$245,199	\$374,803	\$397,374	\$456,246*	\$407,240	\$418,834	
State grants and contracts	\$40,569	\$161,062	\$127,882	\$89,100	\$94,500	\$93,961	
Foundation funds	\$564,249	\$233,249	\$101,871	\$117,500	\$211,590	\$245,533	
Private grants and contracts	\$100,158	\$411,252	\$473,973	\$270,012	\$363,791	\$286,985	
WRRC Staffing							
Faculty	4 (1 emeritus)						
Staff	15	22	21	20	20	20	
Students	42	24	19	24	20	12	
Grant-Funded Projects							
Number of new projects	11	3	6	5	8	8	
Project funding	\$385,926	\$154,924	\$559,661	\$387,699.00	\$661,365	\$576,607	
Indirect Costs (IDC) Received							
Total	\$55,369	\$76,548	\$89,659	\$79,513.97	\$94,789	\$86,508	
University	\$33,221	\$45,928	\$53,795	\$47,708.38	\$56,874	\$51,905	
CALS	\$13,288	\$18,372	\$21,518	\$19,083.35	\$22,749	\$20,762	
Other departments	\$3,778	\$485	\$1,496	\$1,185.05	\$1,422	\$1,298	
WRRC	\$5,082	\$11,763	\$12,850	\$11,537.19	\$13,745	\$12,543	

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

	2014 2015		2016 2017		2018	2019
Students Mentored Through WRRC Program	ıs					
Graduate	24	20	14	19	16	3
Undergraduate	6	13	7	7	4	2
Project WET	27	22	22	20	22	22
WRRC Faculty Participation on Student Con	nmittees					
Master's	6	8	12	8	2	3
Ph.D.	3	5	9	10	12	13
Number of Students Instructed in Classroom	n Setting					
Formal class	16	15	15	101	102	131
Guest lectures	165	225	260	92	151	172

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.

	2014	2015	2016	2017	2018	2019
Number of teachers with 7+ hours of professional development	550	341	522	563	451	566
Number of teachers with 90%+ positive response rate to professional development questionnaire	523 (95%)	317 (93%)	496 (95%)	534 (95%)	421 (92%)	511(90%)
Number of students instructed by participating teachers	46,456	31,759	35,695	44,470	22,614	33,739
Number of students engaged	40,100	33,392	46,776	25,681	32,828	37,678
Projected gallons of water saved	5,364,514	3,688,811	3,656,230	2,151,214	2,478,420	1,476,722

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.

	2014	2015	2016	2017	2018	2019	
Brown Bag Seminars	18	16	21	17	22	16	
Annual Conference Registrations	341	341	286	357	333	390	
Number of Presentations (Estimates of	audience attendance)						
Local (Tucson)	49 (1,470)	16 (480)	47 (1,410)	21 (630)	32 (960)	21(630)	
State (Arizona)	32 (1,920)	27 (1,620)	32 (1,920)	30 (1,800)	7 (420)	20(1200)	
National	23 (2,185)	18 (1,710)	25 (2,375)	14 (1,330)	30 (2,850)	12(1140)	
International	5 (800)	7 (1,120)	10 (1,600)	13 (2,080)	5 (800)	4 (600)	
Media Contacts							
Radio	3	2	7	3	1	0	
Print	10	8	15	13	12	7	
Video	6	2	8	5	1	1	
Online	8	3	3 7		6	20	
Subscribers to WRRC Publications							
UA	209	215	198	198	198	115	
National	1,719	1,852	1,545	1,533	1,520	1299	
International	12	15	11	11	10	11	
Online	5,700	5,512	5,956	5,356	2,475	2500	
Weekly Wave	1,780	1,822	2,027	2,198	2,630	2734	

2019 University of Arizona Water Resources Research Center (WRRC) Partnership Metrics

Completed April 20, 2020

Note: Programs in blue text were added in 2019.

			FTE		Miss	ion Fo	cus (%)		Partners/Collaborators/Engagement										
				w					_	Private/NGOs Go				overnment					
Program	Strategic Plan Objective	WRRC Staff	Student	Volunteer Hours	Research	Instruction	Extension/ Outreach	Intra-university	Inter-university	Profit	Non-profit	City	County/Regiona I	State	Federal	School Districts	Tribal Engagement	International Engagement	Total
WRRC 2019 Annual Conference	2,4	0.5	0.3	80	20	30	50	2		12	8	4	16	4	2		4		52
WRRC Brown Bag Seminars (Including Co-sponsored)	4	0.1				40	60	8	1	2	1	1					1	2	16
WRRC External Advisory Committee	1, 4	0.1				30	70		1	8	7	3	3	3	2		2		29
Arroyo	2,4	0.3	0.2			10	90	1		5	3	1	1	3	1		1		16
Water Quality Research Program	1, 2	1.9	1.0		40	50	10	10	31		3	35	10	20	2	10	2	20	143
WRRA 104 Program	1,4	0.4			40	30	30	11		3	1		3		1				19
Aqua STEM Program (AS)	3	1.0		491	10		90	1	1	3	1	2	1	1		15			25
Tucson Water Education Program (TWE)	3	2.0	5.0		1		99	5			2	5	2	1	1	9			25
Arizona Water Festivals Program (AWF)	3	2.0		6924	5		95	4	1	11	2	26	1	1	1	32			79
Teacher Professional Development Program (TACD)	3	2.5			10		90	1	2			16		1	1	132			153
Water Scene Investigation Program (WSI)	3	0.4			1		99				1	2				4			7
Recharge the Rain	3	0.5		400	5		95	1	2		2	1				7			13
Pinal Water Education Program (PWE)	3	1.0		1116	1		99	1		2		5	1	1		7			17
Underwater ROV's	3	0.5		304	20		80		1	1				1		11			14
Cobre Valley Ecosystem Services Study	1,4	0.7	0.5	56	50		50	4	1	6	5	3	3	4	3	1	2		32
Babbitt Center Collaborative Research Agreement	1,4	0.5			60		40	1			4	8		4	3		1		21
Sky Island Waters	1,4	0.1		80	30		70	5	2	2	6		2		2		2	4	25
UA Water Network	1,4	0.2					100	59											59
Transboundary Aquifer Assessment Program (TAAP)	1, 4	0.85	0.5		90		10	3	4		7				4			8	26
Extension Outreach	1, 4	0.4	0.1		10		90	10		2									12
Know About Your Water	1, 4	0.4	0.2		10		90			3	5	2	1	3	1				15
Santa Cruz Watershed Collaborative	1, 4				10		90	2		6	11	6	4	2	5	2	1		39
Other Programs, Projects, and Initiatives	1,2,4	0.2						4		3	4		1	1	2				15
Director's Programs and Activities (not covered elsewhere)	1,2,4				20	10	70	31	68	9	29	3	3	4	14		4	18	183
Totals 2019		16.6		9451				164	115	78	102	123	52	54	45	230		52	1035
Totals 2018		15.4	9.7	7025				82	116	80	130	124	56	59	61	201	17	47	973
Totals 2017		14.6		7099				127	109	70	99	104	46	57		223		35	950
Totals 2016		13.6		7516				121	103	71	80	105	37	60		235		30	902
Totals 2015		15.6		7699				50	151	85	80	73	22	43		53	37	30	674
Totals 2014		15.5	9.2	6677				89	99	89	123	82	37	42	42	39	13	42	697
Totals 2013		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

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