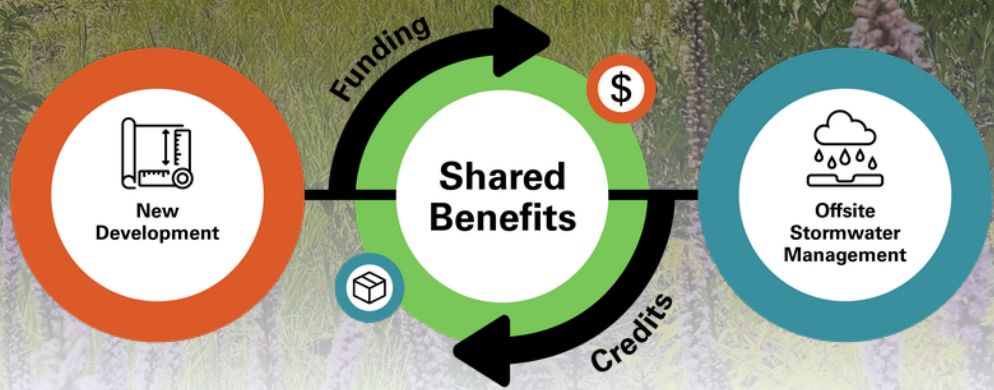


 **StormStore™**



Attract development.
Generate revenue. Reduce flooding.

 **StormStore™**

contact@stormstore.org | stormstore.org

Attract development. Generate revenue. Reduce flooding.

StormStore is a marketplace where developers who are looking to meet stormwater requirements in a cost-effective way can buy credits from landowners selling stormwater credits. Through pro bono consultation, StormStore helps you enter your project into the marketplace and matches you with a buyer or seller.



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Partners



Since 1934, MPC has been dedicated to shaping a more equitable, sustainable and prosperous greater Chicago region. As an independent, nonprofit, nonpartisan organization, MPC serves communities and residents by developing, promoting and implementing solutions for sound regional growth.



The Nature Conservancy is a global environmental nonprofit working to create a world where people and nature can thrive. Founded in the U.S. through grassroots action in 1951, The Nature Conservancy has grown to become one of the most effective and wide-reaching environmental organizations in the world. Thanks to more than a million members and the dedicated efforts of our diverse staff and over 400 scientists, we impact conservation in 76 countries and territories: 37 by direct conservation impact and 39 through partners.



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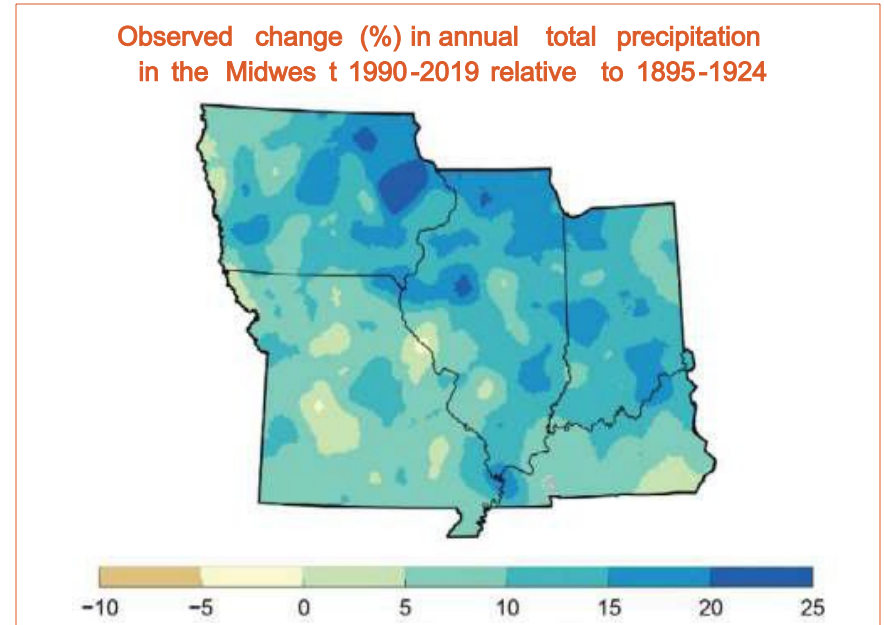
Regional Climate Impacts of Cook County, IL

Chicagoland is **experiencing more frequent and more severe rainfall**

We are seeing **increased urban flooding** of our communities...

resulting in flooded yards and streets, basement backups and seeps, and combined sewer overflow (CSOs)

These events continue to pollute our water resources and **impact quality of life for both people and wildlife**



Source: An Assessment of the Impacts of Climate Change in Illinois, TNC (2021)

Managing Stormwater in Cook County



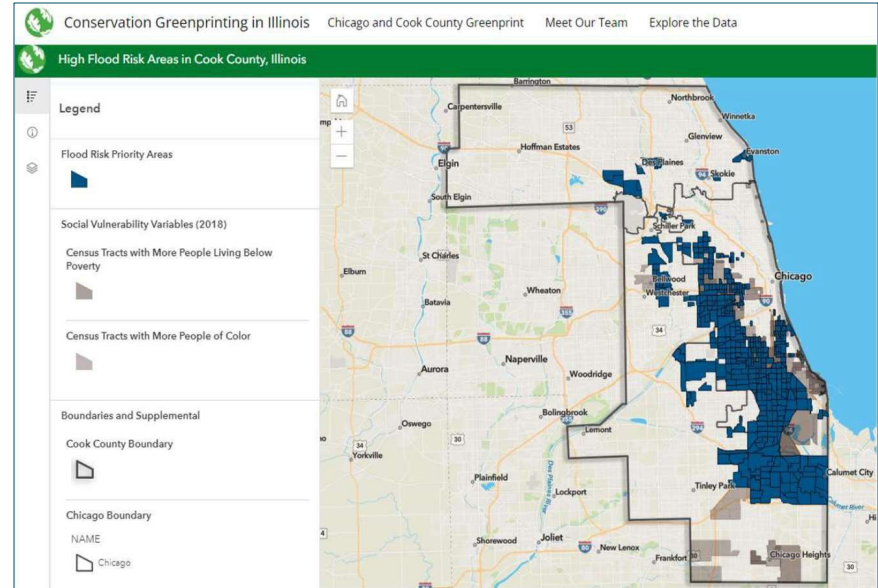
Source: Update on MWRD Stormwater Master Planning Process, MWRD (2020)

Over the last 30 years, **\$3.8 billion** has been invested in regional stormwater and flood control projects to address urban flooding

Estimates show that it will cost another **\$70 billion** to completely solve the problem by upgrading local stormwater infrastructure, even when using a cost-effective, blended grey-green approach

Managing Stormwater in Cook County

- We need **more private sector investment** in stormwater infrastructure
- We these investments to occur in **the most flood -vulnerable areas** of the watershed
- We need investments in both **gray and nature -based solutions**



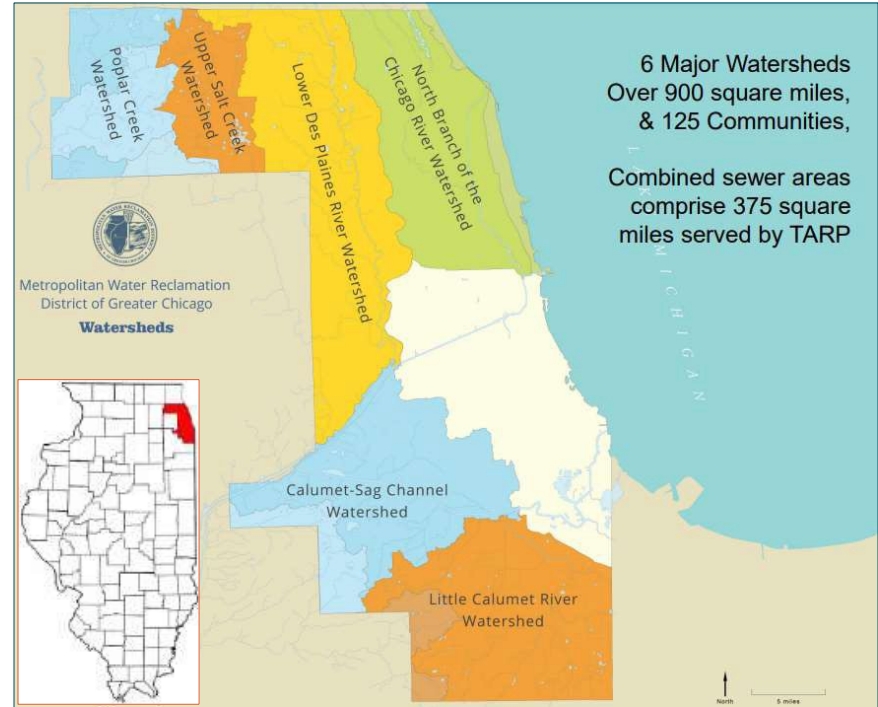
<https://conservation-greenprinting-in-illinois-tnc.hub.arcgis.com/pages/flood-risk-data>

Finding Opportunity in Stormwater Regulation

In 2014, MWRD entered into a Consent Decree with the **USEPA to reduce CSOs and implement a green infrastructure program**

MWRD also updated the Cook County stormwater ordinance, **requiring both onsite retention and detention for any (re)development project over 0.5 acres** in their Watershed Planning Areas

The ordinance allowed for **conditional** use of offsite stormwater facilities to help meet these requirements for projects that had site constraints



The Path to StormStoreA

political and social will that establishes a foundation for collaboration with various stakeholders to inform the design of the program

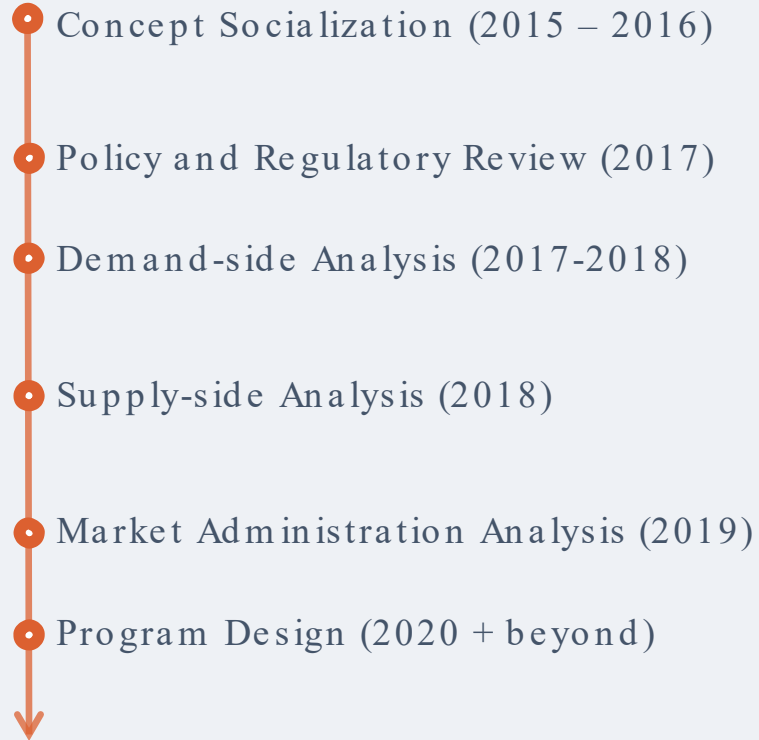
a **stormwater ordinance or policy** that allows for some degree of offsite compliance

sufficient demand from (re)development to ensure that enough projects trigger stormwater management requirements

sufficient supply from properties within the market boundary that have the potential to be developed into stormwater solutions

adequate incentives and clear program design that encourages early and ongoing participation

continuous program improvement that is responsive to market conditions and stakeholder feedback



How can municipalities benefit?

Municipalities may voluntarily build extra capacity to alleviate flooding can generate credits.

When? We recommend considering this alternative during the planning process. This allows your municipality to make informed decisions and decide how much they want to invest into building extra capacity.

Restrictions? Projects funded by MWRD can not generate credits.

\$100,000+ Average expected income
for landowners generating
credits for sale

Benefits of Stormwater Trading

- Optimal Siting of Stormwater Infrastructure
- Encouraging Reuse of marginal land
- Provide Flexibility for infill and transit-oriented-developments (TODs)
- Reducing Compliance Cost of Development
- Non-monetary Benefits of Green Infrastructure

StormStore can ...



Provide **pro bono** consultation to help you navigate the stormwater marketplace.



Help you cut costs and generate revenue through stormwater credit trading with eligible stormwater management projects in your area.



Create an individualized stormwater trading plan for you to share with your team.



Reduce your time to permit and get your project off the ground!

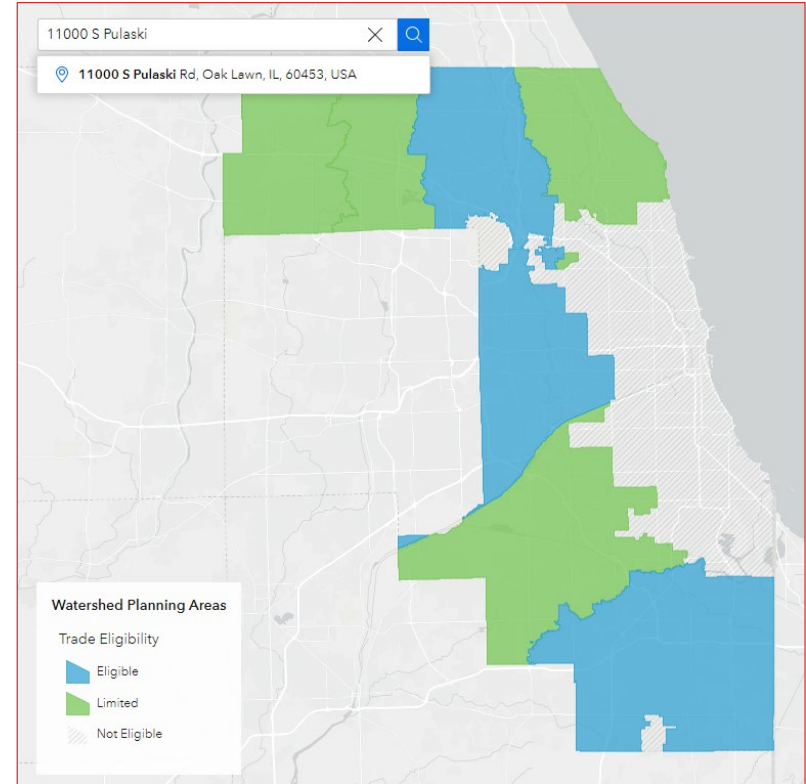
Eligible Areas

Eligible areas. Little Calumet and Lower Des Plaines are the pilot areas that allow landowners in the same watershed to meet their stormwater management requirements offsite.

Limited areas. Landowners may be eligible to purchase credits if the project demonstrates site constraints or limitations

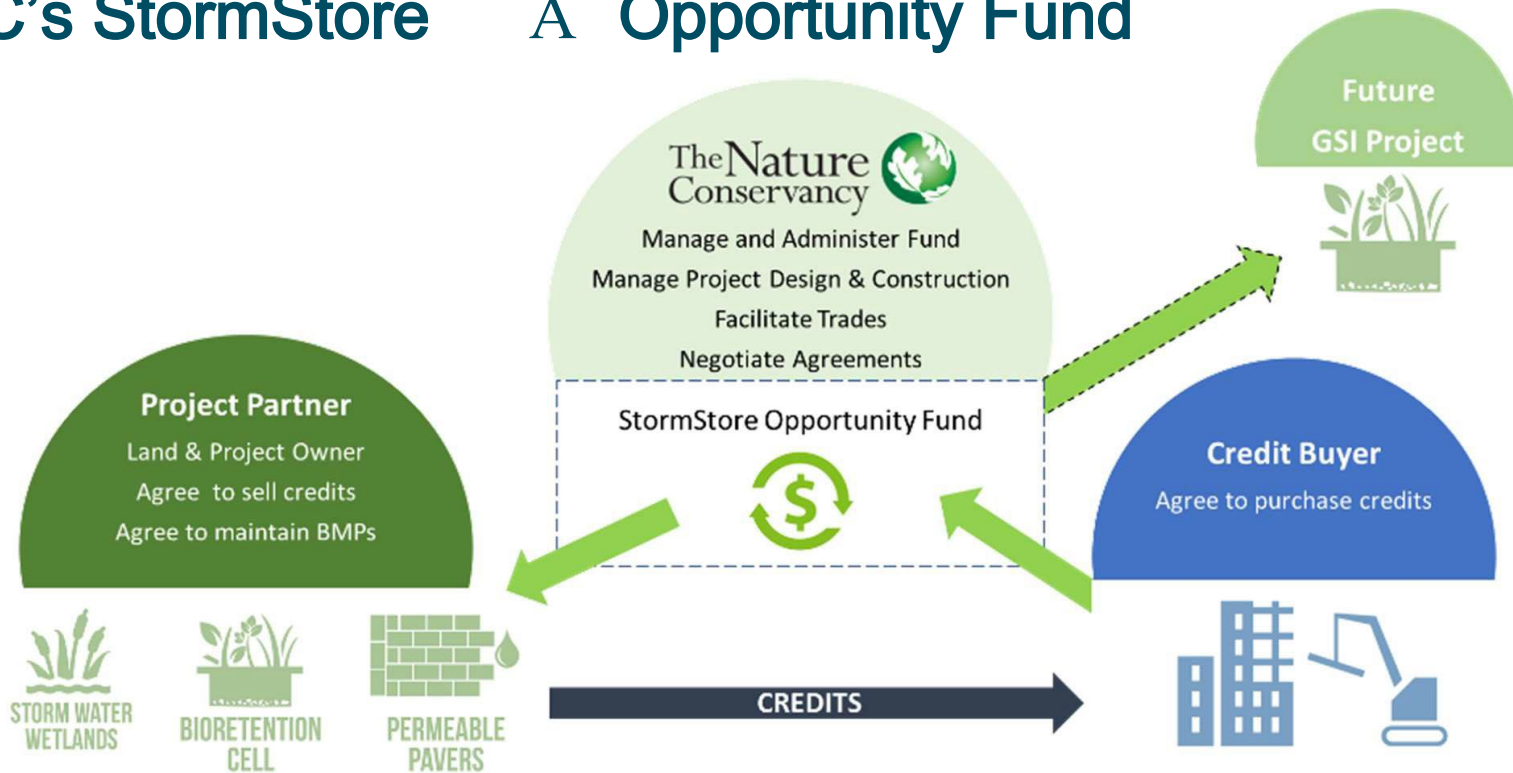
Municipalities can build extra capacity and “bank credits” to use as incentive packages for new developments.

Over 120 Municipalities
eligible to benefit from trading



Catalyzing Supply TNC's StormStore

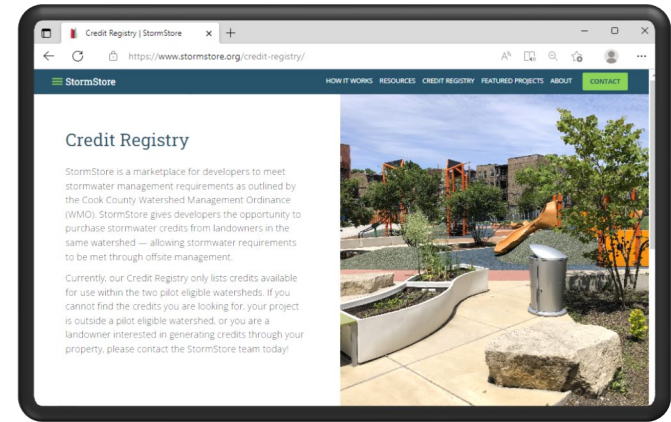
A Opportunity Fund



Credit Registry

StormStore is a marketplace for developers to meet stormwater management requirements as outlined by the Cook County Watershed Management Ordinance (WMO). StormStore gives developers the opportunity to purchase stormwater credits from landowners in the same watershed — allowing stormwater requirements to be met through offsite management.

Currently, our Credit Registry only lists credits available for use within the two pilot eligible watersheds. If you cannot find the credits you are looking for, your project is outside a pilot eligible watershed, or you are a landowner interested in generating credits through your property, please contact the StormStore team today!



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Riverdale

Type of project: Rain Garden

Credits Available

Detention	0.0000 ac-ft
Volume Control	0.0360 ac-ft

Purpose : Identified projects via resident - driven community flood assessment to alleviate local flooding

Purpose-built to generate Stormwater Credits and meet community need



Franklin Park

Type of project : Detention Pond

Credits Available

Detention	2.4000 ac-ft
Volume Control	0.0000 ac-ft

Purpose: Create a revolving fund for future green infrastructure projects that help to reduce heat island effects within community

Turn stormwater into an asset by building and selling credits



River Forest

Type of project : Green Alleys

Credits Available

Detention 0.2547 ac-ft

Volume Control 0.0000 ac-ft

Purpose: Develop a “credit bank” of green stormwater credits to help spur redevelopment within commercial corridors within the community

Alleviate local flooding and upgrade alleyways that serve the community.



Niles

Type of project: Green Street, Permeable Pavers

Credits Available

Detention	0.0000 ac-ft
Volume Control	0.1460 ac-ft

Purpose: Improve space used for community celebration through large -scale flood control and stormwater management investment

An incremental cost increase to build revenue -generating credits





Start your StormStore journey today!



Ryan Wilson

Senior Manager

Metropolitan Planning Council

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