



Project Overview



COLLEGE OF AGRICULTURE & LIFE SCIENCES
**Soil, Water and
Environmental Science**



Ramirez-Andreotta
Integrated Environmental Science
& Health Risk Laboratory



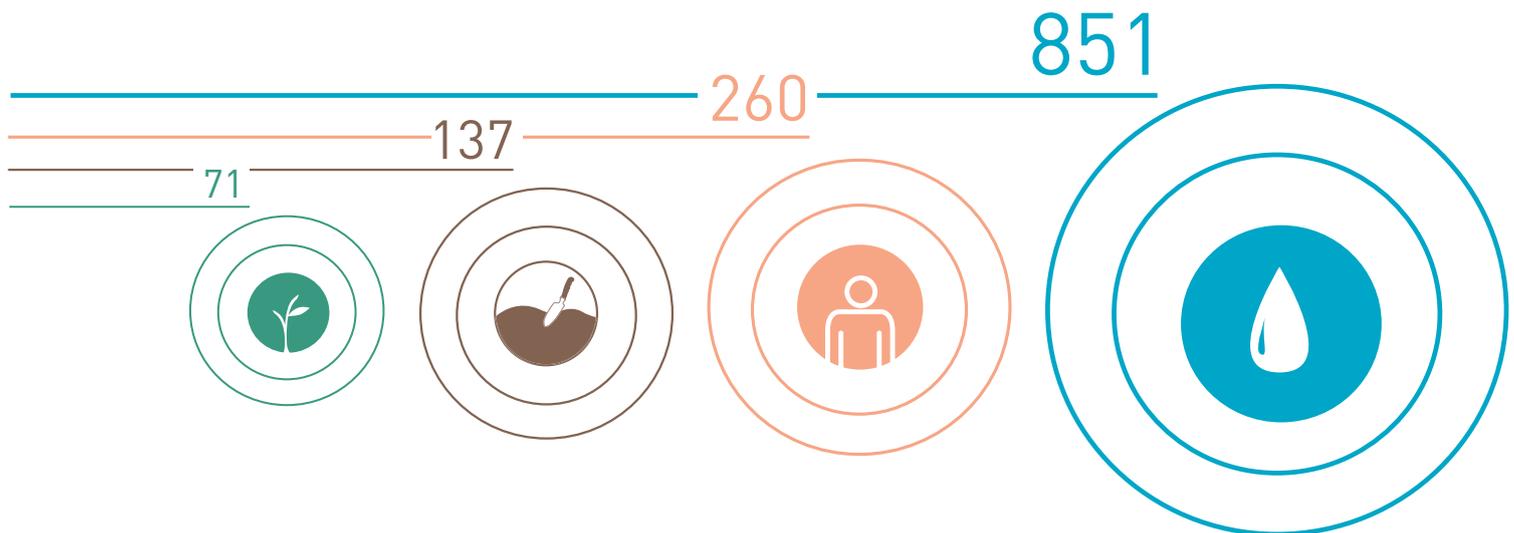
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**COLLEGE OF
PUBLIC HEALTH**

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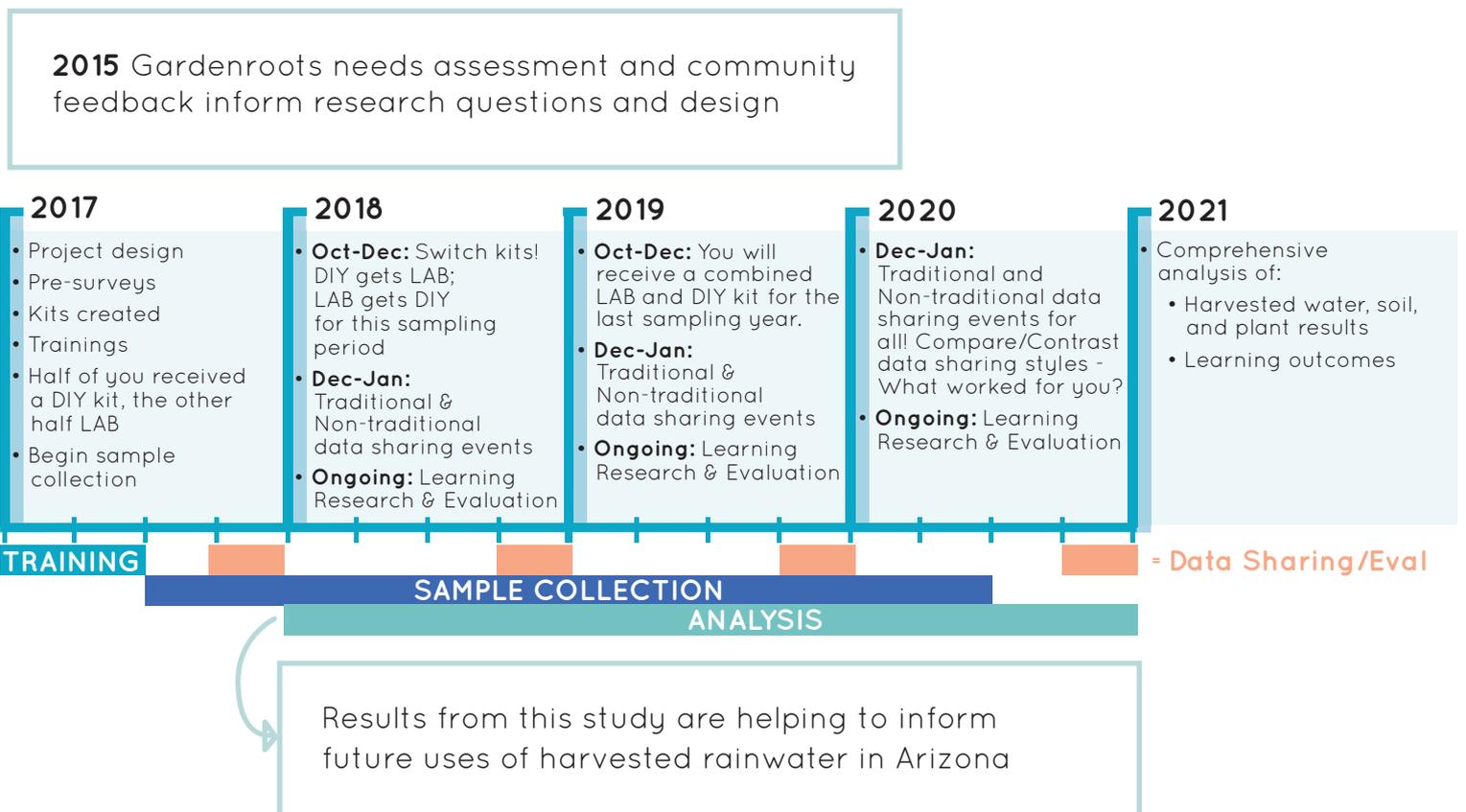
We have successfully completed the 1st year of sampling! We would like to give a special thanks to all 163 of the Arizona Project Harvest participants for their efforts, motivation and patience throughout this research project. Altogether, 260 community members were trained, and 851 water, 137 soil, and 71 plant samples were prepared and analyzed.



Project Harvest was designed in response to your questions:

- “What is the quality of harvested rainwater?”
- “Is it safe to use harvested rainwater for food gardens?”

Project Harvest is a co-created environmental monitoring project that will help us to understand the quality of harvested rainwater and whether using harvested rainwater for irrigation would affect soil and plant quality. Together, we are co-generating a robust environmental monitoring dataset, while informing the safe use of harvested rainwater in communities.



We are asking:

- What is the quality of harvested rainwater?
- Are there contaminants of concern in harvested rainwater?
- Do these pollutants get trapped in soils?
- Do plants accumulate these pollutants?

Equally as important, Project Harvest is doing learning research and trying to understand:

- If and how participation in this type of project enhances a participant's overall environmental health literacy?
- How will the environmental monitoring approach influence the participant's learning and understanding of the scientific method?
- How does data sharing communication style affect a participant's knowledge and efficacy?