

# University of Arizona Water Resources Research Center

## Appendix A - 2022 METRICS REPORT

Progress toward Goals Outlined in University of Arizona Water Resources Research Center (WRRC) 2022 STRATEGIC PLAN

2022 Metrics Report Completed June 2023

**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.

	2017	2018	2019	2020	2021	2022
<b>Grant Funding Received<sup>a</sup></b>						
Federal grants and contracts	\$456,246*	\$407,240	\$418,834	\$339,051	\$349,014	\$397,642
State grants and contracts	\$89,100	\$94,500	\$93,961	\$87,050	\$151,152	\$70,691
Foundation funds	\$117,500	\$211,590	\$245,533	\$210,510	\$155,654	\$109,055
Private grants and contracts	\$270,012	\$363,791	\$286,985	\$363,562	\$370,692	\$286,985
<b>WRRC Staffing</b>						
Faculty	3	3	3	3	2	1
Staff	20	20	20	18	12	8
Students	24	20	12	12	8	8
<b>Grant-Funded Projects</b>						
Number of new projects	5	8	8	6	8	4
Project funding	\$387,699.00	\$661,365	\$576,607	\$241,100	\$328,036	\$406,594
<b>Indirect Costs (IDC) Received</b>						
Total	\$79,513.97	\$94,789	\$86,508	\$66,070	\$54,068	\$92,675
University	\$47,708.38	\$56,874	\$51,905	\$39,642	\$32,441	\$55,605
CALS	\$19,083.35	\$22,749	\$20,762	\$15,857	\$12,976	\$22,242
Other departments	\$1,185.05	\$1,422	\$1,298	\$991	\$811	\$1,390
WRRC	\$11,537.19	\$13,745	\$12,543	\$9,580	\$7,839	\$13,437

**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.

	2017	2018	2019	2020	2021	2022
<b>Students Mentored Through WRRC Programs</b>						
Graduate	19	16	3	16	6	6
Undergraduate	7	4	2	6	4	2
Master's	12	8	2	3	8	4
Ph.D.	9	10	12	13	12	2
Formal class	101	102	131	120	18	18

**Goal 3:** As of July 2021, Arizona Project WET's (APW) administrative home administrative home moved to Cooperative Extension, ending the administrative connection to the WRRC. As such, APW's impact metrics will no longer be reported in this publication.

**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.

<b>Presentations and Outreach</b>						
	2017	2018	2019	2020	2021	2022
WRRC Seminars* and Co-Hosted Events	17	22	16	18	19	25
Annual Conference Registrations	357	333	390	609	1017	779
<b>Number of Presentations (Estimates of audience attendance)**</b>						
Local (Tucson)	21 (630)	32 (960)	21(630)	17	14	11
State (Arizona)	30 (1,800)	7 (420)	20(1200)	5	19	15
National	14 (1,330)	30 (2,850)	12(1140)	10	13	17
International	13 (2,080)	5 (800)	4 (600)	21	12	19
Arroyo***	N/A	N/A	N/A	7030	6754	8793
Weekly Wave	2,198	2,630	2734	2847	3073	3385

\*Formerly called WRRC Brown Bags

\*\*In 2022 the majority of WRRC presentations were held virtually. Presentation attendance statistics are not available for many presentations made.

\*\*\* Arroyo subscription reporting changed in 2020. Metrics from previous years are not available.

**2022 University of Arizona Water Resources Research Center (WRRC) Partnership Metrics**  
 Completed May 18, 2023

Program	Strategic Plan Objective	Mission Focus (%)			Partners/Collaborators/Engagement											
		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 2022 Annual Conference	2,4	20		80	10	3	17	9	3	3	4	1	0	7	0	57
WRRC Seminars and Special Events	4		10	90	7	4	3	7	3	3	0	2	0	11	3	43
WRRC External Advisory Committee	1,4	20		80		1	11	9	3		4	2		2		32
Arroyo	2,4	10	20	70	4		4	3	1			1		6		19
WRRR 104 Program	2,4	40	30	30	3	53										56
Arizona Water Factsheets	1,2,4	10		90	8		1	5	8	5	0	1		1		29
Cobre Valley Ecosystem Services Study	1,4	60		40	3	1	4	7	4	4	2	2	1	1		29
Lincoln Institute Pinal County Project	1,4	70		30	1	2	3	5	8	2	3			1		25
CLIMAS DRPWRC	1,4	70		30	1	1		8	5	4	3					22
Transboundary Aquifer Assessment Program (TAAP)	1,2,4	90		10	3	6		8				4			11	32
Town of Superior	1,4	20		80			3	3	1	2	2	1				12
Santa Cruz Watershed Collaborative	1,4			100	1			4	1	2		3		1		12
ADEQ SWQS Catalog	1,4	50		50	1						1					2
Director's Programs and Activities (not covered elsewhere)	1,2,4	20	20	70	28	7	2	35	2	4	5	16		8	28	135
<b>Totals 2022*</b>					<b>70</b>	<b>78</b>	<b>48</b>	<b>103</b>	<b>39</b>	<b>29</b>	<b>24</b>	<b>33</b>	<b>1</b>	<b>38</b>	<b>42</b>	<b>505</b>
<b>Totals 2021</b>					<b>107</b>	<b>102</b>	<b>70</b>	<b>84</b>	<b>76</b>	<b>29</b>	<b>38</b>	<b>56</b>	<b>208</b>	<b>50</b>	<b>46</b>	<b>866</b>
<b>Totals 2020</b>					<b>95</b>	<b>115</b>	<b>67</b>	<b>75</b>	<b>108</b>	<b>28</b>	<b>41</b>	<b>43</b>	<b>208</b>	<b>16</b>	<b>50</b>	<b>846</b>
<b>Totals 2019</b>					<b>164</b>	<b>115</b>	<b>78</b>	<b>102</b>	<b>123</b>	<b>52</b>	<b>54</b>	<b>45</b>	<b>230</b>	<b>20</b>	<b>52</b>	<b>1035</b>
<b>Totals 2018</b>					<b>82</b>	<b>116</b>	<b>80</b>	<b>130</b>	<b>124</b>	<b>56</b>	<b>59</b>	<b>61</b>	<b>201</b>	<b>17</b>	<b>47</b>	<b>973</b>
<b>Totals 2017</b>					<b>127</b>	<b>109</b>	<b>70</b>	<b>99</b>	<b>104</b>	<b>46</b>	<b>57</b>	<b>64</b>	<b>223</b>	<b>16</b>	<b>35</b>	<b>950</b>

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

- **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.
- **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.
- **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.
- **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.