



# Funding Nature-based Infrastructure

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# Water concerns in Texas



## Water Quality

More than **780 miles** of rivers and streams unsafe for swimming due to stormwater runoff



## Flooding

**1 in 10 Texans** face moderate or high risk from riverine floods

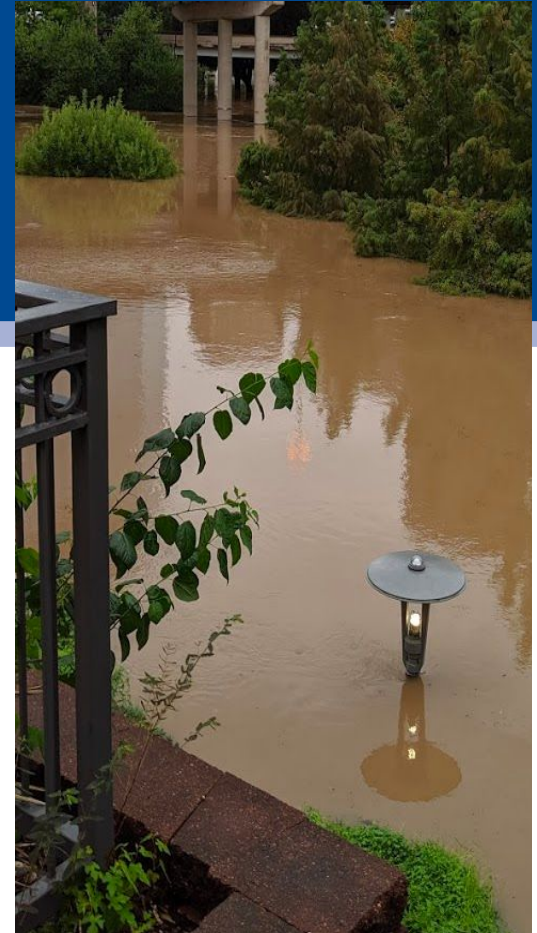


## Drought

The end of the century could be drier than anytime in the **last 1,000 years**

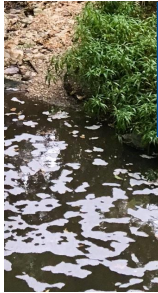
# Protecting our Communities from Flooding

- Flooding occurs when stormwater cannot soak into the ground due to excessive impervious cover
- Nature-based infrastructure is the only water infrastructure tool that efficiently allows for stormwater to soak into the soil





# Benefits of Nature-Based Infrastructure



## Water Quality

Trap 45-99% of solid pollutants



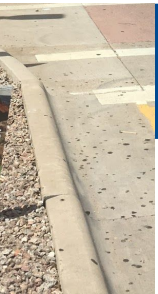
## Flooding

Absorb 50-90% of rainfall



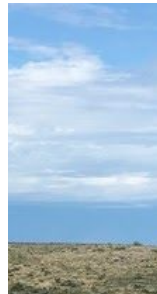
## Drought

Water that soaks in replenishes aquifers



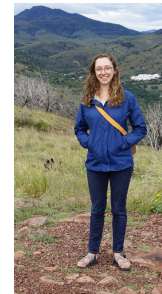
## Urban Heat

Reduce summer temps by 10-15 degrees



## Climate Change

Sequester carbon in leaves and roots

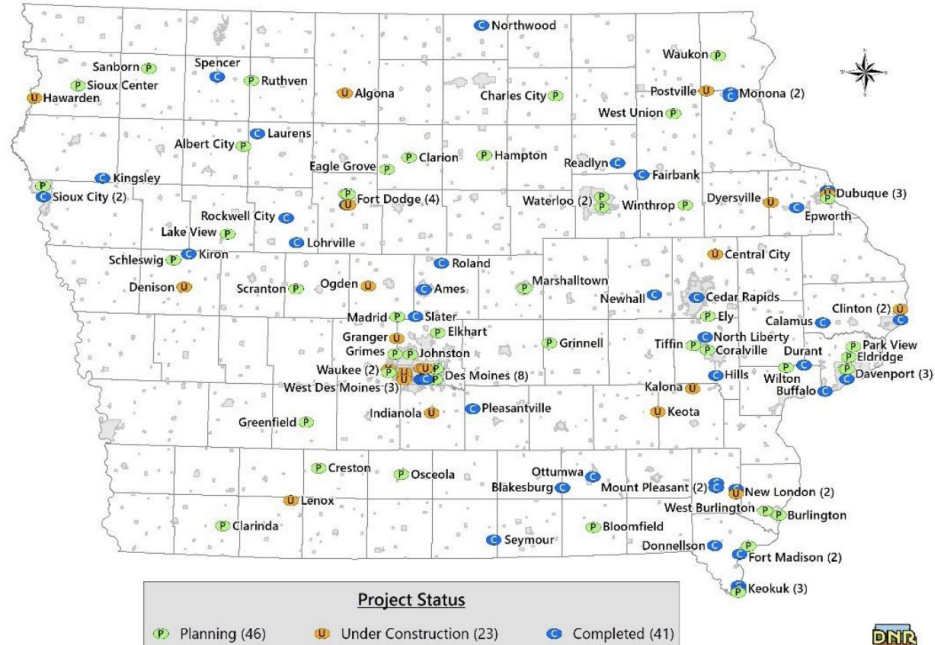


## Mental health

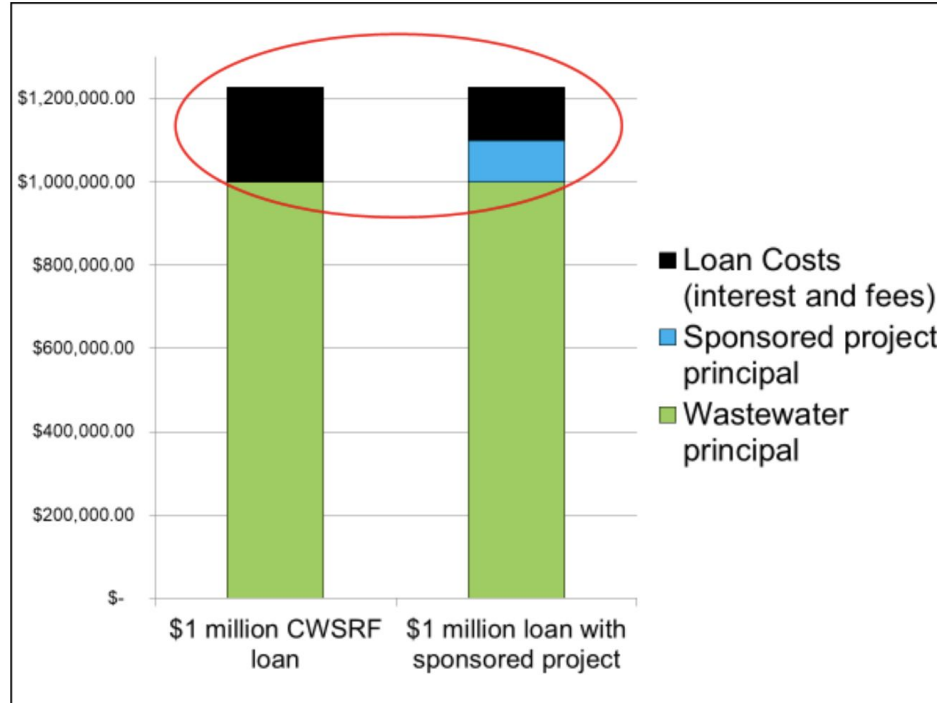
Green spaces reduce stress and anxiety

# Iowa's Sponsored Project Program

## WATER RESOURCE RESTORATION SPONSORED PROJECTS, SFY2020



# Iowa's Sponsored Project Program





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