

# Appendix A -2015 METRICS REPORT

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

Completed June 17, 2016

**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.

	2012 <sup>a</sup>	2013 <sup>a</sup>	2014	2015
<b>Grant Funding Received</b>				
Federal grants and contracts	\$462,806	\$286,792	\$245,199	\$374,803
State grants and contracts	\$78,816	\$10,435	\$40,569	\$161,062
Foundation funds	\$177,463	\$69,038	\$564,249	\$233,249
Private grants and contracts	\$300,675	\$773,792	\$100,158	\$411,252
<b>WRRC Staffing</b>				
Faculty	4 (1 emeritus)	4 (1 emeritus)	4 (1 emeritus)	4 (1 emeritus)
Staff	12	13	15	22
Students	34	53	42	24
<b>Grant-Funded Projects</b>				
Number of new projects	6	8	11	3
Project funding	\$592,632	\$127,706	\$385,926	\$154,924
<b>Indirect Costs (IDC) Received</b>				
Total	\$50,170	\$123,378	\$55,369	\$76,548
University	\$32,160	\$74,027	\$33,221	\$45,928
CALS	\$12,864	\$29,611	\$13,288	\$18,372
Other departments	nm <sup>b</sup>	\$3,839	\$3,778	\$485
WRRC	\$5,146	\$8,005	\$5,082	\$11,763

**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.

	2012	2013	2014	2015
<b>Students Mentored Through WRRC Programs</b>				
Graduate	14	20	24	20
Undergraduate	8	18	6	13
Project WET	12	25	27	22
<b>WRRC Faculty Participation on Student Committees</b>				
Master's	9	9	6	8
Ph.D.	8	4	3	5
<b>Number of Students Instructed in Classroom Setting</b>				
Formal class	12	15	16	15
Guest lectures	220	205	165	225

**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.

	2012	2013	2014	2015
<b>Project WET Accomplishments</b>				
Number of teachers with 7+ hours of professional development	366	386	550	341
Number of teachers with 90%+ positive response rate to professional development questionnaire	366 (100%)	363 (94%)	523 (95%)	317 (93%)
Number of students instructed by participating teachers	23,400	29,837	46,456	31,759
Number of students engaged	21,432	27,611	40,100	33,392
Projected gallons of water saved	18,973,169	4,876,691	5,364,514	3,688,811

**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.

	2012	2013	2014	2015
<b>WRRC Outreach Activities</b>				
Brown Bag Seminars	22	16	18	16
Annual Conference Registrations	334	302	341	341
<b>Number of Presentations (Estimates of audience attendance)</b>				
Local (Tucson)	11 (330)	27 (810)	49 (1,470)	16 (480)
State (Arizona)	33 (1,980)	27 (1,620)	32 (1,920)	27 (1,620)
National	12 (1,140)	16 (1,520)	23 (2,185)	18 (1,710)
International	16 (2,560)	10 (1,600)	5 (800)	7 (1,120)
<b>Media Contacts</b>				
Radio	3	3	3	2
Print	8	10	10	8
Video	5	3	6	2
Online <sup>c</sup>	nm <sup>c</sup>	nm <sup>c</sup>	8	3
<b>Subscribers to WRRC Publications</b>				
UA	212	219	209	215
National	1,802	1,750	1,719	1,852
International	12	13	12	15
Online	1,097	1,396	5,700	5,512
Weekly Wave	nm <sup>b</sup>	1,825	1,780	1,822

<sup>a</sup>2013 accounting shows incoming dollars on a “cash flow” basis, rather than on an “awarded” basis, shown in 2012.

<sup>b</sup>nm: not measured; metric added in 2013.

<sup>c</sup>Online media contacts metric added in 2014; includes media contacts online ONLY – contacts in print and online are accounted for in Print Media Contacts.

## 2015 University of Arizona Water Resources Research Center (WRRC) Partnership Metrics

Completed May 30, 2016

Note: Programs in [blue text](#) were new in 2015.

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 2015 Annual Conference	2,4	0.3	0.3	80	33	33	34	3	6	7	7	4	2	4	2	3	21	2	61
WRRC Brown Bag Seminars <a href="#">(Including WSP Speakers)</a>	4	0.1	0.1			40	60	5	7	1	3	3	2	4	2		1	4	32
WRRC External Advisory Committee	1, 4	0.1				50	50	1		8	7	2	1	5	1		1		26
Desert Water Harvesting Initiative	2,4	0.1					100	2				3							5
<a href="#">SCAMA Water Management Website</a>	<a href="#">1,4</a>	<a href="#">0.1</a>			<a href="#">100</a>							<a href="#">2</a>		<a href="#">3</a>					<a href="#">5</a>
Arizona Water Resource, Arroyo	2,4	0.2	0.5				100	2		4	4	1	2	3	1		5		22
Beyond the Mirage - ClipStack™	2,4	0.3					100	2		1	1								4
Water Quality Research Program	1, 2	0.5	3.0		50	25	25	6	24		2	17	5	10	15	2		8	89
Water Investigators Program (WIP)	3	3.0		4419	5		95	4	2	6	4	4				6			26
Tucson Water Education Program (TWE)	3	3.0	3.8		2		98				8	2			2	12			24
Arizona Water Festivals Program (AWF)	3	3.5		2600	3		97			30	3	18		3			2		56
Teacher Professional Development Program (TACD)	3	0.7			2		98			5	1	6	1	1		12			26
Water Scene Investigation Program (WSI)	3	0.4			1		99					1				3			4
School Water Audit Program (SWAP)	3	0.4			1		99			1	1	2				4			8
Pinal Water Education Program (PWE)	3	1.3			1		99			1	4	1		1		7			14
Conserve2Enhance Program (C2E)	1	0.5					100			1	1					2			4
<a href="#">Community Conversations in Globe/Miami</a>	<a href="#">1,4</a>	<a href="#">0.3</a>		<a href="#">200</a>	<a href="#">20</a>		<a href="#">80</a>	<a href="#">1</a>		<a href="#">5</a>	<a href="#">2</a>	<a href="#">2</a>	<a href="#">1</a>		<a href="#">1</a>	<a href="#">2</a>	<a href="#">1</a>		<a href="#">15</a>
<a href="#">Desert Flows Database</a>	<a href="#">1</a>	<a href="#">0.4</a>	<a href="#">0.3</a>	<a href="#">100</a>	<a href="#">90</a>		<a href="#">10</a>	<a href="#">2</a>	<a href="#">2</a>		<a href="#">3</a>		<a href="#">2</a>	<a href="#">1</a>	<a href="#">6</a>			<a href="#">3</a>	<a href="#">19</a>
Gila Watershed Planning Project	1,4	0.3	1.0	300	60		40	2	1	12	6	3	3	4	6		1		38
UA Water Network	1,4	0.1	0.5				100		42										42
<a href="#">Desert Landscaping Website</a>	<a href="#">1,4</a>	<a href="#">0.1</a>					<a href="#">100</a>		<a href="#">3</a>				<a href="#">1</a>						<a href="#">4</a>
Director's Programs and Activities (not covered elsewhere)	1,2,4				20	10	70	20	64	3	23	2	2	4	14		5	13	150
<b>Totals 2015</b>		<b>15.6</b>	<b>9.5</b>	<b>7699</b>				<b>50</b>	<b>151</b>	<b>85</b>	<b>80</b>	<b>73</b>	<b>22</b>	<b>43</b>	<b>50</b>	<b>53</b>	<b>37</b>	<b>30</b>	<b>674</b>
<b>Totals 2014</b>		<b>15.5</b>	<b>9.2</b>	<b>6677</b>				<b>89</b>	<b>99</b>	<b>89</b>	<b>123</b>	<b>82</b>	<b>37</b>	<b>42</b>	<b>42</b>	<b>39</b>	<b>13</b>	<b>42</b>	<b>697</b>
<b>Totals 2013</b>		<b>15.3</b>	<b>8.4</b>	<b>6194</b>				<b>60</b>	<b>94</b>	<b>120</b>	<b>122</b>	<b>103</b>	<b>21</b>	<b>50</b>	<b>47</b>	<b>50</b>	<b>15</b>	<b>8</b>	<b>690</b>

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

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- 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.