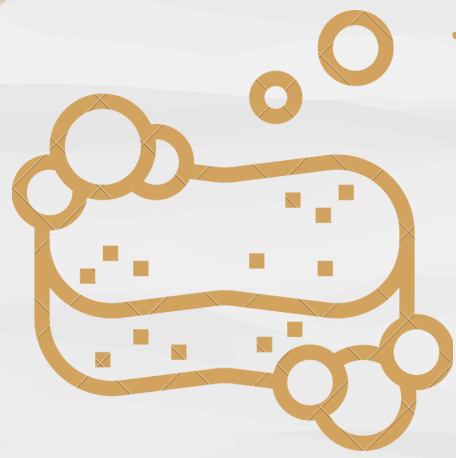# Sponge City

What:

The concept of adding more green infrastructure, meaning more plants and natural absorbents of water, to a city to increase flood resilience and water cleanliness in natural, effective ways.

Steps:

Step 1: Educate
Inform the public on the environmental benefits of a sponge city model introduced in their community

Step 2: Incentives
Incorporate incentives to encourage the community to add green infrastructure to their property

Step 3: Policy
Create and implement policy that requires people to incorporate more green infrastructure in new construction

Step 4: Review
Revise and update policy as new information is discovered and people become more willing to prioritize change

Green Roofs

https://www.urbanscape-architecture.com/do-you-really-know-all-the-benefits-of-green-roofs/

Permeable Sidewalks

https://www.ecohome.net/guides/2226/water-permeable-landscaping-surfaces/

Rain Gardens

https://www.nwf.org/Magazines/National-Wildlife/2015/AugSept/Gardening/Rain-Gardens little bit of body text

Benefits:

- reduces flooding through natural absorption
- decreases runoff rates
- increases biodiversity
- filters and improves water quality