

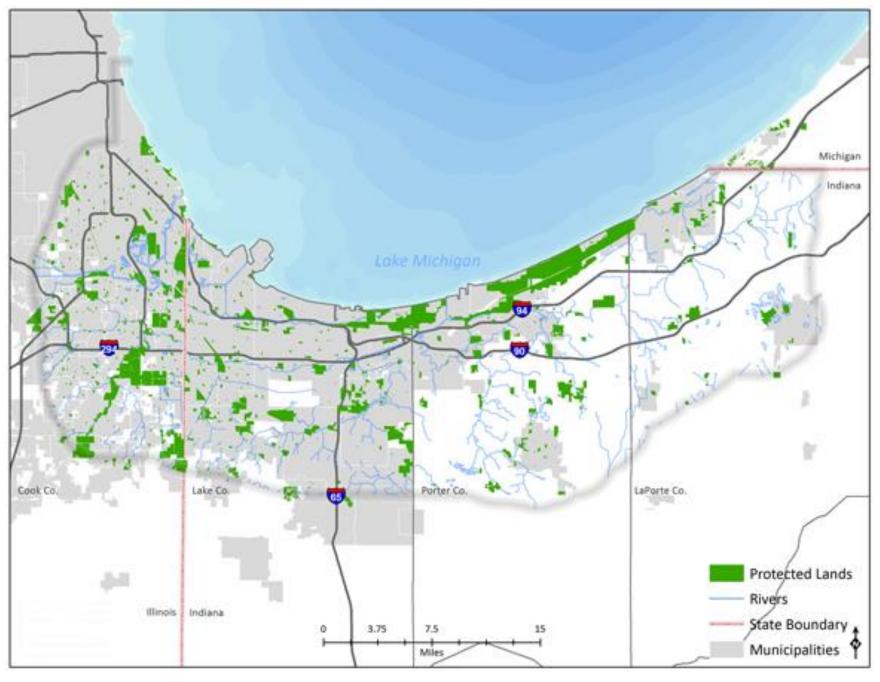
Calumet Stormwater Collaborative August 2, 2019



Advancing a thriving Calumet region through transformative sustainable development



Collaborative
501(c)(3) nonprofit
using sustainable
development to
transform the
region through
collective action



Sustainable Development













THE CHICAGO **COMMUNITY TRUST** AND AFFILIATES























LEGACY FOUNDATION **PETE**



GAYLORD & DOROTHY DONNELLEY FOUNDATION









National Trust for Historic Preservation Save the past. Enrich the future.™

Calumet Heritage Partnership



Culture

Environment







ILLINOIS



































THE CHICAGO **COMMUNITY TRUST** AND AFFILIATES



























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ILLINOIS























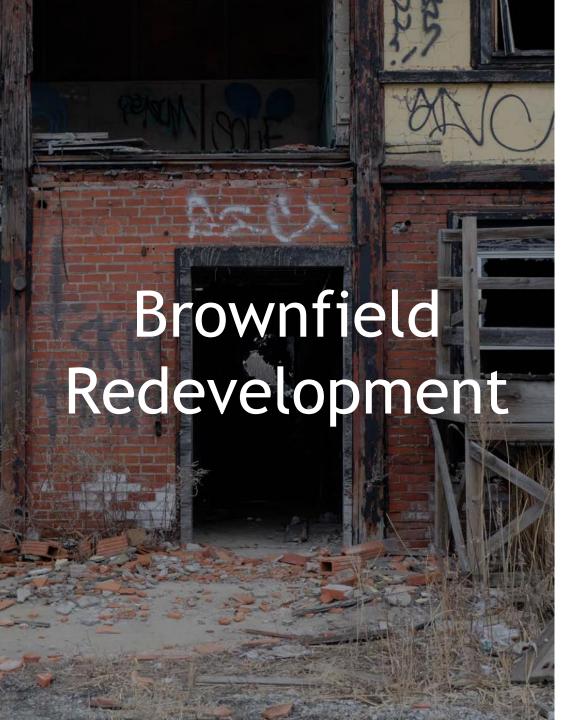




Convene Workgroups Capacity Building Project Management **Facilitate** Advocacy Communicate

Celebrate Success























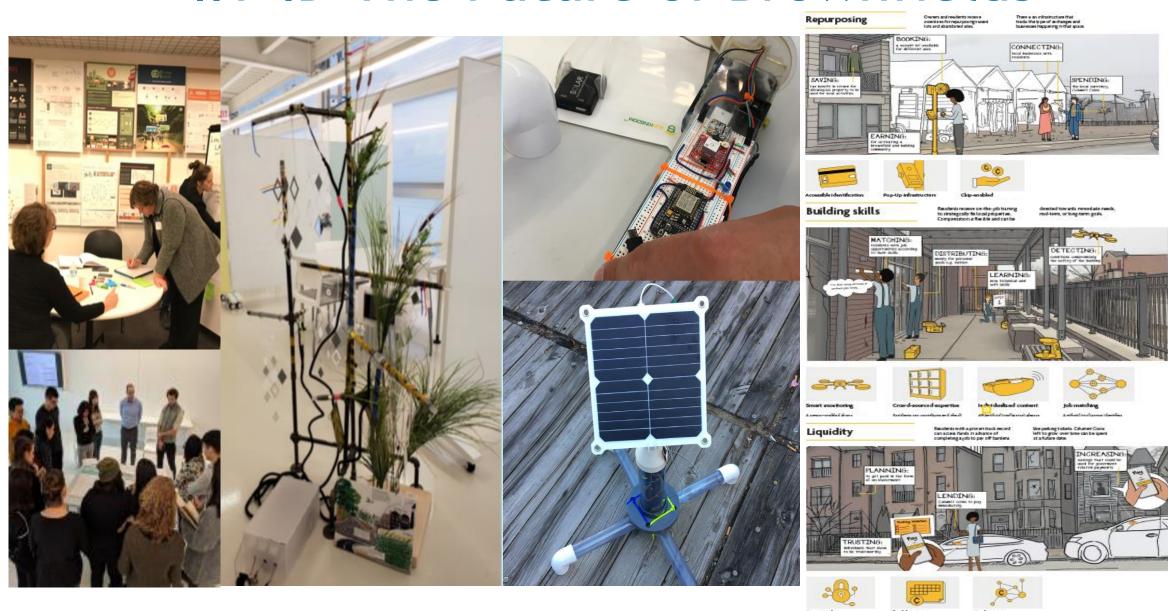








IIT-ID The Future of Brownfields

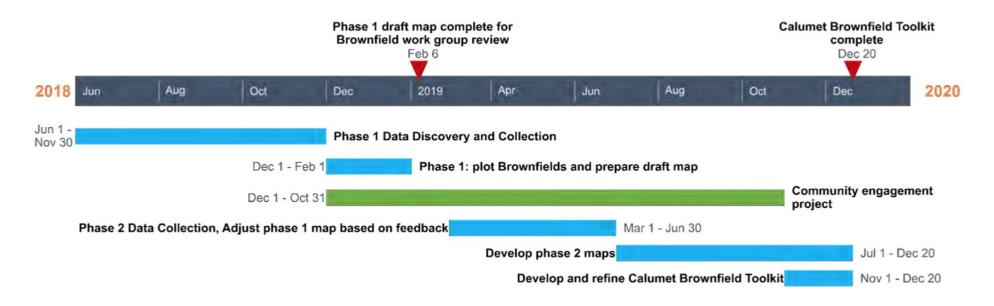


Brownfields Mapping Project

Brownfield Mapping Project

ABOUT THE PROJECT

The Calumet Collaborative is joining forces with Illinois and Indiana organizations to create a GIS (Geographic Information Systems) map of Brownfields and underutilized land in the Calumet region and their environmental condition. This inventory will help organizations align on bistate strategies and projects to advance sustainable Brownfield redevelopment in the Calumet. Community needs will also be incorporated into strategies by incorporating a community engagement advisory panel.



Robbins Capacity & Resilience









GAYLORD & DOROTHY DONNELLEY FOUNDATION









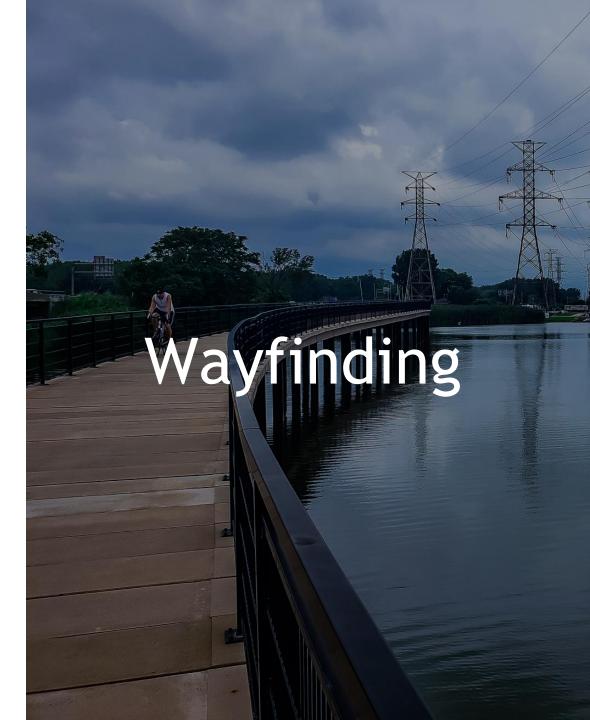












Calumet Heritage Identity & Branding

CALUMET HERITAGE AREA IDENTITY & BRAND

Mood Board 1: VINTAGE INDUSTRIAL

The Calumet has an undeniab The visual aesthetics of indus class grit that the area exemp may diverge from this past, a captures this history can spea KEY WORDS:

CALUMET HERITAGE AREA IDENTITY & BRAND

Mood Board 2: EXPLORATION & ADVENTURE

The Calumet is a place to explorexpect it, and the journey will be aims to capture the world-class region, as well as the sense of di

KEY WORDS:

CALUMET HERITAGE AREA IDENTITY & BRAND food Board 3: BOLD CONTRAST

The Calumet is a place of bold contrast. Pushing this theme further through design tactics can highlight this quality of the region and move the brand in a contemporary, forward-looking, and creative direction.

KEY WORDS:

Juxtapositions Innovative Dramatic Creative

HISTORIC graphics, in the form and memorabilia, are found thro and often have a weathered look





BADGES speak to the sense of ex badges highlight environmental a could feature any number of Calu









MANIPULATED photographs capture contrast and showcase human intervention.









PLAYFUL type treatments in elements with script type and



HAND-DRAWN type highlights individuality and an adventurous







ILLUSTRATIONS highlight more specific elements of a place and work well in groupings.





BOLD TYPOGRAPHY feels both wild and manmade and packs a punch.





HERITAGE AREA



Burnham Multimodal Connector (BMC) Bridge

Burnham Multimodal Connector & Burnham Greenway Gap: Project Overview

Opportunity

A Memorandum of Understanding (MOU) has brought together various partners to collaborate on the planning and implementation of the Burnham Multimodal Connector (BMC), a flyover bridge of numerous rail tracks that will provide safe passage from the Village of Burnham to Hegewisch Metra Station and many various trail systems in Illinois and Indiana.

A New Path Forward

For years a solution has been needed to enhance the safety for crossing a series of railroad tracks in the Village of Burnham. New segments to the Burnham Greenway Trail have been planned to the south (Village of Burnham's Burnham Greenway Project) and north (IDNR Trail Segment) of the proposed BMC project. The BMC MOU presents a meaningful solution and demonstrates how the various Partners involved are working together to plan, build, and advocate for the BMC. Partners include, but are not limited to: Cook County Department of Transportation and Highways serving as project lead, Calumet Collaborative serving as the primary facilitator in outreach and communication, Village of Burnham applying for funding, and NICTD representing the railroad agencies involved. With the help of these Partners and many others, the momentum and framework is in place to bring this project to fruition.

Partners

- · Active Transportation Alliance
- Calumet Collaborative
- · Chicago South Bend and South Shore Railroad
- · City of Chicago Department of Transportation
- Cook County Department of Transportation and Highways
- Metra
- National Park Service
- Northern Indiana Commuter Transportation District (NICTD)
- Openlands
- South Suburban Mayors and Managers Association
- Village of Burnham

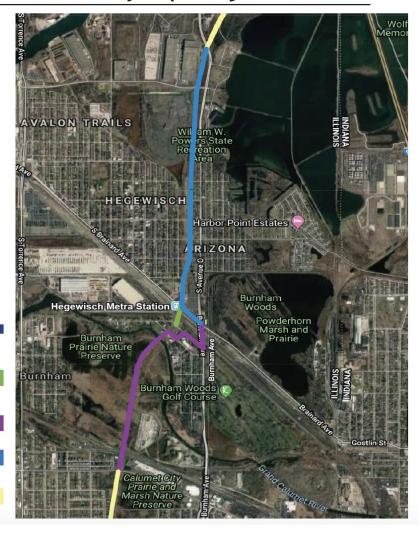
Map Legend

Burhnham Multimodal Connector

Village of Burnham Burnham Greenway Project

IDNR Burnham Greenway Trail

Existing Burnham Greenway



- 3 Municipalities
- 6 Railroads
- 3 Regional Planning Agencies
- 3 Trail Advocacy
 Organizations
- 1 Utility Company
- State & Federal Agencies

Calumet National Heritage Area







Calumet Heritage Partnership









CNHA Coordinating Committee

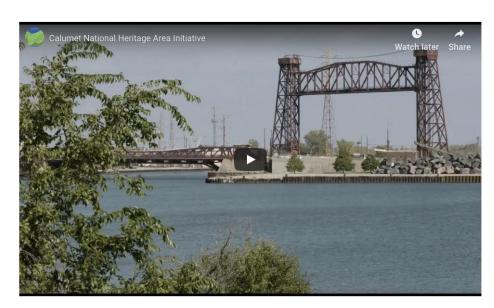
CALUMET HERITAGE AREA









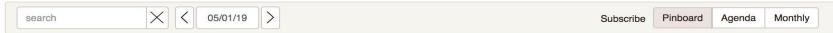








CNHA Coordinating Committee - Calendar



Events from May 1st



Mon 6th May Underbelly Festival

Underbelly fans! It's our 11th year on the South Bank and it's going to be our BIGGEST YET!

Festival





Sat 11th May - Sun 12th

Barnes Children's Literary
Festival

We at BCLF want to get children excited about literature, literacy and creativity whilst giving them the tools

Literary Culture



Tue 21st May 2:00pm

MY GREAT ORCHESTRAL ADVENTURE

Oh no, the conductor of the orchestra is stuck in the future! We need to try and bring him back to the present day!

Culture



Sat 1st Jun 11:00am - 4:00pm

Family Fun Day: all about elements

Get hands-on with science at this season's Family Fun Day! In partnership with the Royal Society of Chemistry we

STEM



Calumet Heritage Area



Calumet Voices, National Stories Exhibit (Reception)

Thu Jun 27th 5:30pm - 7:30pm

Calumet-Heritage • Calumet-Voices-Exhibit-Event/Program • Class/Learning/Speaker • Environmental/Nature • Family-&-Community • Food-&-Drinks • Free-Event/Program • Indoors-Event/Program • Lake-Michigan/Waterways • Museum/Exhibition • Music/Concert • Southeast-Chicago

11141 S Cottage Grove Ave, Chicago, IL 60628 map

The Calumet Heritage Partnership and Field Museum is proud to present the opening of the first "Calumet Voices, National Stories" traveling museum exhibit. Come learn about and



experience the cultural and environmental heritage of the Calumet Region during this exhibits opening night. Guest lecturer, Mark Bowman, of the Field Museum, will give a presentation on the industrial and environmental heritage and memories encapsulated in this region, as well as the development of the Calumet National Heritage Area. An acoustic band will be playing Jazz, Rock and Roll, and Rhythm and Blues. Hors d'oeuvres and drinks will be provided by the Pullman Cafe.



















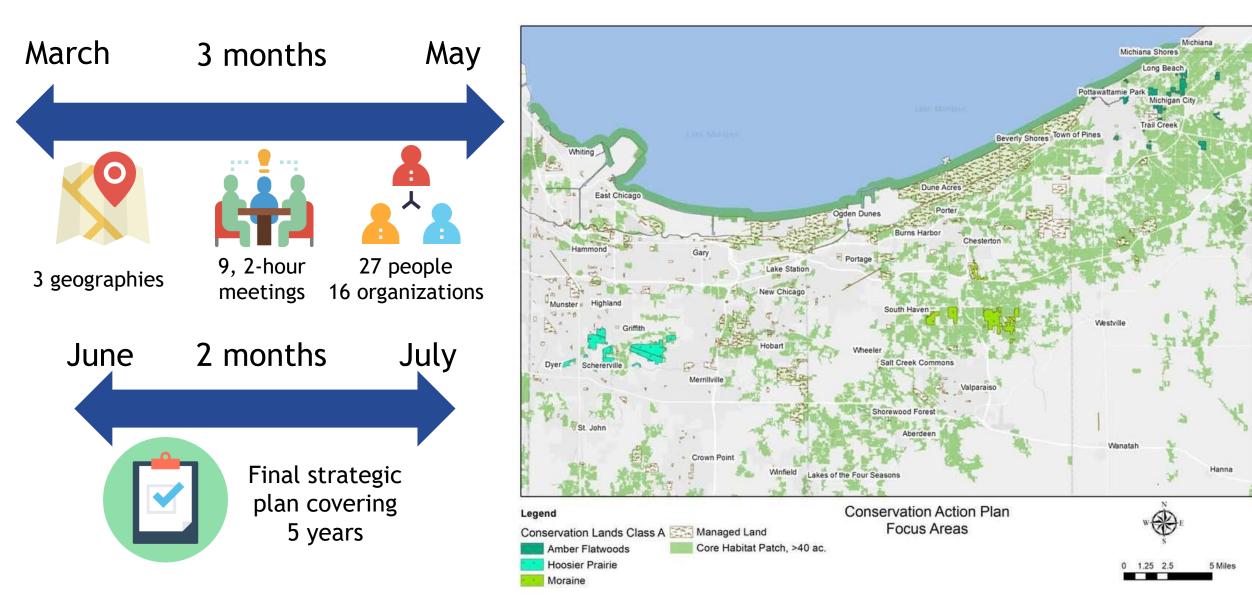








Conservation Action Planning (CAP) Process



Ambler Flatwoods

Conservation Action Plan Factsheet





Conservation Str.

"Conservation Classes," graded according to 1 land managers to strategize conservation pric classes identify opportunities for achieving th include management and restoration (Class A increasing connectivity and buffering for exis Additional strategic tools include policy deve engagement. Collevtively, these strategies are

Conservation Class A: Management and restoration of existing protected lands.

Conservation Class B1: Acquisition of land that adds to existing conservation areas or serves as buffer zones that protect conservation priorities from future development.

Conservation Class B2: Acquisition or other means of land protection that have the capacity to connect nature preserves, recreaction sites and/or trails.

Conservation Class C: Incorporate conservation priorities into municipal planning and increase connectivity by incorporating working lands such as ROWs (Right-of-Ways).

Additional Strategic Tools
Development of policies that protect
natural resources and outreach activities
that cultivate local land stewards.

The Conservation Action Plan for Moraine was preported by CALUMET COLLABORATIVE | THE FIELD MINDIANA DEPARTMENT OF NORTHWEST INDIANA REGION, SAVE THE DUNES | SHIRLE

Hoosier Prairie

Conservation Action Plan Factsheet





Conservation Strategies

"Conservation Classes," graded according to their conservation I land managers to strategize conservation priorities. Utilized her classes identify opportunities for achieving the best conservation include management and restoration (Class A), land acquisition: increasing connectivity and buffering for existing natural areas (strategic tools include policy development and stakeholder eng. Collevtively, these strategies are a guide to conserving Hoosier I

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Wild white indigo a (Photo by River Valley P

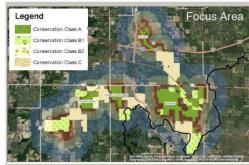


Liatris species nestled in mid-summer. (Photo

The Conservation Action Plan for Hoosier Prairie was prepared collaborat CALUMET COLLABORATIVE | THE FIELD MUSEUM | THE NATI INDIANA DEPARTMENT OF NATURAL RESOUR NORTHWEST INDIANA REGIONAL PLANNING COM

Moraine

Conservation Action Plan Factsheet



Conservation Strategies

"Conservation Classes," graded according to their conservation potential, enable land managers to strategize conservation priorities. Utilized here, these rated classes identify opportunities for achieving the best conservation outcomes. They include management and restoration (Class A), land acquisitions (Class B) and increasing connectivity and buffering for existing natural areas (Class C). Additional strategic tools include policy development and stakeholder engagement. Collevtively, these strategies are a guide to conserving Moraine.

Conservation Class A: Management and restoration of existing protected lands.

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The Conservation Action Plan for Moraine was prepared collaboratively by:

MET COLLABORATIVE | THE FIELD MUSEUM | THE NATURE CONSERVANC INDIANA DEPARTMENT OF NATURAL RESOURCES NORTHWEST INDIANA REGIONAL PLANNING COMMISSION SAVE THE DI INDEX I SHIPLEY HEINZE LAND TO LIST



Site Significance

The Moraine/Sunset Hill Complex (i.e. Moraine) covers approximately 1600 acres in north-central Porter County, Indiana. Habitat types such as upland forest, fens, streams and ponds occur here. These habitats protect rare species of birds and amphibians in addition to hosting diverse plant life. Moraine also serves as a wildlife connectivity corridor from the Kankakee River to Lake Michigan.

Conservation Targets

Conservation targets for Moraine include mesic upland forest, dry-mesic upland forest, fen, natural ponds, and sufficient forest habitat for breeding birds and wetland habitats for breeding amphibians. These targets have high potential for conserving diverse ecosystems and the species they support across the landscape.

Conservation Threats

There are several threats to conservation in Moraine. They include development, altered hydrology, water pollution, invasive species, herbivory from uncontrolled populations of deer and climate change.

Conservation Partners

The Moraine/Sunset Hill Complex is managed by several conservation partners including the Department of Natural Resources (DNR)-Division of Natural Resources (DNR)-Division of Nature Preserves, Shirley Heinze Land Trust, Porter County Parks Department, Coffee Creek Watershed Conservancy, NIPSCO and private land owners among others. The conservation action plan that accompanies this factsheet will enable partners to identify strategic priorities and implement conservation action.

Funding provided by:
INDIANA
LAKE MICHIGAN
COASTAL PROGRAM



Final report on calumetcollaborative.org

Conservation Survey

Not enough staff / capacity was ranked #1 challenge for conservation work

role staff priority Funding

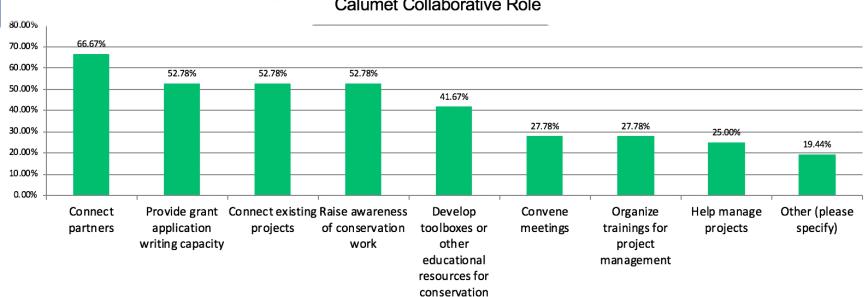
69% identified more funding would organizations Worktime help overcome conservation

Lack partners resources start land

challenges

45% want a stronger network of support projects partners that can help identify resources, and lend support and guidance

Calumet Collaborative Role



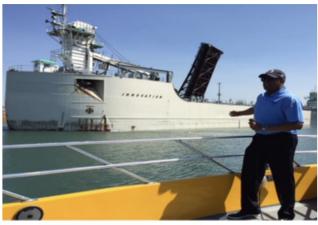
Illinois International Port District

Please join the Illinois International Port District for the first annual State of the Port



The Illinois International Port District's First State of the Port Address

8/29/2018 0 Comments



Clayton K. Harris III, Director of the Illinois International Port District, in front of the boat "Innovation"

On August 23rd, Clayton K. Harris III, Director of the Illinois International Port District, presented the first State of the Port address. The Illinois International Port District hosted this meeting as part of an effort to engage the public with what's currently going on at the Port, and visions for the future.

After all, there is a "difference between being IN the community and being PART of the community", a sentiment driven home by Mr. Harris, and this public meeting was just one example of how the Port District supports the community and will continue to do so moving forward.

Metrics - How Do We Measure & Report



Metrics - Alignment

Economic Opportunity & Brownfield Redevelopment										
Related SDGs	Related SDG Target	SDG Indicators / Possible Metrics								
8 - Decent work and economic growth	By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	Unemployment and Average hourly earnings of female and male employees, by occupation, age and persons with disabilities								
Promote sustained, inclusive and	Related STAR Communities Actions	Related STAR Communities Measures								
sustainable economic growth, full and productive employment and	Engage in regional coordination with other governmental, public, private, and non-governmental entities to attract and retain businesses in the region	EJ1O2: Employment: Demonstrate the percentage change between the jurisdiction's employment rate and the national rate is 10% or better								
decent work for all	Participate in and promote project labor agreements, community benefit agreements and local hiring agreements	EJ103: Equitable Employment: Demonstrate the percentages of employed are proportional to the population in the labor force for each racial/ethnic group								
	Related SDG Target	SDG Indicators / Possible Metrics								
9 - Industry, innovation and infrastructure	By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities	CO2 emission per unit of value added								
	Related STAR Communities Actions	Related STAR Communities Measures								
Build resilient infrastructure, promote inclusive and sustainable	Conduct an assessment or inventory of the community's working lands	NS6O1: Protection (Working Land): Demonstrate an increase in the acreage of working lands in the jurisdiction								
industrialization and foster innovation	Provide support services or programs for future operators and owners of working lands	NS602: Production (Working Land) Demonstrate an increase over the past 3 years in the production of goods from local working lands								
	Include evaluation of green infrastructure potential during early site reviews of proposed developments and subdivisions	NS101: Green Stormwater Infrastructure: Demonstrate that 35% of the jurisdiction's land area has designated green stormwater infrastructure providing bioretention and infiltration services								











Metrics - Alignment

ONTO 2050

3 principles

- Inclusive Growth
- Resilience
- Prioritized Investment

NWI 2050 Focus Areas



Economy + Place



Environment



Mobility



People & Leaders

Indicators in 6 categories (82 page guide): Community, Prosperity, Environment, Governance, Mobility and Inclusive Growth

Greenest Region Compact

GRC2

Framework's 10 categories:

- Climate
- Economic Development
- Energy
- Land Use
- Leadership
- Mobility
- Municipal Operations
- Sustainable Communities
- Water
- Waste & Recycling



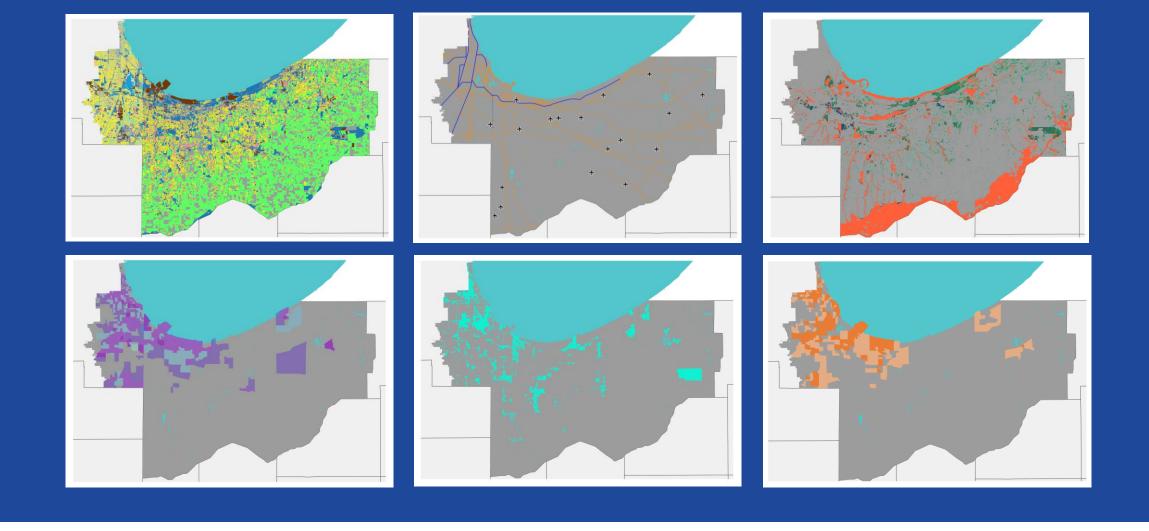
Greenest

Compact

Region

Metrics - How Do We Measure & Report

			Pro	ject Dashboard: Brownfield Redevelopment				
Strategic Initiative: Explore and align bi-state Brownfield Redevelopment Strategies							April 2019	Calumet
						COLLABORATIVE		
Project Description Align on sustainable bi-state redevelopment strateg		lopment str	rategies for Brownfields and underutilized land.		On Track	/ Exceeding Goa	Needs Attention	
		-	t land and community assets, utilize productive reuse examples, identify opportunities for		Pending		√ Finished	
Objectives action, while engaging multiple stakeholde					Key Contacts outside of Calumet Collaborative			
Funding & Staff Funding \$15,000 available of \$50,0			Sarah Coulter (15% Allocation)		UIC Voorhees		anogueira@id.iit.edu	
		Source Chicago Community Trust Future of Brownfields Project Reports	Allocation	Ashley Hodges (25% Allocation) Brownfield Project Packet	Jessica Kursman	UIC Voorhees MWRD	312.413.0215	kursman2@uic.edu scapardineb@mwrd.org
		The Future of Brownheids Project Reports		Brownierd Project Packet	Barb Scaperdine John Watson	MWRD	312.751.5938	WatsonJ@mwrd.org
	d Metrics /	Acres in productive or value added to	use from pr	evious brownfields	Jose Alarcon	SSMMA	708.922.4673	Jose.Alarcon@ssmma.org
KPIs	i Wetrics /	Number of jobs, from previous brownfield acreage that has been put back to productive use			Nick Zettel	UIC Voorhees		
KFIS		Reduction in residential blight - deci	rease in vac	ancy rate	Margaret Renas	Delta Institute	312.554.0900	mrenas@delta-institute.org
				Status on Projects				
Dates	Projects Status		Status	Progress	Next Steps and/or Immediate Needs			
Now - Q2 2019	5		•	The ACT Calumet workshop allows students to create prototypes that explore using digital technology to empower local residents to reactivate abandoned properties. IIT ID Received funding from Kresge Foundation to pilot the FLAG Calumet installation kit which connects youth to nature and science using an art installation in parks that measures environmental data.	Convened partners to participate in an Act Calumet forum on April 10, which gave feedback on student prototypes - that feedback was incorporated through a workshop during the following week. Final class where all prototypes will be presented is on May 9th.			
Now - Q4 2019 Calumet Brownfield Mapping (UIC, MWRD, NIRPC, SSMMA, Delta Institute, Cook County)		•	UIC developed a methodology for Brownfield mapping which starts with creating a base map of key assets and brownfields before adding social and economic information. Contracted a masters student at UIC to help with the more technical mapping components of this project. Brownfield Work Group met on April 22nd to discuss the exact definition of Brownfields and how underutilized sites will appear on the Brownfield Map. A phased approach to mapping 5 types of underutilized sites will be used.	The work group is prioritizing 3 types of Underutilized Sites for Phase 1 of Brownfield Mapping: EPA Brownfields, Abandoned Industrial Sites, and Closed Landfills / Dumps. Further research is being done to come to agreement on how these 3 types of underutilized sites will appear on the map. All other aspects of the base map (water, transportation, zoning, land use) is near complete.				
Now - Q3 2019			1	Signed contract to bring Delta Institute on using \$15,500 of the available \$30,000 CCT Brownfield funds. Delta will work on building a community engagement model that will incorporate community feedback into Brownfield redevelopment strategies.	Discovery and phase 1 of Community Engagement project are complete and being reviewed before moving onto Phase 2, which starts to build out community engagement advisory panels that are par of the larger community engagement model.			
April - June 2019	Bootcamp		1	Calumet Collaborative is an organizational partner for Brownfieldlistings.com BOZ Bootcamp on June 19th, and is specifically coordinating the Site Pitch Competition, where site owners will have the chance to pitch sites in an opportunity zone to judges and win a prize and potential connections for further investment and development.	The pitch competition parameters have been agreed upon. Next steps are to create digital collateral to promote the pitch competition and sign ups.			
(likely Q4	Q4 others working with economic development in		*	This project will start after the Brownfield Map has been created and the community engagement project is complete, as they will both be key resources in creating educational resources or toolkits.				
		Load Danta and		Brownfield Work Group				
Lead Partners The Chicago Community Trust Brownfieldlistings.com Cook County Environment and Sustainability Delta Institute Illinois Institute of Technology (IIT) Institute of Design (ID) Metropolitan Water Reclamation District (MWRD) Northwest Indiana Regional Planning Commission (NIRPC) South Suburban Mayors and Managers Association (SSMMA) University of Illinois Chicago (UIC)				Black Metropolis Heritage Commission Center for Neighborhood Technology Chicago Metropolitan Agency for Planning (CMAP) Chicago Nelghborhood Initiatives City of Gary Congressman Visclosky Cook County Bureau of Economic Development Illinois International Port District (IIPD)	Indiana Regional Development Authority Metropolitan Planning Council Neighborhhood Housing Services NWI Forum OAI, Inc. US Forest Service			



Brownfield Mapping Project

Project Mission, Output & Methodology

Put underutilized sites back into productive reuse Output Map of underutilized sites in the Calumet region with additional layers of assets, opportunities, and barriers that inform decision making for putting sites back into productive reuse The Calumet Collaborative Brownfield Working Group will determine what information is put on the map and how it is displayed, ensuring the map resonates with various audiences. Once base information is on the map, the Calumet Collaborative Brownfield Working group will determine what to work on

Step 1.

Establish clean base maps that include land use, zoning, transportation, brownfields, and water features



Step 2. Add data that outlines environmental, economic, civic, and social infrastructure



Step 3.

Demonstrate social, and environmental relationships that exist at the parcel and regional level



Calumet
Collaborative
may use to
evaluate
opportunities
and challenges
in the Region

Map Use: How, What, Who

How

- Long-term land use and planning strategies
- A launch point to determine:
 - What to work on to put underutilized sites back into productive reuse
 - Best future use of a site

What

- Shows sites that are contaminated or have perceived contamination (Stage 1 Sites)
- Base map layers to aid in decision making
- Data dictionary distributed

Who

- Current Audience:

 Calumet Collaborative
 Brownfield Working Group
 Advisory Council
- Future Audiences (requires funding):
 - Economic Development organizations
 - Community
 Organizations / Public
 - Environmental Organizations / conservation
 - Developers

Over a Year of Collaborative Work





Metropolitan Water Reclamation District of Greater Chicago

























Brownfield Working Group

Small Group Meetings

One-on-one Calls / Meetings

Trainings & New Software (QGIS)

Data Collection and Analysis



Uniform data between Illinois & Indiana

Brownfield Definition

Start with the EPA Definition and further define

A brownfield is a property where the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant

Stage 1

Map underutilized sites where information is more readily available and easier to manage, and that potentially pose greater health risks the community

- 1. US EPA or State Brownfields
- 2. Closed & Active Landfill, C&D Landfill
- 3. Abandoned Industrial Sites

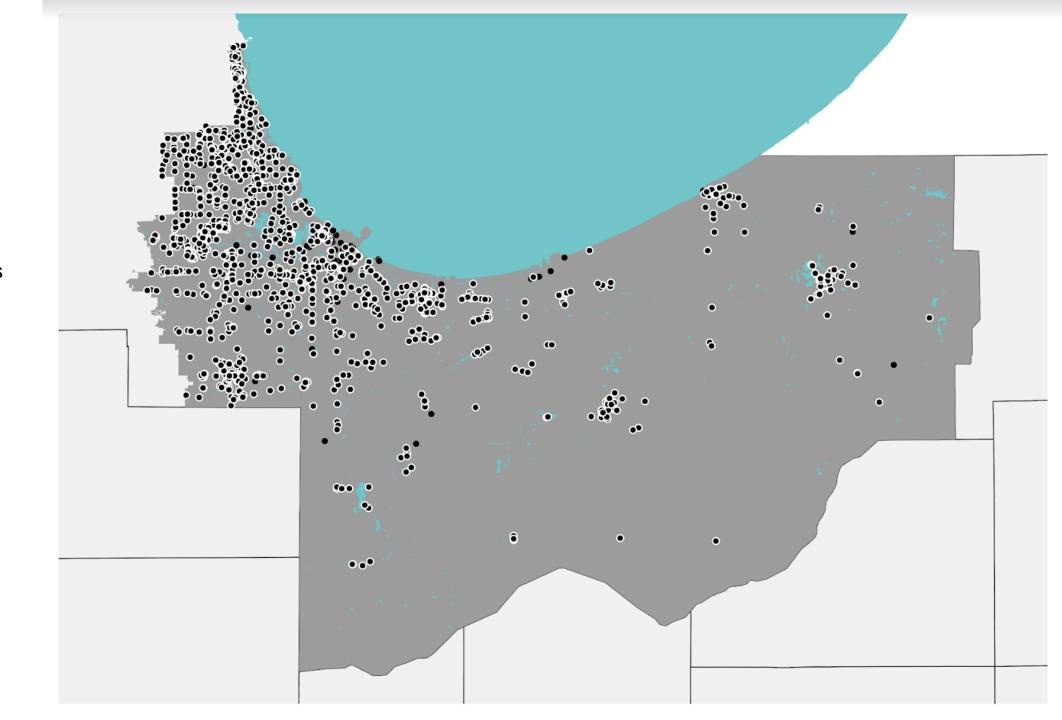
Stage 2

In order to map and manage these sites, more research and time is required

- 4. Unmanaged Natural Areas
- 5. Vacant or Blighted residential lots
- 6. Vacant or Blighted commercial lots

Stage 1 Sites

- EPA Brownfields
- State Site
 Remediation
- LUST
- Closed Landfills
- RCRA Hazardous Waste needing Corrective Action



Land Use

Agriculture

Commercial

Other

Industrial

Institutional

Open Space

Other

Residential

Utilities_Transportation

Vacant_Agr

Vacant

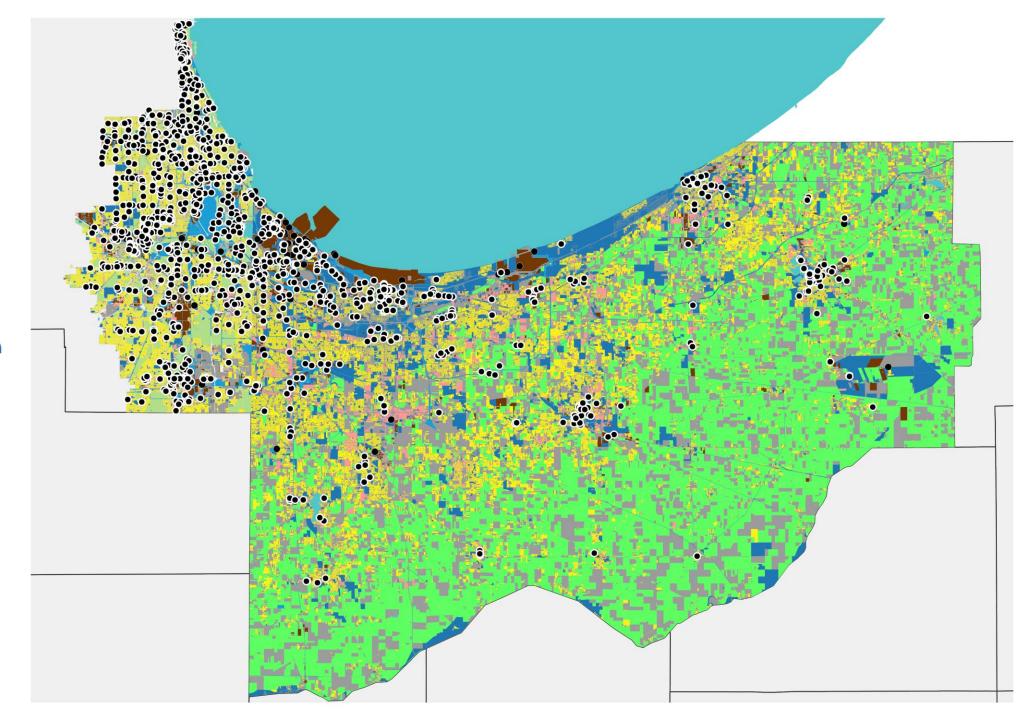
Vacant

Vacant

Vacant

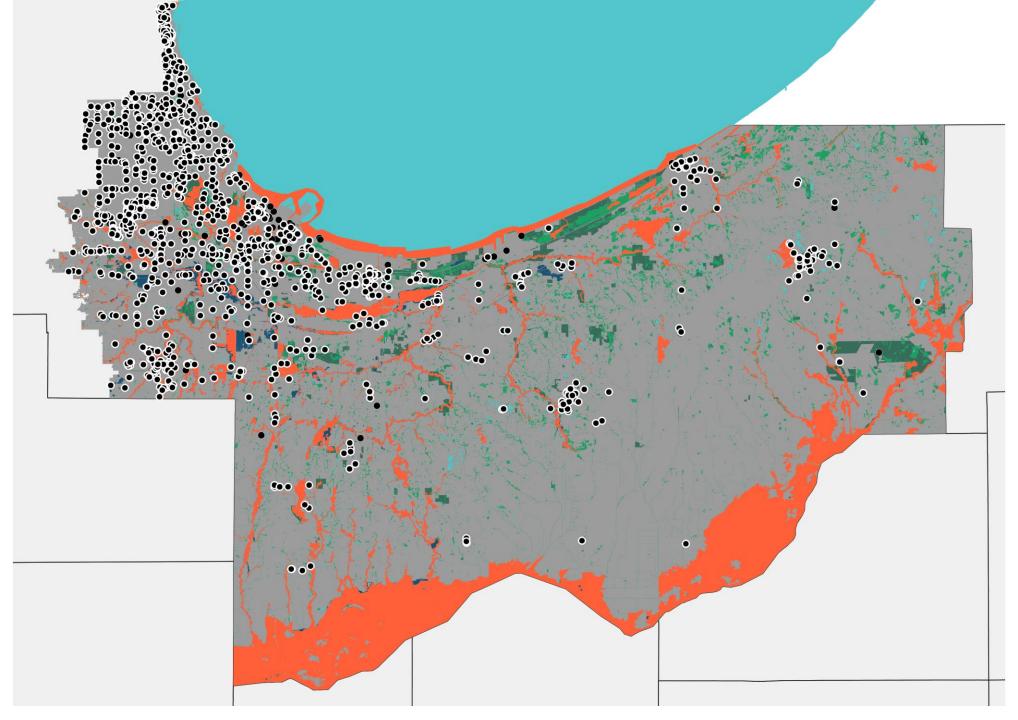
Vacant

Water



Environment



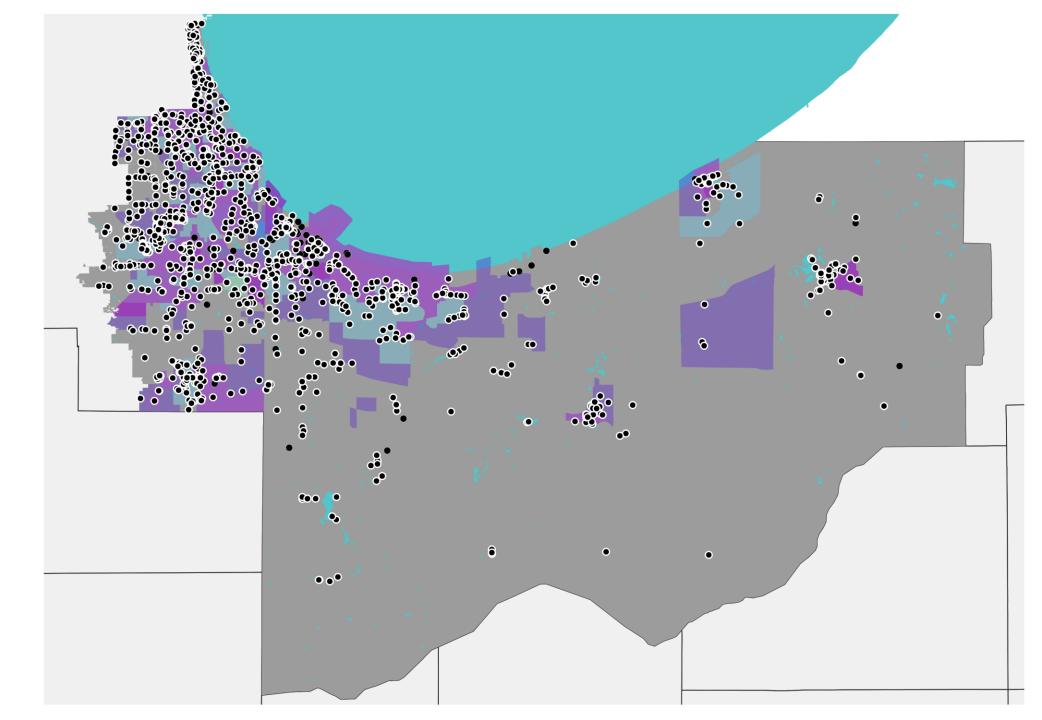


Economic Development

OpportunityZones

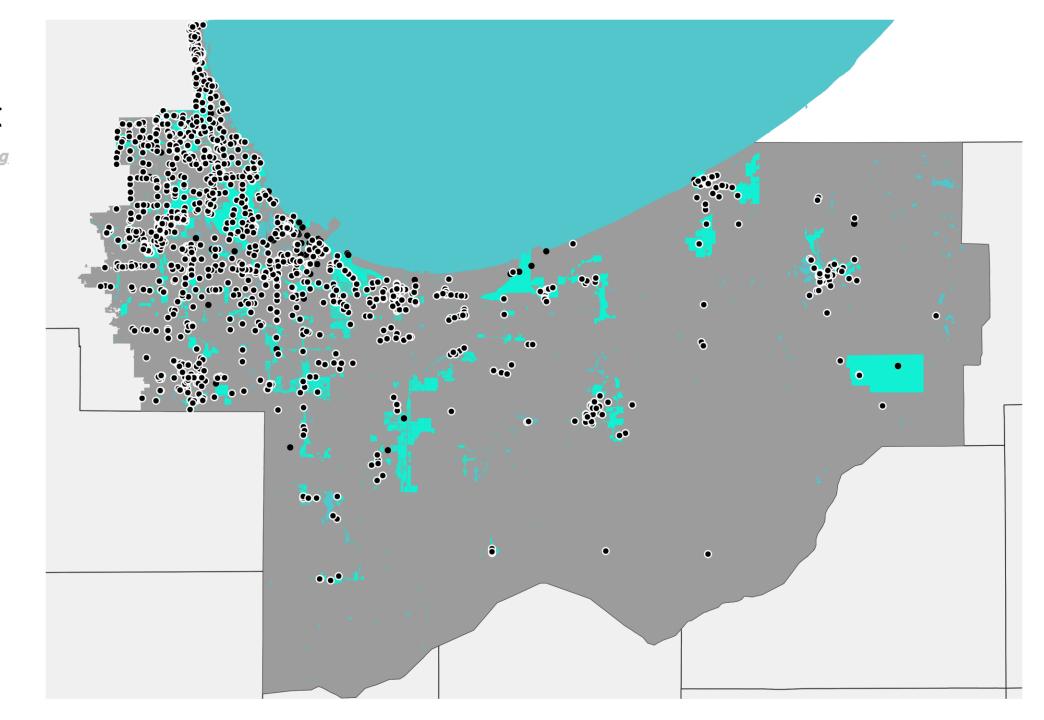
HUBZones

NewMarketTaxCredit

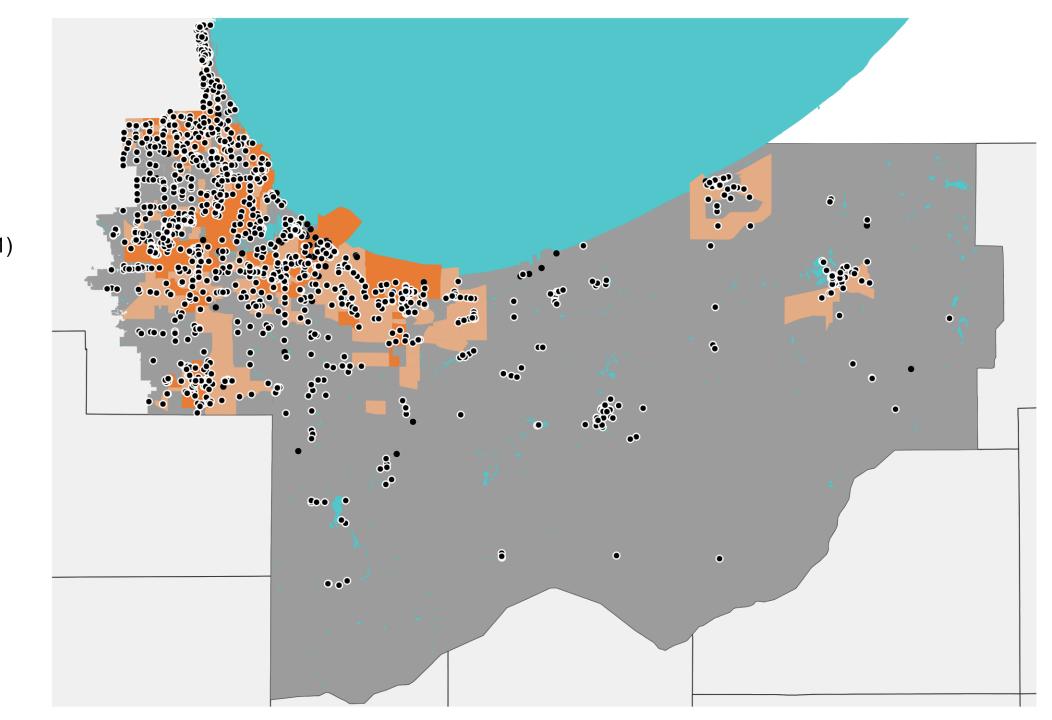


Economic Development

TaxIncrementFinancing (TIF)



Social Vulnerability Index above 0.75 (on a scale from 0 to 1)



Connect & Work with us



Sarah Coulter

Executive Director

sarah@calumetcollaborative.org

Sign up for our e-Newsletter



How Collaboration Drives Conservation Planning

In Mid-March, Calumet Collaborative and partners embarked on a Conservation Action Planning (CAP) project for 3 areas of Northwest Indiana that were not previously covered in the Coastal and Estuarine Land Conservation Program (CELCP) Plan. A number of diverse stakeholders in the region were involved to develop comprehensive 5-year conservation strategies with actionable outcomes, along with a detailed report, in just a 5-month time period, which speaks to the power of collaboration and collective action.



Read this article to understand how collaboration and the CAP process played major roles in developing the <u>Calumet Land Acquisition & Habitat Restoration Report</u>. You can also read summaries of each conservatio area's plan: <u>Oak Ridge/ Hoosier Prairie</u> (Lake

Thank you!



calumetcollaborative.org



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Instagram.com/calumetcollab



witter.com/calumetcollab