



# RESILIENT FLOOD MITIGATION







Supporting state/local governments and tribes/  
territories in building resilient infrastructure  
and communities through nature-based flood  
mitigation solutions.



# Nature-based solutions

**Solmax is a global leader in developing and manufacturing innovative flood mitigation & erosion protection systems. Our low carbon solutions stabilize the earth and improve the performance of levees, dams, channels and other key infrastructure.**

## Resilient solutions that meet FEMA's nature-based criterion

- Promotes vegetation and helps restore rivers, floodplains, wetlands, living shorelines and soil stabilization.
- First and only manufacturer of High Performance Turf Reinforcement Mat (HPTRM) to have our carbon footprint verified by an independent, third-party organization.
- The carbon footprint of our HPTRM is up to thirty times smaller than traditional solutions such as rock riprap and concrete.
- HPTRMs have been recognized by the Environmental Protection Agency (EPA) as a Best Management Practice (BMP) to improve water quality.
- Reinforced vegetative solutions support living shorelines, whereas rock riprap and concrete can decrease streamside vegetation and adversely impact fish populations.

## Benefits

- Half the installed cost of rock and concrete
- **Tested and approved by the U.S. Army Corps of Engineers (USACE)**
- Made in the USA

## Technical support

Solmax's team of professional engineers offer full service support throughout the design process including site analysis, product selection, design support, construction details, and installation assistance.



## About Solmax

Solmax is a world leader in sustainable construction solutions, for civil and environmental infrastructure. Its pioneering products separate, contain, filter, drain and reinforce essential applications in a more sustainable way – making the world a better place. The company was founded in 1981, and has grown through the acquisition of GSE, TenCate Geosynthetics and Propex. It is now the largest geosynthetics company in the world, empowered by more than 2,000 talented people. Solmax is headquartered in the province of Quebec, Canada, with subsidiaries and operations across the globe.

## Uncompromised quality

Our products are manufactured to strict international quality standards. All our products are tested and verified at our dedicated and comprehensive laboratories which maintain numerous accreditations. We offer our partners a wide scope of testing according to published standards to ensure products delivered to sites meet specified quality requirements.

# Let's build infrastructure better

Solmax is not a design or engineering professional and has not performed any such design services to determine if Solmax's goods comply with any project plans or specifications, or with the application or use of Solmax's goods to any particular system, project, purpose, installation, or specification.

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