

Species Resiliency

Issue: Promoting species resiliency as climate change alters local ecology

Strategic Goal	Improve species resiliency along the Santa Fe River Corridor by encouraging the use of green infrastructure and low-impact development (ex. Rain gardens as stormwater management)
Objectives	Enhance the presence of adaptable, climate change resistant native species by implementing rain gardens, while working to limit the establishment of exotic species. Native species should serve to help buffer the river corridor against climate change while providing a diverse selection for local pollinator species.
Tasks	PHASE 1:
	<ul style="list-style-type: none"> · Create a collaboration with rain garden experts with the city and representatives to identify ways the SFRC can help with the development and implementation of rain gardens. <ul style="list-style-type: none"> · Develop task list with rain garden developers to ensure the species resiliency group helps in an efficient manner · Promote introduction of drought tolerant and native flowering species to rain gardens · Work with Watershed Revitalization Committee to identify areas of ideal rain garden locations · Research snow and ice removal protocols to work with city managers in finding alternative de-icers to reduce salts specifically along W. Alameda · Educate community members on importance of rain gardens and native species
Members	Emile Sawyer, Dale Doremus, Zoe Isaacson
Notes	N/A
Reference Material	<ul style="list-style-type: none"> · City and County GIS and Water Consumption Data · Santa Fe County BISON Species of Concern Report · Santa Fe Watershed Association Adaptation Report · Santa Fe Basin Reports and Studies · Santa Fe River Watershed Restoration Action Strategy (WRAS), Paige 2002 · Lower Santa Fe River: A Study in Contrasts, Skowran 2015 · Michigan.gov (Emerging Technologies in Winter Road Maintenance (2006))
Fiscal Impact	TBD

Update:

Zoe and Dale Doremus continue to research viable drought and salt tolerant native species that can provide food sources for local pollinators.

SRG continues seeking non-commissioned committee members

SRG will continue to explore ways to increase community interest and awareness of challenges facing Santa Fe River Corridor,