



# STOP DAMAGE BEFORE IT OCCURS!

Climate disruption has caused increased severe heavy precipitation events. Homeowners along the Landsman Kill are intimately aware of the effect of heavy precipitation on flooding risk. It is important to stop damage before it occurs! One severe storm could cost thousands in property damage. Learn more about flood mitigation by scanning our QR code with your phone camera.

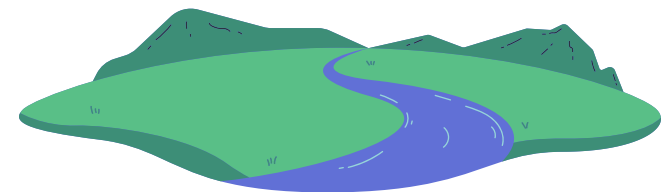


[https://docs.google.com/document/d/1kefdpA2C02jxM\\_PbAF4zMAOPRleir2rnsIW8XXVlaAc/edit?usp=sharing](https://docs.google.com/document/d/1kefdpA2C02jxM_PbAF4zMAOPRleir2rnsIW8XXVlaAc/edit?usp=sharing)

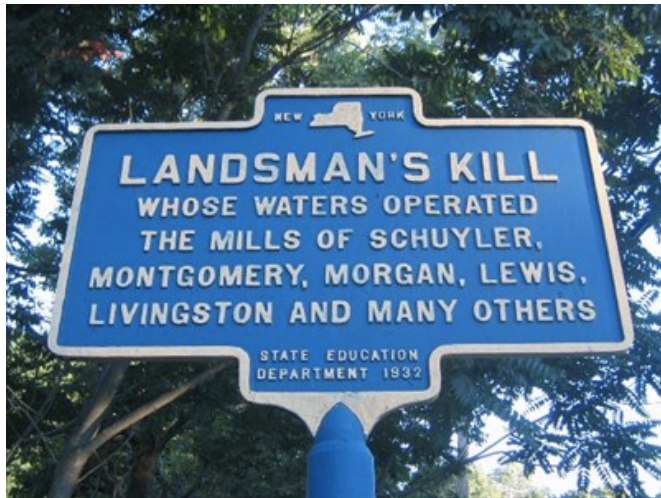
Also check out:  
<https://www.climatesmartrhinebeck.org/marist-collaboration>  
for more information

# HOMEOWNERS GUIDE TO:

# FLOOD PREVENTION ALONG THE LANDSMAN KILL



Produced by Marist College  
Environmental Science  
students in collaboration  
with the Village of Rhinebeck



# PLANT RIPARIAN SPECIES

## IT'S THE EASIEST FIRST STEP!

PLANTING RIPARIAN SPECIES IS THE BEST, CHEAPEST AND EASIEST WAY TO REDUCE FLOODING ON YOUR PROPERTY.

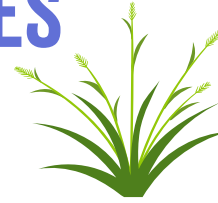


### Benefits of planting:

1. Vegetation absorbs and stores excess water from rain events
2. Erosion control and stream bank stabilization
3. Disrupts and reduces water flow speed and intensity
4. Lessens downstream flooding
5. Plus, there are many ecological benefits!
  - a. natural water filter
  - b. wildlife habitat

# RECOMMENDED FLOOD TOLERANT SPECIES

## GRASSES



- **Freshwater Cordgrass**
- **Side-Oats Grama**
- **American Manna Grass**

## SHRUBS



- **Highbush Blueberry**
- **Smooth Mallow Rose**
- **Common Buttonbush**

## FLOWERS



- **Canada Anemone**
- **Canadian Lily**
- **Common Boneset**
- **Spotted Touch-Me-Not**

## TREES



- **River Birch**
- **Alternate Leaf Dogwood**

# TREES FOR TRIBS

Trees for Tribs is a program run by the NYS DEC, which provides native plant species to be planted in flooding zones to reduce flooding risk.

Anyone who owns property in NY within 50 feet of a waterbody is eligible for **free seedlings**.

Contact them directly by **Friday, April 7th, 2023 at 3:00 pm** to apply for free seedlings!

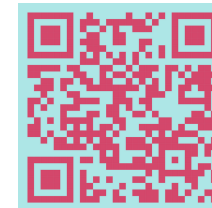
### **Website:**

[https://www.dec.ny.gov/docs/lands\\_forests\\_pdf/tftfactsheet.pdf](https://www.dec.ny.gov/docs/lands_forests_pdf/tftfactsheet.pdf)

**Email:** [TreesForTribbs@dec.ny.gov](mailto:TreesForTribbs@dec.ny.gov)

**Phone:** 518-402-9405

**Village of Rhinebeck  
Trees for Tribs Video**



<https://www.youtube.com/watch?v=EaPD5Fw4h18>

**Apply now!**

