

# WATER USE AND BANKING IN THE TUCSON BASIN

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## October workshop: questions & knowledge gaps

- Groundwater credit systems: impacts on present and future water use budget?
- How changes and socioeconomic structure can affect water demand?
- Spatial information on groundwater level in relation to biodiversity hotspots

# Overall research question



Which are main uncertainties and potential impacts of the water banking system on the present and future dynamics of water use and biodiversity in the Tucson Basin?

# Expected results

- Water budget evolution and main socio-economic explaining factors: demography, economic sectors, water price
- GW credits system operation as a water market – an analysis in space and time
- Spatial analysis of wells inventory and biodiversity hotspots