

### **Interactive Mapping and Engagement for Green Stormwater Infrastructure**

The area of focus for this presentation will be community adaptation and mitigation of climate change through green stormwater infrastructure. Community-based planning can support resiliency in local communities through using green stormwater techniques to address more frequent flooding, increase urban vegetation/biodiversity and create more pedestrian friendly neighborhoods. Using mapping tools that are participatory in nature will allow for increased engagement and success through community buy-in.

The City of Albuquerque contracted Groundwork Studio and Bohannon-Huston to collaborate on a local green stormwater infrastructure planning study in the fall and spring of 2021-2022. The project successfully engaged members of the Pueblo Alto and Mile Hi neighborhoods in Albuquerque through interactive walking tours of their neighborhoods. Through participatory mapping of drainage issues and public meetings, the project team developed a report that included recommendations for the City of Albuquerque for preferred locations of green stormwater interventions to address flooding. Our presentation of the study and project will:

- Explain how digital participatory mapping through the Social Pinpoint platform can be used as an inclusive planning tool to involve the public in planning projects.
- Detail the phases of the Pueblo Alto/Mile Hi planning process, noting successful practices for community-based planning.
- Conduct an interactive activity with the workshop participants to learn how to use a participatory mapping tool.

#### **APA core competencies include:**

2. Research, Technical and Analytical
  - f. Spatial Analysis
3. Communication and Interaction
  - k. Public Participation and Relations
4. Plan Making
  - d. Facilitation and Consensus Building
5. Plan Implementation and Placemaking
  - b. Environmental Management
6. Leadership
  - a. Influencing Decision Making in the Public Interest

#### **Presenters**

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