

Exploratory Assessment of Water Management Organizations at the Meso-scale

Andrea Armstrong | Sociology, Douglas Jackson-Smith | Utah State University

Goals

- Analyze how meso-scale water management organizations in the Wasatch Range Metropolitan Area (WRMA) make decisions
- Identify key decision-making processes
- Understand how decisions are influenced by state or federal partners, individual water users, and other meso-scale organizations

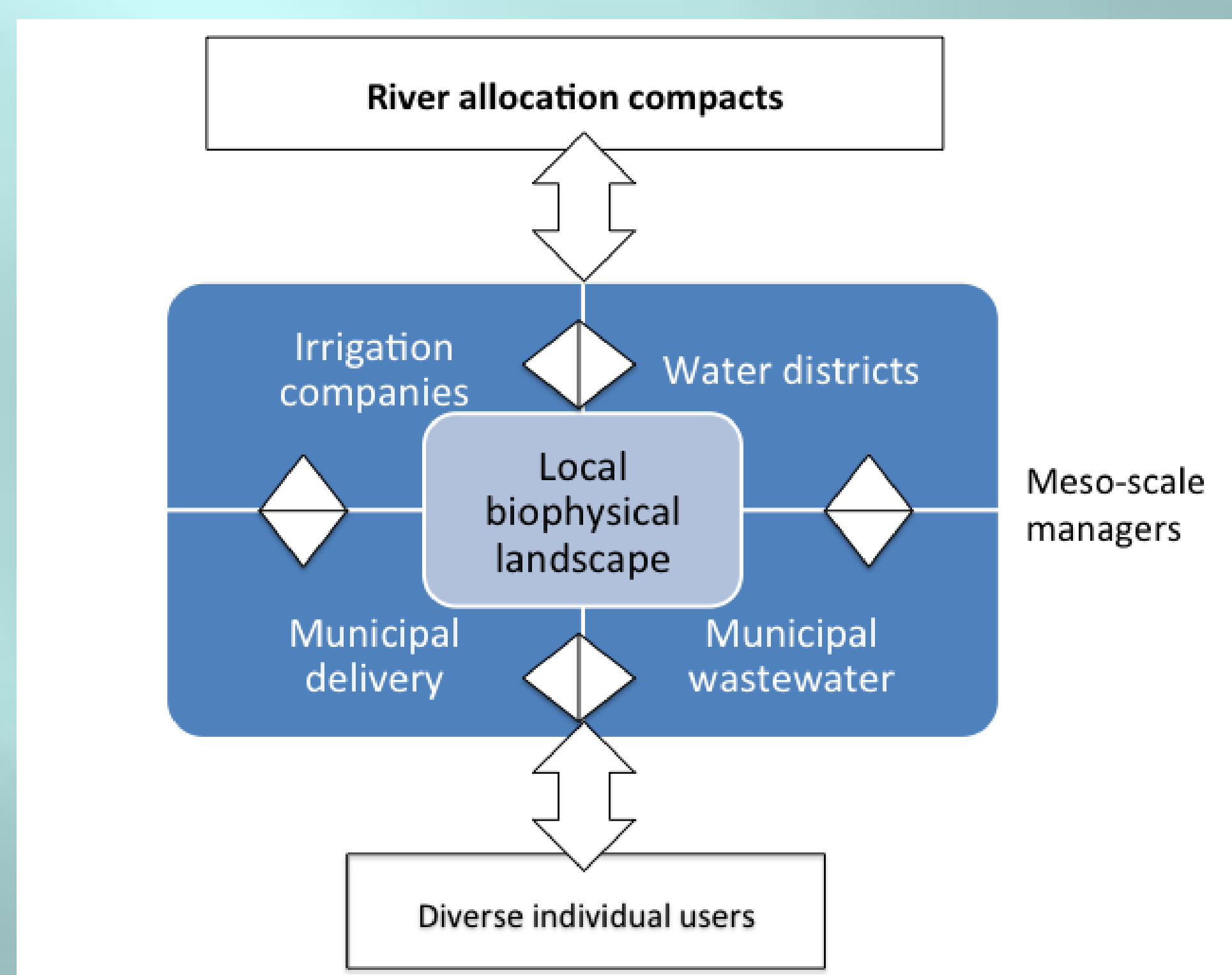


Figure 1. Meso-scale water management organizations in the WRMA.

Research Methodology

- **Literature review** to identify the theoretical and empirical gaps related to meso-scale water organization management in the Intermountain West
- **Semi-structured interviews** to identify decision-making processes
- **Meeting attendance and observation** to understand decision-making structures, processes, and responses changing landscapes and water availability

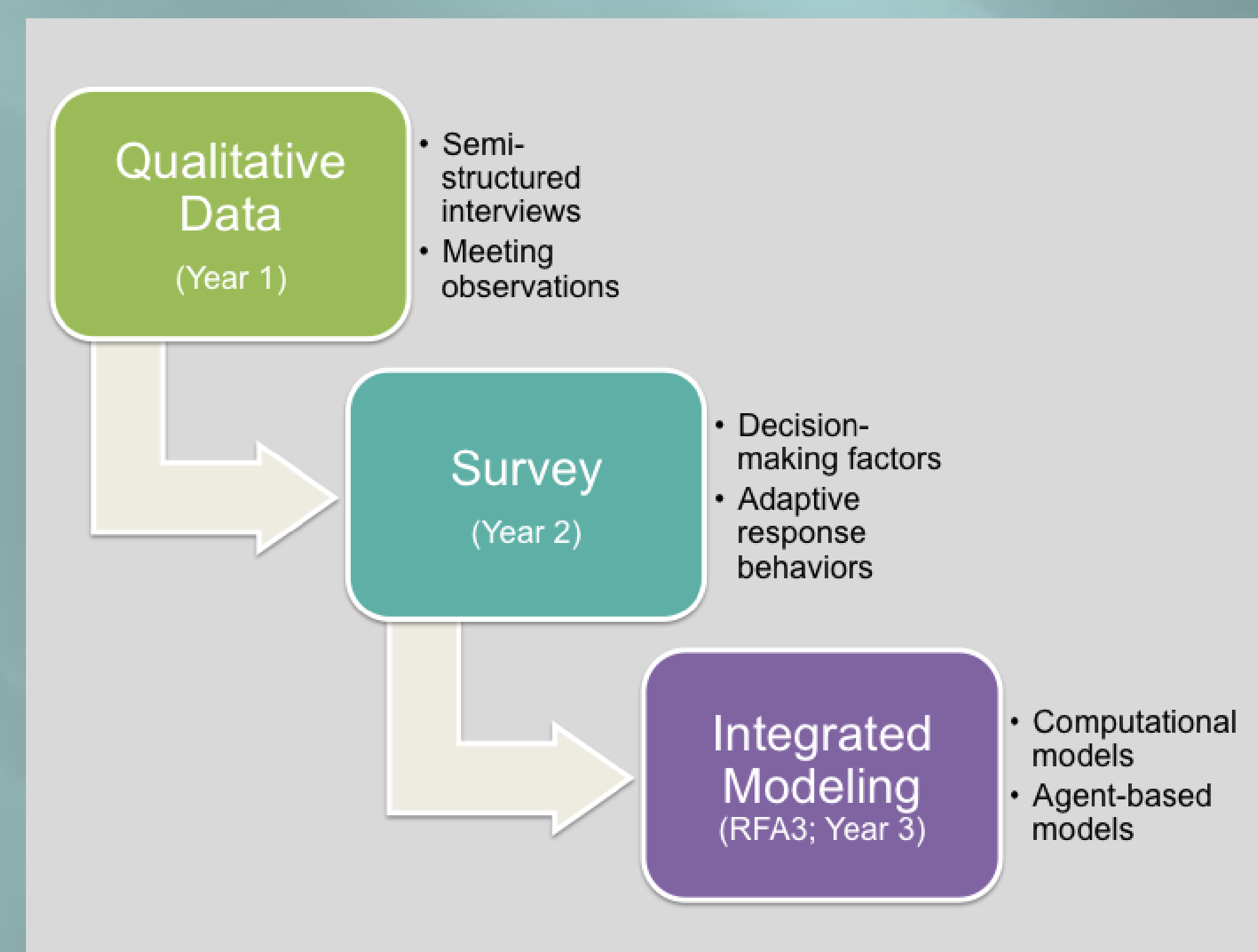


Figure 2. Data collection and integration plan.

Impacts

- Understanding interconnections among meso-scale organizations
- Exploring decision processes about aging or inefficient water infrastructure
- Informing future research models such as agent-based models or integrated behavioral-hydrologic models

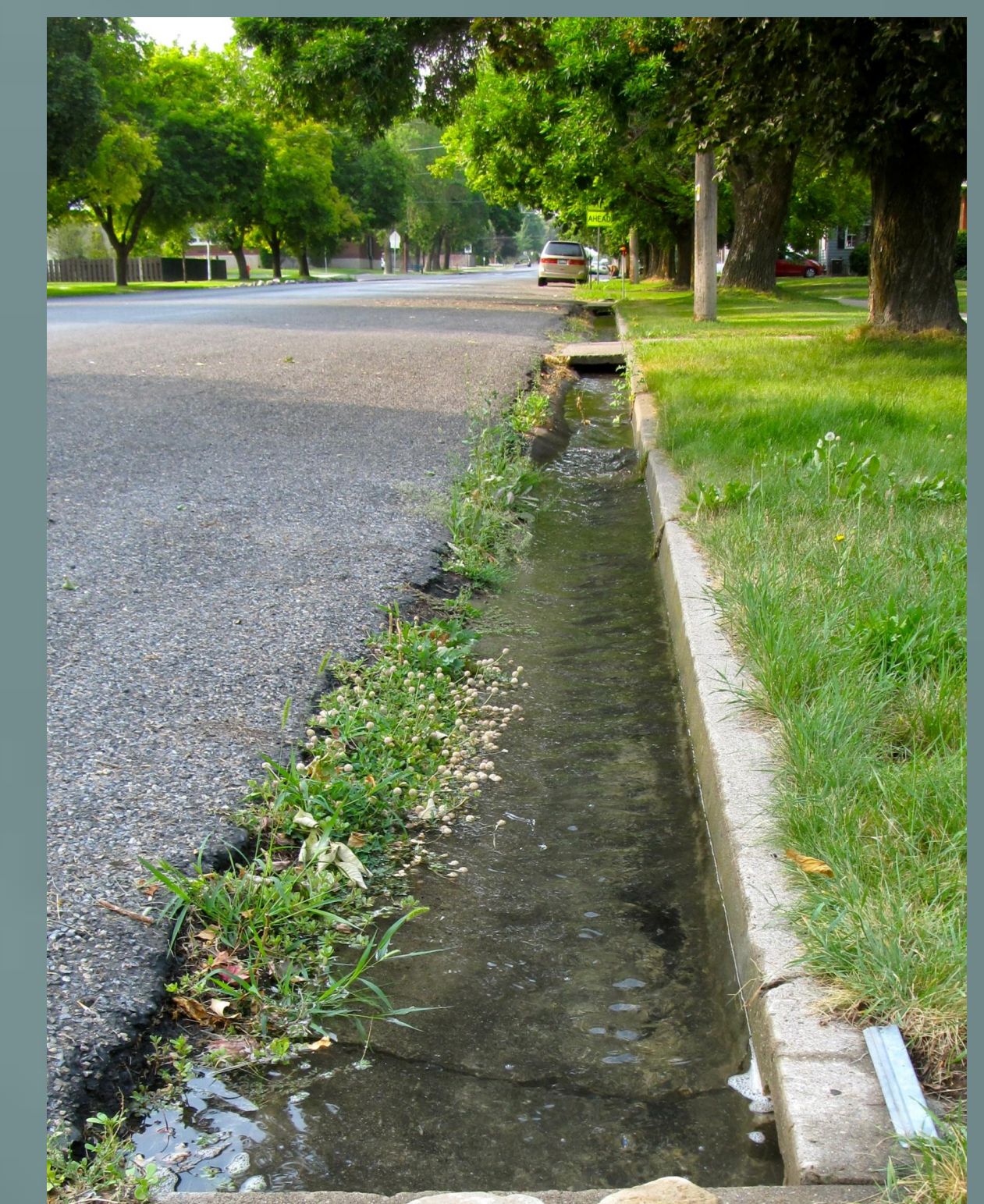


Figure 3. An example of overlapping irrigation and stormwater infrastructure.



armstrong.usu@gmail.com

GRADUATE RESEARCH FELLOWSHIP PROGRAM



<http://iutahepscor.org>

