

# NJIT TAB EPA REGION

**NJIT has served as an EPA designated  
technical assistance provider since 2008**



**NJIT TAB serves as an independent resources to state,  
territory, regional, county, tribal, and local government  
entities, and nonprofits attempting to learn about, identify,  
assess, cleanup and redevelop brownfields.**

**Assistance is *free*!**

# NJIT TAB Brownfields Academy

[njit.edu/tab](http://njit.edu/tab)

## Out With The Old, In With Renew

Utilizing Brownfields for Renewable Energy



**Previously Recorded Webinars**  
[njit.edu/tab/webinars](http://njit.edu/tab/webinars)



**How-To Videos**  
[njit.edu/tab/how-videos](http://njit.edu/tab/how-videos)



**Success Stories**  
[njit.edu/tab/success-stories](http://njit.edu/tab/success-stories)

**OCTOBER**  
**6-7**

Tuesday - Wednesday | All Day

**Grow America's Brownfields RLF Workshop Series: New Orleans**

The Intercontinental New Orleans  
444 Saint Charles Ave, New Orleans, LA

**Upcoming Events**  
[njit.edu/tab/news-events](http://njit.edu/tab/news-events)



**Learning Modules**  
[njit.edu/tab/learning-modules](http://njit.edu/tab/learning-modules)

Expand All

**Multipurpose Grants**

- [Barbourville, KY](#)
- [Columbus, GA](#)
- [Fidecomiso de Para el Desarrollo de Rio Piedras, PR](#)
- [Gloversville, NY](#)
- [Kannapolis, NC](#)
- [Naranjito, PR](#)
- [Woodbine Borough, NJ](#)
- [Warner Robins, GA](#)

**Coalition Assessment Grants**

**Successful Grant Applications**  
[njit.edu/tab/sample-grant-applications](http://njit.edu/tab/sample-grant-applications)

# NJIT TAB Brownfield Community Engagement and Educational Forums



**JANUARY 31, 2025, 10:00AM**  
**Brownfields Workshop:**  
*Blight to Bright*

**Topics include:**  
Identifying Brownfields  
Funding Opportunities  
Success Stories



**Elise Molleur**  
Brownfields Redevelopment Specialist

SIGN UP NOW:



**HTTPS://BIT.LV/TBRPCBROWNFIELDS**

Webinar



Workshop made possible with funding by NJIT TAB

## Florida Brownfield Grants Writing Workshop

Register here:  
<https://bit.ly/FL-Brownfield-Grants>

**Thursday,  
December  
11th, 2025**

**Virtual Event**  
Starts @ 1:00pm EST  
12:00pm CST



EPA Grants  
& Cycles

Narrative  
Criteria

Eligibility

And more!

**NJIT TAB** TECHNICAL ASSISTANCE TO BROWNFIELD COMMUNITIES

**RECLAIMING IDLE SPACES:**  
Identifying & Prioritizing Brownfield Properties

This community workshop explores practical methods for identifying and prioritizing brownfields to spark community revitalization.

Includes an interactive session that covers strategies and publicly-available tools for locating sites with environmental concerns and creating inventories to guide future planning and leverage funding opportunities.

**September 12, 2025**  
10:00am - 12:00pm

University of South Florida,  
Oak View Room at Discovery Hall  
3720 Spectrum Blvd, Tampa, FL 33612

With guest speakers  
**Elise Molleur** Carrie Martin, AICP Dr. Christian Wells  
On staffed Redevelopment Specialist, NJIT TAB Environmental Sustainability Planner, NJIT TAB On staff, Center for Brownfields Research & Redevelopment, University of South Florida



**Registration and More Info:**  
<https://bit.ly/Reclaiming-Brownfields>

Made possible with funding from the US EPA

**Community Workshops:**  
on brownfield-specific topics.



**Conferences:**  
pre-conference workshops, learning labs, panel sessions, office hours

**Brownfield Basics Workshops:** a beginner-friendly introduction to the brownfield redevelopment process.

**Grant Writing Workshops:** getting started on your grant applications; tips and tricks for preparing an EPA brownfields grant application.

# NJIT TAB Brownfield Community Engagement and Educational Forums



**NJIT TAB** TECHNICAL ASSISTANCE TO BROWNFIELD COMMUNITIES

Do you have a **brownfield redevelopment** project that has run into some challenges?

Then, **Breaking Brownfields** may be just what your project needs to get moving forward again!

- Expert Panel with Technical Knowledge**: Engage with a multidisciplinary panel of experts to share off industry-level technical expertise.
- Advice on Challenges**: Helpful advice on overcoming project challenges and meeting goals.
- Interactive Forum**: Opportunity to meet with state, regional, county, local, and tribal governments, as well as non-profits, to present brownfields projects and challenges.
- Redevelopment Support**: Access numerous resources that will lead to successful redevelopments.

Have a project? Scan below:

Want to be Panelist? Scan below:

As the Technical Assistance to Brownfield Communities (TAB) provider for EPA Regions 2 and 4, NJIT can bring this interactive forum to you **FREE** of charge. Just give us a call at (973) 642-7045 or email [mtab@njit.edu](mailto:mtab@njit.edu).



**FLORIDA BROWNFIELDS COMMUNITY WORKSHOP**

Sarasota, FL  
June 23 & 24, 2026

HOSTED AT USF

Join Us!  
Register Today!

<https://bit.ly/2026-FBA-Community-Day>

Florida Brownfields Association | NJIT TAB | CITY OF SARASOTA

Questions? Belinda Williams-Collins | [belindaka@gmail.com](mailto:belindaka@gmail.com) or (386) 295-7314



**Breaking Brownfields:** an event where a government entity or nonprofit presents their specific brownfields redevelopment challenge to an audience of private sector representatives and obtains feedback on how to overcome those challenges.

**Brownfield Summits:** Full day event that may include peer-to-peer sessions, success stories, and sessions on brownfield-related topics relevant to the specific locations, their needs, and their challenges.

# **NJIT TAB One-on-One Technical Assistance**

*Examples of one-on-one Technical Assistance  
tailored to fit specific community's needs*

- Answer your brownfield questions
- Develop redevelopment strategy
- Review draft EPA grant applications
- Explain the regulatory programs
- Develop your redevelopment roadmap
- Identify funding sources
- Explain clean-up technologies
- Guidance on developing brownfield inventories
- Create site prioritization processes
- Develop strategies on marketing brownfield sites
- Develop Assets and Needs Studies
- Design and conduct community redevelopment vision workshops

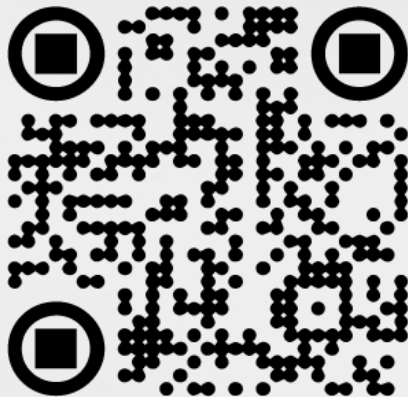
**And Much More!**

NJIT

# What is **TAB**

TECHNICAL  
ASSISTANCE TO  
BROWNFIELD  
COMMUNITIES

**Scan the QR Code to  
access our website**



**Have any more  
questions after today?**

## Contact Us

NJIT provides free technical assistance to state, regional, county, tribal, and local government entities and nonprofit organizations interested in learning about, identifying, assessing, cleaning up, and redeveloping brownfield sites in EPA Regions 2 & 4.

[tab@njit.edu](mailto:tab@njit.edu)

(973) 642-4165

[www.njit.edu/tab](http://www.njit.edu/tab)

<https://www.linkedin.com/company/njit-tab/>



<https://bit.ly/zoom-njit-tab>

# Thank You!



**Elise Molleur**

***Brownfield Redevelopment Specialist,  
NJIT TAB***

**(973) 642-7280**

**[elise.molleur@njit.edu](mailto:elise.molleur@njit.edu)**

**Contact Us:**

[tab@njit.edu](mailto:tab@njit.edu)

[www.njit.edu/tab](http://www.njit.edu/tab)



[company/njit-tab](https://www.linkedin.com/company/njit-tab)



**Environmental  
Protection Network**

# **Pro Bono Technical Assistance Program**

**Sierra Taliaferro, Community Outreach Associate**

Visit Our Website

**[environmentalprotectionnetwork.org](https://environmentalprotectionnetwork.org)**



# Environmental Protection Network (EPN)

Leveraging our network of 800+ EPA alumni volunteers



**Defends policies** that address climate change, environmental injustices, and other press health issues



Provides pro bono capacity-building **technical assistance**



**Supports** the civil service, including those fired or intimidated



## 1:1 Help on Community Needs

Assist with public comments, translating information into lay language, analyzing data, etc. Support communities achieve their self-identified goals



## Grant Opportunities

Navigate funding opportunities, help with proposal scoping and review



## EPA Award Support

Safeguard and defend federal grantees' ability to implement their projects



## Partnership Building

Identify agency contacts and connect groups with others for peer learning or support beyond EPN

## MAIN SUBJECT MATTER TOPICS



### AIR

- Air Monitoring
- Air Monitoring Grants
- Air Quality Modeling
- Air Quality & Climate Change
- Air Quality: General, Mobile, and Stationary Source
- Radiation/Indoor Air
- Air Permits
- Particulate Matter (PM)



### WATER

- Flooding
- Drinking Water
- Wastewater
- Water Infrastructure
- Water Quality: General, Point Source, and Non-Point Source
- Water Utilities
- Waters of the United States (WOTUS)
- Stormwater Management
- Clean Water Act (CWA)



### SUPERFUND AND BROWNFIELD

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Brownfields
- Cleanup Process
- TAB Programs
- Resource Conservation and Recovery Act (RCRA)



### COAL, OIL, AND GAS

- Coal Ash
- Fossil Fuels
- Oil Refinery
- Petrochemicals
- Carbon Capture and Storage (CCS)



### OTHER TOPICS

- Quality Assurance Project Plans (QAPP)
- Climate Action Plans (CAP)
- Federal Grant Support
- Enforcement and Compliance at EPA
- Soil Contamination
- Solar Projects

# EPN's Pro Bono Capacity-Building Technical Assistance Team



**National Community Outreach Manager**  
Urszula Parfieniuk



**Region 5**  
Olivia Smith



**Region 1**  
Michelle Peedin



**Region 3**  
Anthony Nicome



**Region 4**  
Sierra Taliaferro



**Region 6**  
Mutheu Mukeli



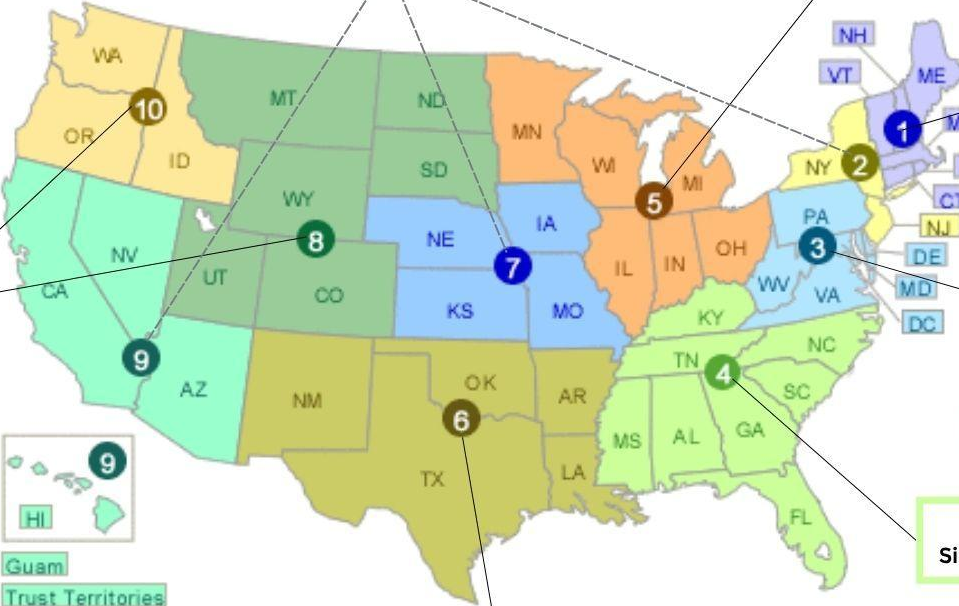
**Regions 8 & 10**  
Melanie Michaud



Guam  
Trust Territories  
American Samoa  
Northern Mariana  
Islands



**Senior National Grants Associate**  
Caitlin Bolger



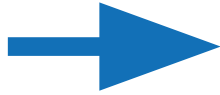
# Technical Assistance in Action: 1:1 Support



## Intake Form

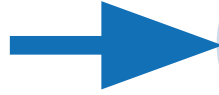
Organizations in need of support reach out through our intake form.

Check out the [intake form here](#)



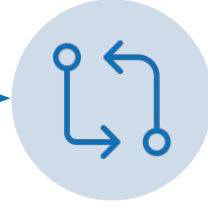
## Initial Conversation

Organizations meet with their regional outreach associate to discuss current work, goals and technical assistance needs.



## Resource Share, Volunteer Match

EPN provides resources as available and connects organizations with EPA alumni volunteers as appropriate.



## Continued Follow Up

Communications continue with EPN outreach associates as long as needed.

# ENVIRONMENTAL PROTECTION NETWORK

## PRO BONO TECHNICAL ASSISTANCE FOR GRANT NAVIGATION

### FUNDING UPDATES



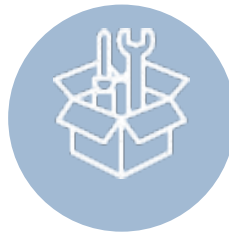
[Sign up](#) to receive EPN's federal funding updates via email every 2-4 weeks and Funding Bulletin.

### SAM.GOV REGISTRATION



[SAM.gov registration](#). 1:1 direct support with communities for registration and renewal assistance.

### APPLICATION RESOURCES



For select federal EJ grants, EPN creates application process guides and resource landing pages that can include checklists, sample language and other proposal writing tools. Look [here](#) for more.

### 1:1 SUPPORT



- Brainstorming
- Project scoping
- Draft review
- Subject matter expertise from former EPA career staff



**Environmental  
Protection Network**

# Thank you

Request technical assistance  
<https://bit.ly/EPNassist>



*Requests for technical assistance are divided by region and go directly to the inbox of each region's designated outreach associate.*

Visit Our Website

**[environmentalprotectionnetwork.org](https://environmentalprotectionnetwork.org)**



# FLORIDA'S BROWNFIELDS PROGRAM

**Scott Sweeney**

Division of Waste Management / Waste Cleanup Program  
Florida Department of Environmental Protection

Resources Roundtable | September 16, 2026



# FLORIDA'S TBA / SSA PROGRAM



## Florida's Targeted Brownfields Assessment/Site-Specific Activity Program

### Brownfields Redevelopment Supplement

The Florida Department of Environmental Protection can help municipalities - especially those without federal Brownfields Assessment grants - reach their redevelopment goals by supplementing cleanup and redevelopment efforts through the U.S. Environmental Protection Agency's Brownfields Initiative and the Florida Brownfields Redevelopment Program.

Cleaning up and remediating contaminated or underused property protects both public health and the environment. Additionally, successful revitalization of former brownfields sites has been proven to bolster local economies and strengthen community pride.

The brownfields projects approved in 2019 alone are projected to create over 5,700 new direct and indirect jobs, and over \$527 million in capital investments throughout the life of the projects.

DEP's Targeted Brownfields Assessment and Site-Specific Activity program provides brownfields supplement service to conduct environmental assessments and/or limited cleanups.

- Up to \$200,000 per site for cleanups
- Up to \$200,000 per site for assessments

### Types of services provided

- Screening background and historical investigation, preliminary site inspection
- Full site assessment to identify types and concentrations of contaminants and areas to be cleaned
- Analysis of Brownfield Cleanup Alternatives to establish cleanup options and cost estimate based on future uses and redevelopment plans

- Site Assessment Report to delineate contamination
- Limited cleanups for source removals and remediation
- Site monitoring

### Selection criteria

- Legal permission to access the property
- Ability to complete the project within the budget period
- Locally approved redevelopment plan in place for the property
- Preference will be given to applicants who demonstrate community need

### Eligibility

- Local governments
- Nonprofit organizations
- Community redevelopment agencies
- Housing authorities
- Regional planning councils
- Water management districts
- Private landowners

### Restrictions

- Services cannot be used for assessments or cleanups at sites that do not meet the legal definition of a brownfield
- Assessments and cleanups must comply with federal and state laws
- Properties must be eligible for EPA Brownfields funding

### Learn how your community can benefit

Contact DEP's Brownfields Program Manager at [Scott.LSweeney@FloridaDEP.gov](mailto:Scott.LSweeney@FloridaDEP.gov) or call 850-245-8958.

### Apply

Download application: [FloridaDEP.gov/SSA-Application](https://FloridaDEP.gov/SSA-Application)



[FloridaDEP.gov/BrownfieldsProgram](https://FloridaDEP.gov/BrownfieldsProgram)

## Assessment and cleanup services performed by DEP contractors

- Up to \$250,000 per site for assessment tasks
- Up to \$250,000 per site for remediation tasks (including source removal)



# TBA / SSA PROPOSED BUDGET

## FY 2026-27

**BIL Funds**

**SRP Grant Allotment**

**Funds Available For  
TBA/SSA**

**\$300  
K**



**\$136  
K**



**\$436  
K**



# BROWNFIELD PROCESS (STATE PROGRAM) SUMMARIZED

**Brownfield  
Area  
Designation**  
by local  
government

**Identification  
of PRFBRS**

**Execution  
of BSRA**  
by the  
Department  
and PRFBRS

**Implementation  
of BSRA**  
by PRFBRS

**SRCO**



# VOLUNTARY CLEANUP TAX CREDITS

| Tax Credit Type                      | Application Frequency | % Allowed / Maximum Credit for Costs Incurred and Paid after 12/31/07 |           |
|--------------------------------------|-----------------------|-----------------------------------------------------------------------|-----------|
| Site Rehabilitation                  | Annually              | 50%                                                                   | \$500,000 |
| No Further Action Bonus (i.e., SRCO) | Once                  | 25%                                                                   | \$500,000 |
| Affordable Housing Bonus             | Once                  | 25%                                                                   | \$500,000 |
| Health Care Facility Bonus           | Once                  | 25%                                                                   | \$500,000 |
| Solid Waste                          | Once                  | 50%                                                                   | \$500,000 |



# THANK YOU

**Scott Sweeney**

Division of Waste Management / Waste Cleanup Program  
Florida Department of Environmental Protection

Contact Information:

(850) 245-8958

[Scott.L.Sweeney@FloridaDEP.gov](mailto:Scott.L.Sweeney@FloridaDEP.gov)

# EPA Support of Brownfields Revitalization

- Grants and technical assistance to promote:
  - community-driven planning, assessment, clean up and reuse of brownfield sites
  - training for brownfield jobs and workforce development
- Liability protections to encourage acquisition and investment in brownfield reuse
- Establishing and enhancing state and tribal response programs



# Brownfields Grant Programs

EPA provides **competitive** grants on an annual basis for:

- **Assessment (Community-Wide):** inventory, outreach, sampling & testing, reuse & cleanup planning
- **Assessment (Coalition):** same activities, but multiple jurisdictional partners
- **Cleanup:** Remediation of sites that have already been assessed
- **Revolving Loan Fund:** Provides seed funding for site remediation projects
- **Multipurpose:** funding for mix of assessment and cleanup



# Important Changes for 2027

| CERCLA 104(k) Grant Type                              | Amount (max)          | Length of Grant |
|-------------------------------------------------------|-----------------------|-----------------|
| Community-wide Assessment                             | \$500K                | 4 years         |
| Assessment Coalition                                  | \$1M                  | 4 years         |
| Community-wide Assessments for States/Tribes (CWAGST) | \$1M                  | 5 years         |
| Cleanup                                               | \$500K (+ cost share) | 4 years         |
| Revolving Loan Fund (offered alternating years)       | \$1M (+ cost share)   | 5 years         |
| Multipurpose (offered alternating years)              | \$1M (+ cost share)   | 5 years         |
| Job Training                                          | \$300K                | 3 years         |

# State & Tribal Response Programs

EPA provides **non-competitive grants** annually to **states and tribes** to conduct the following brownfields activities:

- inventory of sites on state or tribal land
- oversee brownfields resources and enforce state/tribal authority
- provide opportunities for local stakeholders' meaningful participation in brownfields decisions
- approve site cleanup plans, and verify/certify that cleanup goals are completed



*View of the Truckee River in Nevada, from parcels assessed for the Truckee River Flood Project*



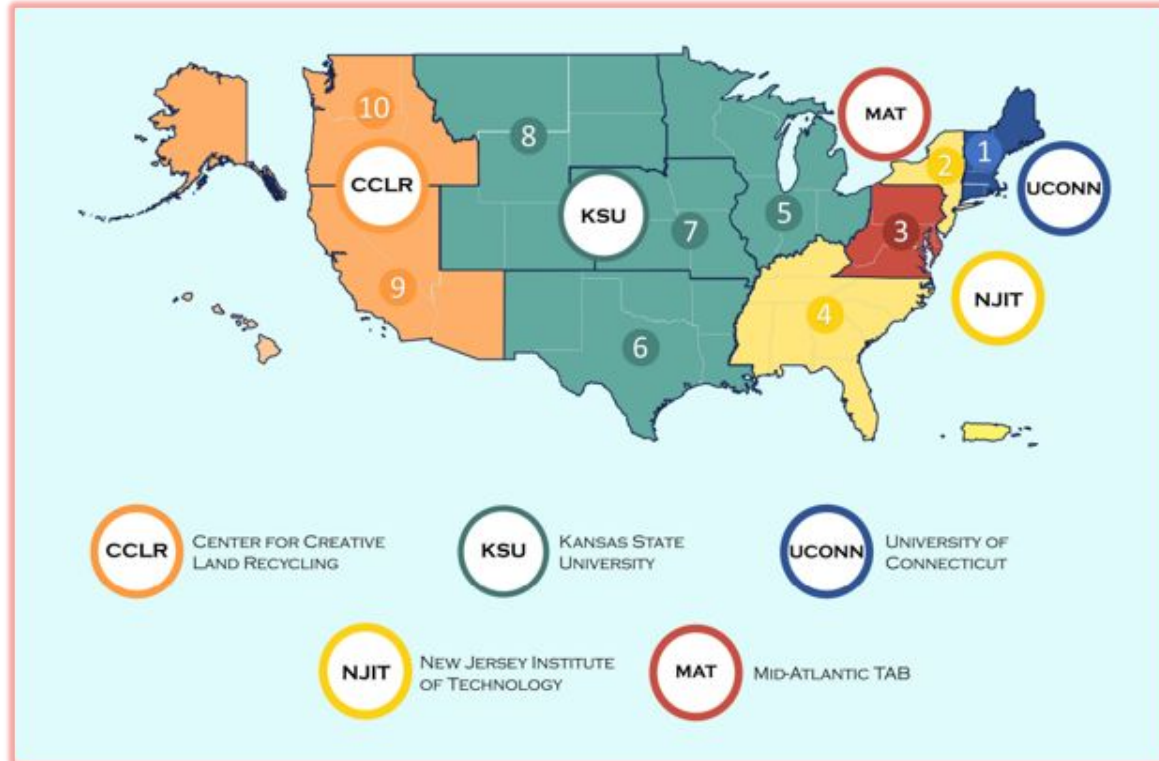
# Targeted Brownfields Assessment

A targeted brownfields assessment (TBA) is conducted by an EPA contractor on behalf of an eligible entity. Services include site assessments, cleanup options and cost estimates, and community outreach.

Ideal for single sites, or projects that are not a good fit for grant programs (due to schedule, organizational capacity, etc.)



# Technical Assistance By Region



Assist specific regions with TA and training to communities and other stakeholders on brownfield issues, such as:

- preparing grant applications;
- performing site inventories;
- reviewing historical information;
- design of investigation/sampling/field analysis; and
- cleanup and redevelopment planning.

# Topic-specific Technical Assistance

<https://www.epa.gov/brownfields/technical-assistance>



**KANSAS STATE  
UNIVERSITY**

**Technical Assistance to Tribal  
Nations and Entities**

Available thru 2029



**Support Nonprofits Seeking to  
Reuse Brownfields**

Available thru 2028



**Support for Brownfields Revolving  
Loan Funds**

Available thru 2029



**Land Banking Strategies to  
Support Brownfields**

Available thru 2028



**National Brownfields  
Training Conferences**

Available thru 2030



**Brownfields  
Anti-Displacement Research**

Available thru 2027



**State Program Implementation**

Available thru 2029





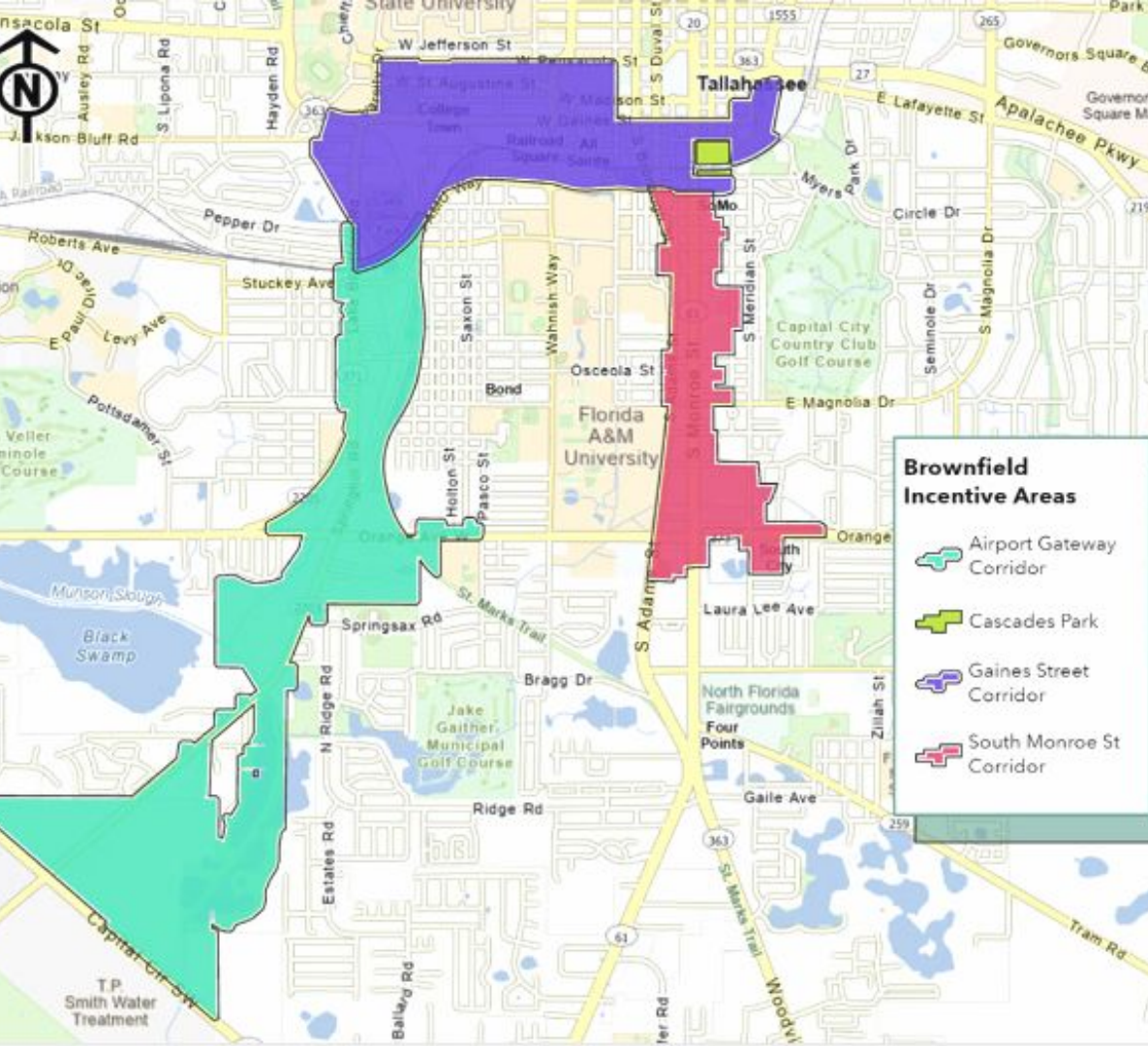
---

# City of Tallahassee

## Brownfields Resources



**CITY OF  
TALLAHASSEE**



## Tallahassee's Brownfields Program

- ❖ The City of Tallahassee has been actively involved in brownfields assessment, cleanup and redevelopment for more than 25 years.
- ❖ Awarded \$3M in grant funding since program inception.
- ❖ More than 200 assessments on parcels throughout Tallahassee using grant funds.
- ❖ 1400 acres of Designated Brownfield Areas.



# Federal Resources

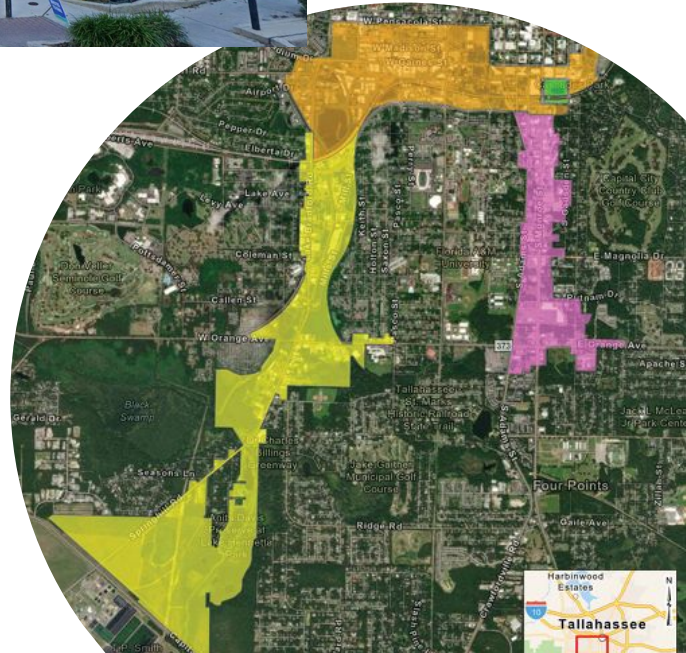
| Year Awarded | Amount      | Grant Type                    |
|--------------|-------------|-------------------------------|
| 1997         | \$400,000   | EPA Brownfields Pilot Program |
| 2008         | \$400,000   | EPA Community-Wide Assessment |
| 2009         | \$600,000   | EPA Cleanup (3)               |
| 2011         | \$1,000,000 | EPA Revolving Loan Fund (RLF) |
| 2017         | \$300,000   | EPA Community-Wide Assessment |
| 2022         | \$500,000   | EPA Community-Wide Assessment |

- Phase I and II ESAs.
- Cleanup.
- ABCAs.
- Re-use Planning.
- Community Outreach and Involvement.

# State Resources

- State and Tribal Response Program (128a)
  - assessment and cleanup funding.
- Designated Areas – incentivize private investment.
- Brownfield Site Rehabilitation Agreements.
  - Voluntary Cleanup Tax Credits (VCTC).
  - Liability Protection.
- Can combine state and federal resources.
- Example: Stadium Center.

| Funding Source | Stadium Center |
|----------------|----------------|
| State 128a     | \$126,909      |
| EPA Cleanup    | \$200,000      |
| VCTC           | \$268,269      |





## Success Story: Gaines Street Corridor

- The City's strategy combined federal Brownfields resources, state incentives, and substantial local investment to address both environmental and infrastructure barriers to redevelopment.
- \$58 million in City infrastructure investment.
- Approx. \$1 Billion in property value today.
- Brownfield Resources:
  - Brownfield area designation.
  - EPA Assessment and Cleanup grants.
  - RLF Financing.
  - BSRAs and VCTC.
  - Public Infrastructure investment.
  - Private developer investment.



# The Tallahassee Approach

- Know the resources.
- Match the tool to the barrier.
- Layer resources where necessary.
- Build strong federal, state and local partnerships.
- Seek community input.
- Stay engaged through redevelopment.





# Questions?

Kelly Crain

[Kelly.crain@talgov.com](mailto:Kelly.crain@talgov.com)

850-891-8563



**CITY OF  
TALLAHASSEE**

# Brownfields Revitalization Anti-Displacement Strategies (BRADS)

Florida Brownfields Conference  
Tallahassee, Florida

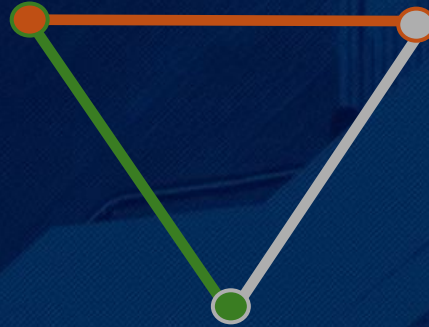
16 September 2026

# BRADS Program Overview: Three Core Components

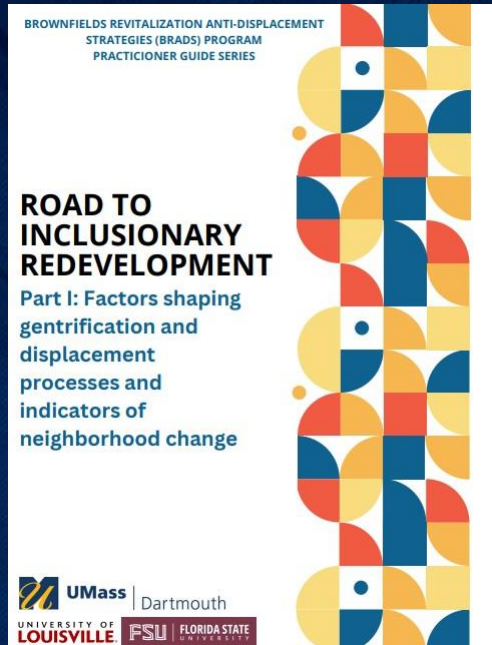
**RESEARCH** gentrification indicators  
and displacement patterns related  
brownfield remediation

**Develop GUIDELINES** for  
localized anti-displacement  
strategies

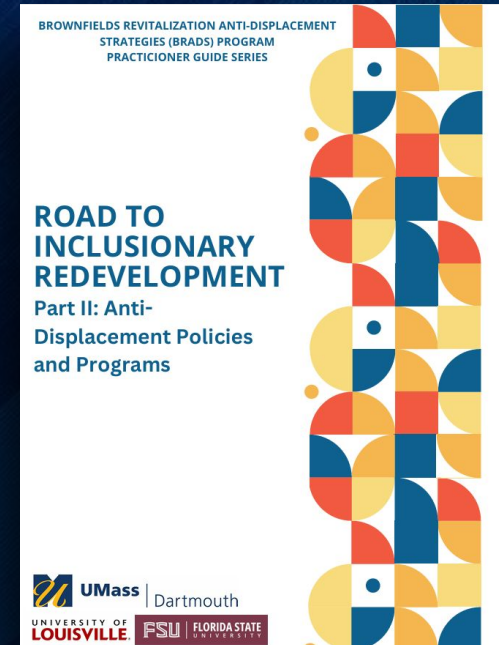
**Provide TECHNICAL  
ASSISTANCE** to build local  
capacity and support long-term  
sustainable interventions



# Practitioner Resource Guides



(2025)



(2026)

Our Central Question...

# Who Benefits from Brownfield Redevelopment?

# *The Revitalization Paradox*

The Catch-22: Contamination makes neighborhoods accessible to socially vulnerable residents.



Andrew Lichtenstein documented the lives of residents in Louisiana's Cancer Alley, 1998. In Saint James Parish, one in three children live below the federal poverty line.

Brownfields depress nearby property values...



The former Tallahassee Waterworks building sits idle in this image from 1974.

...and when they are cleaned up, investment follows not far behind.



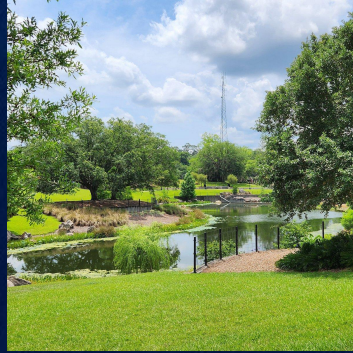
Amicus Brewery opened at the site in 2023.

# Cascades Park: A Case Study

# Cascades Park ...



... is a place for the young and the aged, the rich and the poor...



... is designed to carry up to 32 million gallons of stormwater...



... has its own skate park...



... connects downtown to Florida A&M University...



... has two and a half miles of running trails...



... has a 3,000+ seat public amphitheatre...

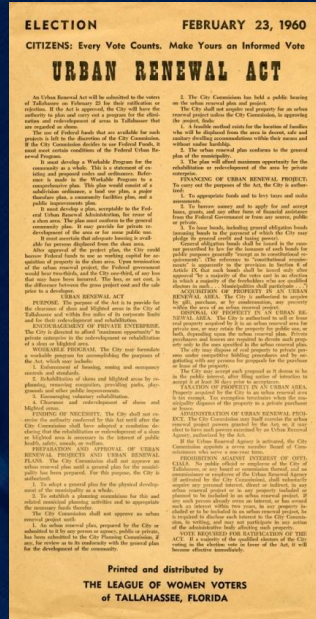
# Cascades Park: Once Upon a Neighborhood



A block of homes in Smokey Hollow. January 3<sup>rd</sup>, 1963.  
Source: Florida Memory



Adjacent to the still extant Florida Fish & Wildlife Building, 1969,  
Source: Florida Memory



The fate of Tallahassee's Smokey Hollow was sealed following a February 1960 vote.



For five decades the area where Smokey Hollow once stood laid fallow. The neighborhood was home to the city's gasification plant, incinerator, landfill, and main



Some homes from Smokey Hollow were not destroyed, like this one on Lafayette Street, built in 1926.

# Cascades Park: A Brownfields Success Story



The newly opened Coca-Cola bottling plant (1949)



The Old City Waterworks sits idle (1974)



Rendering of the new Proof Brewery (2019)



Amicus Brewery opens at the site (2023)

# Cascades Park: A Case Study



Amicus Brewing Ventures

Opened: October 2023

Distance from Cascades: 1,000 feet

# Cascades Park: A Case Study



Amicus Brewing Ventures  
Opened: October 2023  
Distance from Cascades: 1,000 feet



Proof Brewery  
Opened: February 2019  
Distance from Cascades: 0.4 miles

# Cascades Park: A Case Study



Amicus Brewing Ventures  
Opened: October 2023  
Distance from Cascades: 1,000 feet



Proof Brewery  
Opened: February 2019  
Distance from Cascades: 0.4 miles



The Monroe Restaurant and Distillery  
Opened: July 2024  
Distance from Cascades: 0.3 miles

# Cascades Park: A Case Study



Lucky Goat Coffee  
Opened: February 2020  
Distance from Cascades: 0.5 miles

# Cascades Park: A Case Study



Lucky Goat Coffee  
Opened: February 2020  
Distance from Cascades: 0.5 miles



Foxtail Coffee Company  
Opened: December 2024  
Distance from Cascades: 0.3 miles

# Cascades Park: A Case Study



Lucky Goat Coffee  
Opened: February 2020  
Distance from Cascades: 0.5 miles

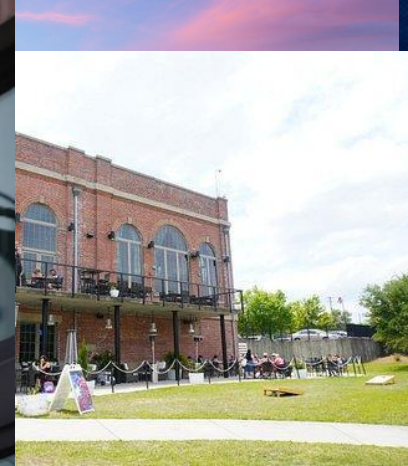


Foxtail Coffee Company  
Opened: December 2024  
Distance from Cascades: 0.3 miles



Power Plant Coffee  
Opened: September 2015  
Distance from Cascades : 0 feet

# Cascades Park: A Case Study



Argonaut Coffee  
Opened: December 2023  
Distance from Cascades: 50 feet

# Cascades Park: Four Beers, Three Coffees, and a Food Desert

NEWS

## Most of city's south side a food desert

November 19, 2020 7:56 pm

by Nikyya Smith | Staff writer



# Cascades Park: Four Beers, Three Coffees, and a Food Desert

NEWS

## Most of city's south side a food desert

November 19, 2020 7:56 pm

by Nikyya Smith | Staff writer

Income

**\$16,566**

Per capita income

about half the amount in Tallahassee:  
\$36,567

about two-fifths of the amount in  
Leon County: \$39,955

about two-fifths of the amount in  
Florida: \$42,609

**\$25,089**

Median household income

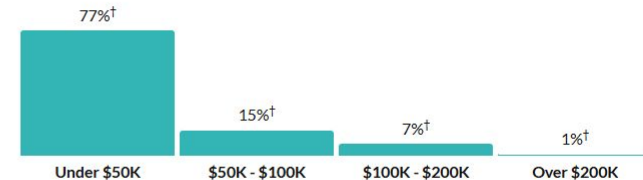
about two-fifths of the amount in  
Tallahassee: \$57,409

about two-fifths of the amount in  
Leon County: \$66,287

about one-third of the amount in  
Florida: \$74,568

### Leon County Census Tract 10.01

Household income



[Show data](#) / [Embed](#)

# For Whose Benefit?

# Stay Connected with BRADS



- ✓ Sign up for our Quarterly Newsletter
- ✓ Apply for Technical Assistance
- ✓ Attend our next Webinar
- ✓ Read our Anti-Displacement Guides

## CONTACT

Dr. Nefeli Bompoti  
Assistant Professor  
Civil and Environmental Engineering  
University of Massachusetts Dartmouth  
285 Old Westport Road  
North Dartmouth, MA 02747  
Office: Violette Research 108b  
Phone: 508-999-8486  
Email: nbompoti@umassd.edu

Name \*

First

Last

Email \*

Subject \*

Message \*

This form is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.

Submit

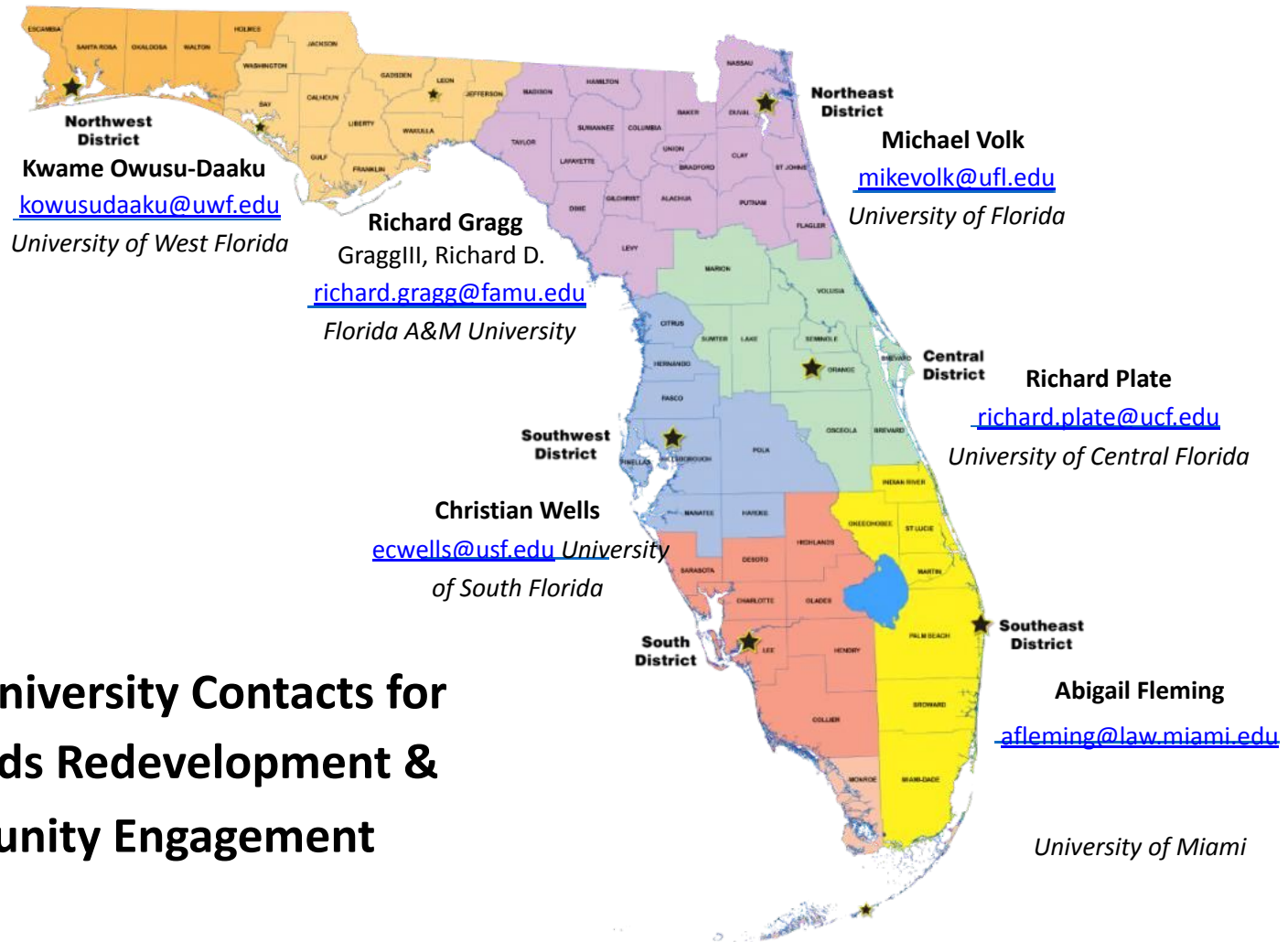
<https://bradsprogram.sites.umassd.edu/contact/>

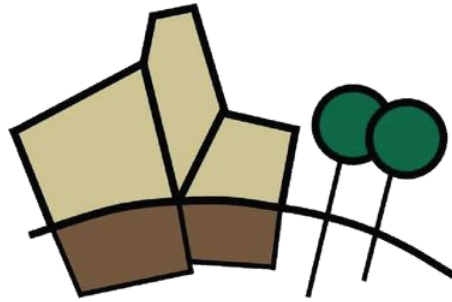
# University Resources for Communities

*Christian Wells*  
*University of South Florida*



# Regional University Contacts for Brownfields Redevelopment & Community Engagement





UNIVERSITY of  
**SOUTH FLORIDA**  
CENTER FOR **BROWNFIELDS**  
RESEARCH & REDEVELOPMENT



Our mission is to leverage interdisciplinary scientific expertise at the University of South Florida to inform and support community-driven research on environmental contaminants, land use legacies, environmental justice, and sustainable and equitable (re)development.

## RESEARCH



**Florida Brownfields  
Redevelopment Atlas: A  
Decision Support Tool**

**U.S. EPA CERCLA Section 128(a)  
& 104(k) funding through the  
Florida Department of  
Environmental Protection,  
2017-2024; FDEP BIL and U.S.  
EPA R4 TAB funding for student  
internships**

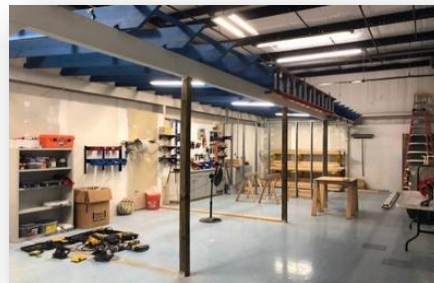
## REDEVELOPMENT



**Brownfields Redevelopment  
Planning and Environmental  
Site Assessments for Tampa  
Bay Communities**

**U.S. EPA Brownfields Area-  
Wide Planning Grant, 2017-  
2019; Community-wide  
Assessment Grants, 2019-  
2022, 2023-2025; Coalition  
Assessment Grant, 2024-  
2026; Community Change**

## EDUCATION



**Environmental Workforce  
Development and Job  
Training Programs for East  
Tampa**

**U.S. EPA Environmental  
Workforce Development and  
Job Training Grant, 2020-  
2022; Brownfields Job Training  
Grant, 2023-2026**



Redevelopment in  
the University Area  
Community

Investment: \$200K  
Return: \$17.4M



Jobs Training  
in East Tampa

Investment: \$10K  
Return: \$700K



*Focus*

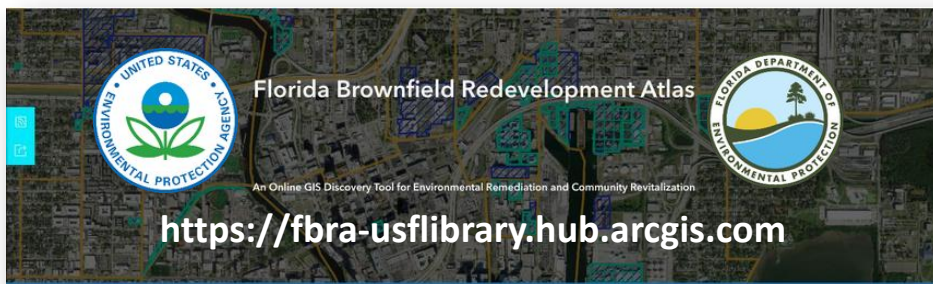
Environmental  
Assessment &  
Cleanup in  
Talleavast

Investment: \$20K  
Return: \$525K

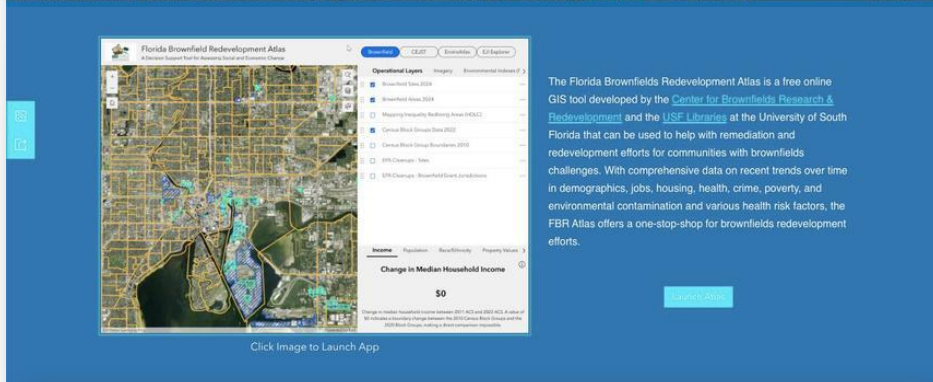


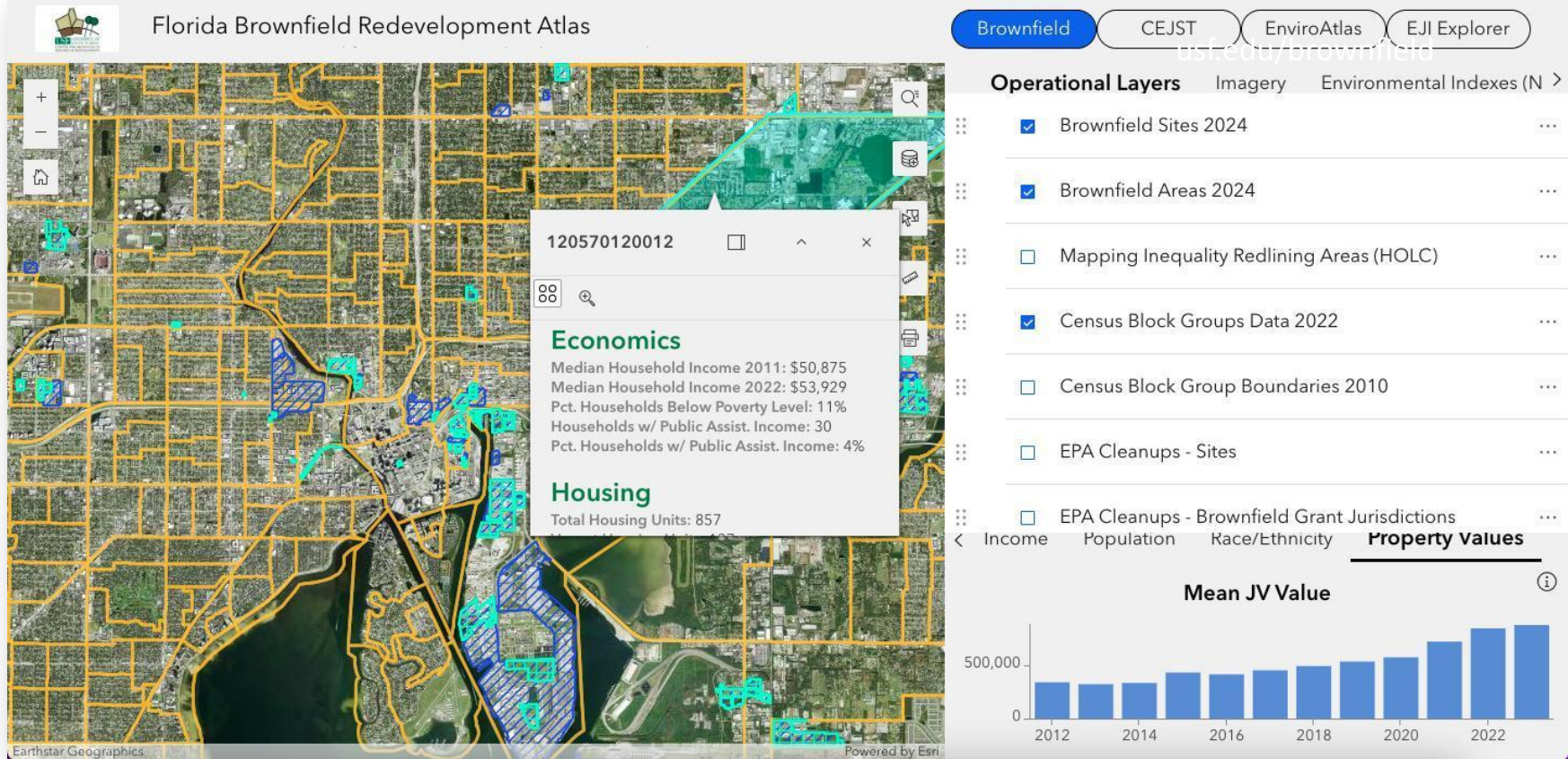
Internships &  
Curriculum  
Development  
atUSF

Investment: \$15K  
Return: \$1.7M



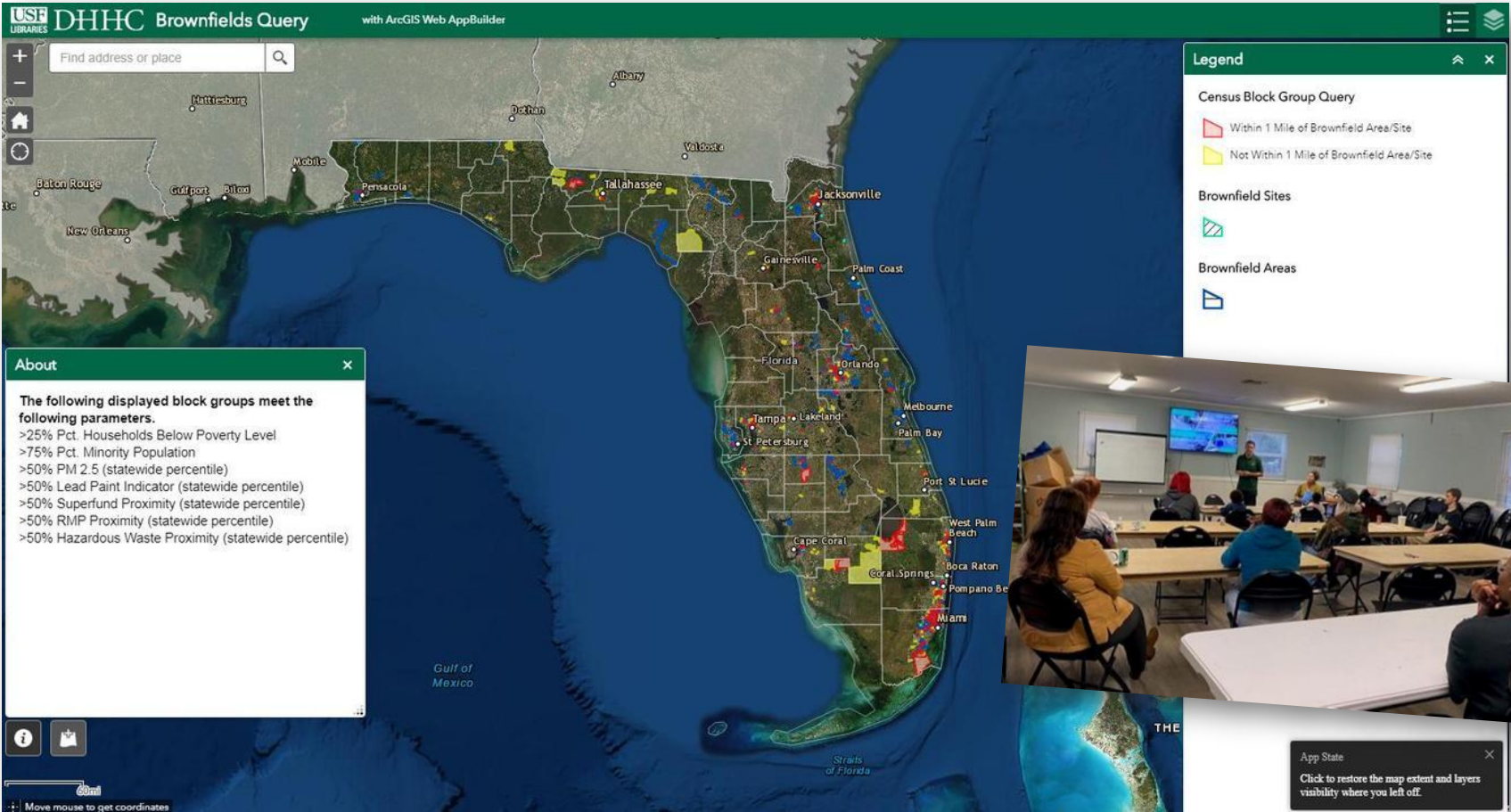
The **Florida Brownfields Redevelopment Atlas** is an online discovery tool that allows users to explore, summarize, and extract various types of environmental and socioeconomic data, with an emphasis on change over time, at the census block group level for the entire





Data are summarized to display trends over time for population, income, ethnicity, property values, crime, and environmental health, among other indicators.

# Example: Identifying “Underserved Communities”



# Example: Applying for EPA Grants

|                                                  | Points       | %       |
|--------------------------------------------------|--------------|---------|
| Section 1                                        | 45-50 points | Total   |
| 1 a. Target Area & Brownfields                   | (15)         | ca.30%  |
| 1.a.i. Background & Description of Target Area   | 5            |         |
| 1.a.ii. Description of Priority Brownfield Sites | 10           |         |
| 1.b. Revitalization of the Target Area           | (15)         |         |
| 1.b.i. Reuse Strategy & Alignment with Plans     | 10           |         |
| 1.b.ii Outcomes & Benefits of Reuse Strategy     | 5            |         |
| 1.c. Strategy for Leveraging Resources           | (15)         |         |
| 1.c.i. Resources needed for Site Reuse           | 10           |         |
| 1.c.ii. Use of Existing Infrastructure           | 5            |         |
| Section 2                                        | 20-35 points | ca. 20% |
| 2.a. Community Need                              | (20)         |         |
| 2.a.ii Community Need for Funding                | 5            |         |
| 2.a.ii Threats to Sensitive Populations          | 15           |         |
| 2.b. Community Engagement                        | (15)         |         |
| 2.b.i. Project Involvement                       | 5            |         |
| 2.b.ii. Project Roles                            | 5            | ca.30%  |
|                                                  | 50-75 points |         |
|                                                  | 30-35 points | ca. 20% |



# Example: Assessing Vulnerabilities



## Geospatial Vulnerability Framework for Identifying Water Infrastructure Inequalities

Matthews J. Wakhungu, Ph.D.<sup>1</sup>; Noha Abdel-Motaleb, S.M.ASCE<sup>2</sup>; E. Christian Wells, Ph.D.<sup>3</sup>; and Qiong Zhang, Ph.D., M.ASCE<sup>4</sup>

**Abstract:** Recent infrastructure failures in the United States have brought attention to the ways and extent to which water security is unevenly distributed in urban areas. For many marginalized communities, infrastructure interdependencies (e.g., water, wastewater, sewerage, stormwater) have created significant vulnerabilities in the face of aging or inadequate water treatment and delivery systems. In these communities, cascading failures precipitated by environmental hazards such as flooding often propagate across multiple infrastructure systems, sometimes resulting in poor water quality and/or lack of access to water for significant periods. However, little is known about how specific environmental and social factors combine with water infrastructure vulnerability and interdependencies to create enduring infrastructure inequities. This paper presents a geospatial vulnerability framework for identifying water infrastructure inequities, using specific environmental and social factors combined with water infrastructure information systems (GIS) analysis. The framework, designed to demonstrate the framework, for this framework, we integrate geographic information system (GIS) analysis of environmental hazards, a factor analysis model of socioeconomic data, and a network topology-based performance indicator for the infrastructure network. The resulting framework models the environmental and social vulnerabilities, quantifies hydraulic vulnerability and water distribution network. The resulting framework models the environmental and social vulnerabilities, quantifies hydraulic vulnerability and water distribution network. The resulting framework models the environmental and social vulnerabilities, quantifies hydraulic vulnerability and water distribution network.

**Author keywords:** Environmental hazards; Social vulnerability; Infrastructure interdependency; Water insecurity; Geographic information systems (GIS); Marginalized communities.

### Introduction

Access to a reliable and affordable supply of safe and clean water is essential for human well-being (UNESCO 2019). While cities around the world have made significant progress in providing water access to millions of people globally (Orr and Khan 2011; UNICEF and WHO 2019), many low-income communities have not. At the same time, although high-income countries have made significant progress in providing universal access to water, they have also experienced significant water infrastructure failures (Orr and Khan 2011). These failures have exposed the growing problem of water infrastructure inequities in developed nations for many marginalized communities in developed nations.

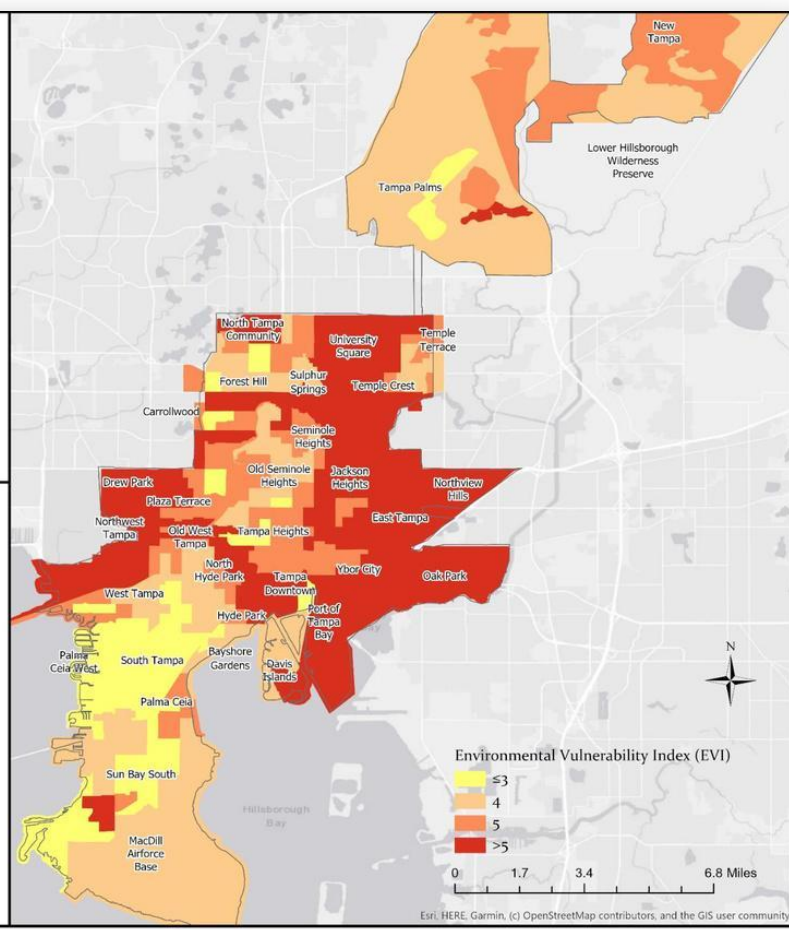
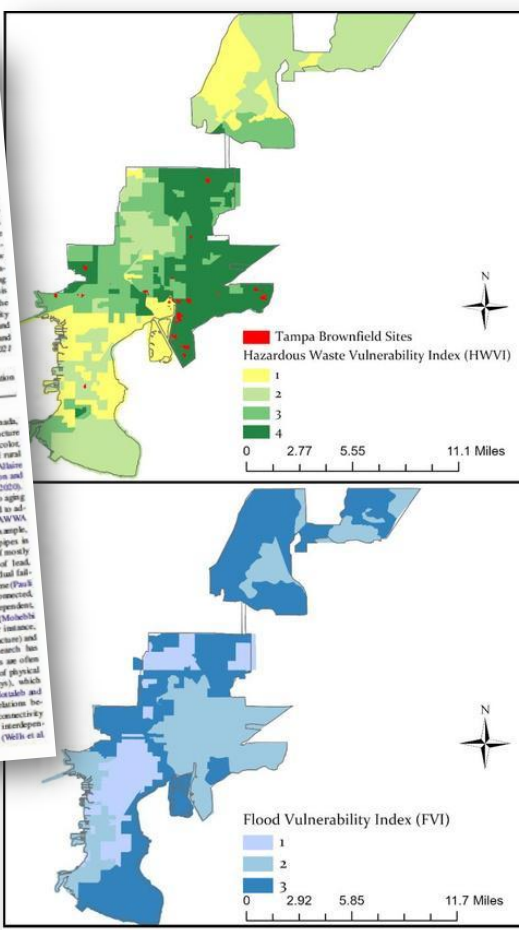
<sup>1</sup>Research Associate, Dept. of Anthropology, Univ. of South Florida, Tampa, FL 33620. ORCID: <https://orcid.org/0000-0002-4751-2182>. Email: [mjwakhungu@usf.edu](mailto:mjwakhungu@usf.edu)

<sup>2</sup>Ph.D. Candidate, Dept. of Civil and Environmental Engineering, Univ. of South Florida, Tampa, FL 33620. Email: [nahel@usf.edu](mailto:nahel@usf.edu)

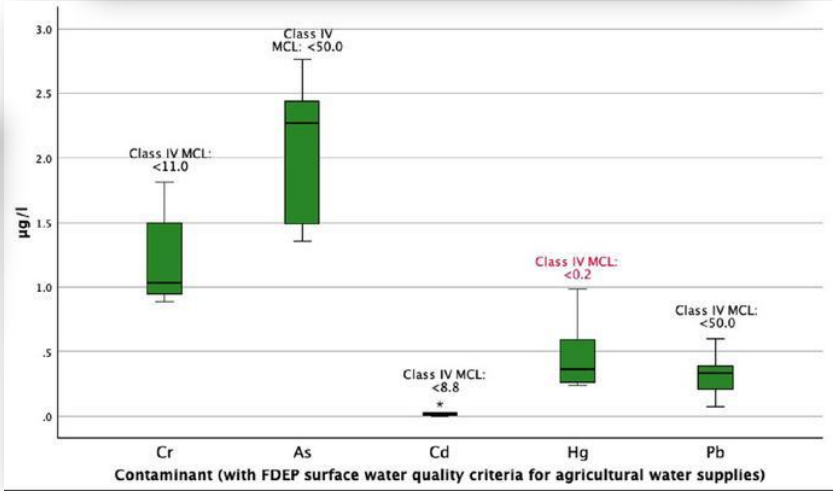
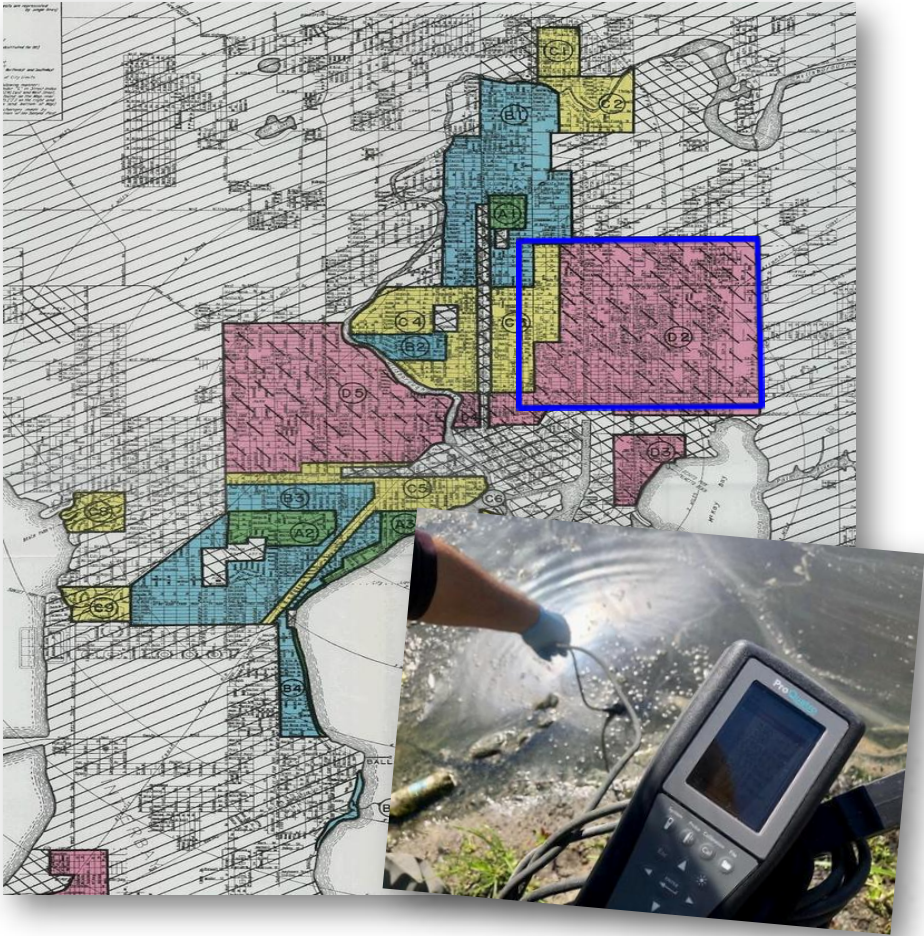
<sup>3</sup>Professor, Dept. of Anthropology, Univ. of South Florida, Tampa, FL 33620 (corresponding author). ORCID: <https://orcid.org/0000-0001-0000-0000>. Email: [ecwells@usf.edu](mailto:ecwells@usf.edu)

<sup>4</sup>Professor, Dept. of Civil and Environmental Engineering, Univ. of South Florida, Tampa, FL 33620. ORCID: <https://orcid.org/0000-0001-0000-0000>. Email: [qzhang@usf.edu](mailto:qzhang@usf.edu)

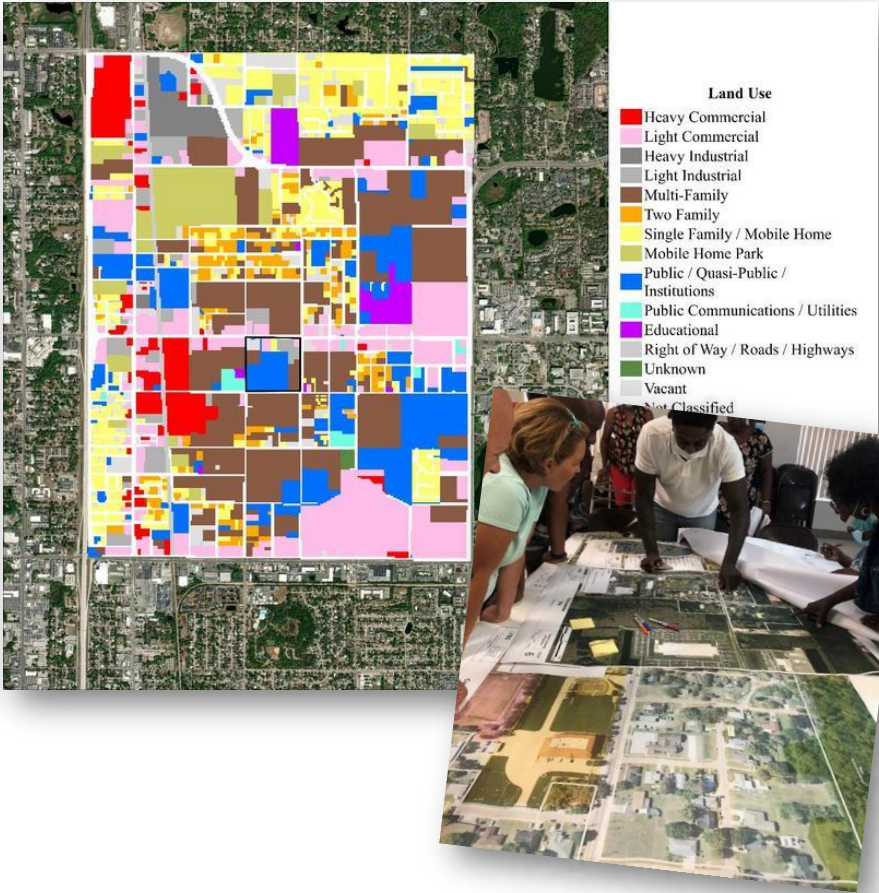
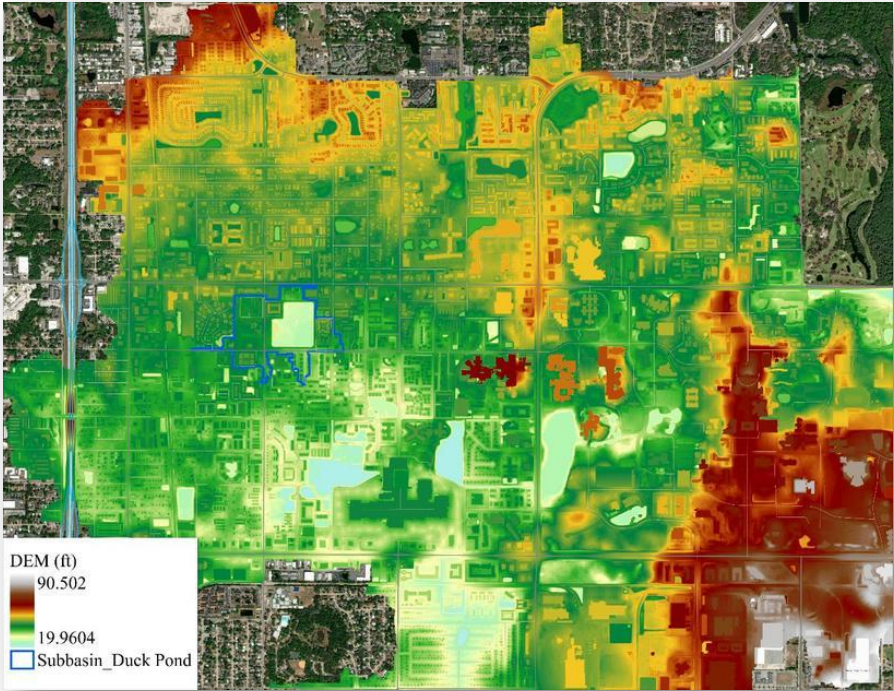
Note. This manuscript was submitted on February 25, 2021; approved for April 12, 2021; published online on July 15, 2021. Discussion period open until December 15, 2021; separate discussions must be submitted for individual papers. This paper is part of the *Journal of Environmental Engineering*, © ASCE, ISSN 1075-9702.



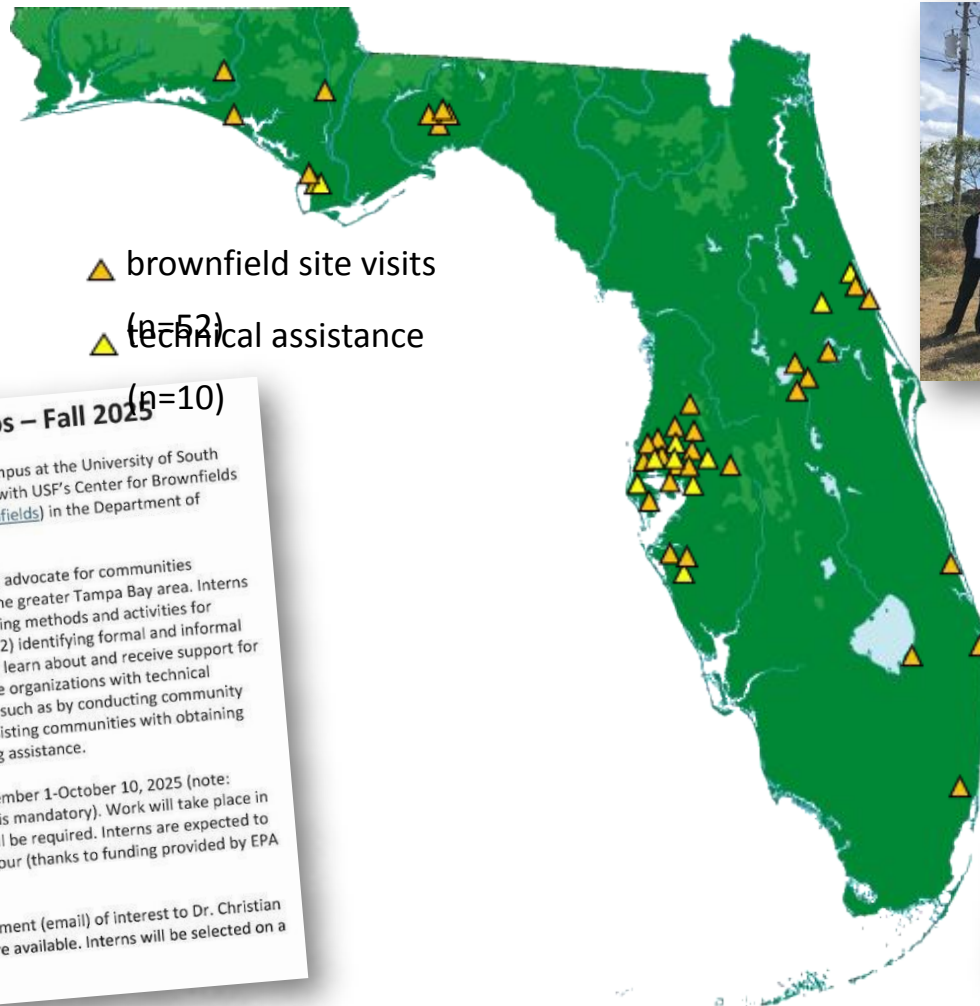
# Example: Supporting Research



# Example: Redevelopment Planning



# Brownfields Ambassadors Student Internships **RESULTS** NJIT **TAB**



▲ brownfield site visits

▲ (n=52) technical assistance

## Paid Student Internships – Fall 2025 (n=10)

Students (undergraduate and graduate) from any campus at the University of South Florida are invited to apply for a fall 2025 internship with USF's Center for Brownfields Research and Redevelopment (<http://usf.edu/brownfields>) in the Department of Anthropology, College of Arts and Sciences.

The internship trains students how to recognize and advocate for communities experiencing integrated brownfields challenges in the greater Tampa Bay area. Interns will conduct various activities, including: 1) developing methods and activities for locating communities with brownfields challenges; 2) identifying formal and informal community-based organizations that might wish to learn about and receive support for brownfields redevelopment; and 3) providing these organizations with technical assistance for brownfields redevelopment efforts, such as by conducting community workshops, preparing brownfields inventories, assisting communities with obtaining data for grant applications, and providing planning assistance.

The six-week long internship will take place September 1-October 10, 2025 (note: attendance at a training session on September 1 is mandatory). Work will take place in person and virtually; some travel to field sites will be required. Interns are expected to work approximately 10 hours per week at \$15/hour (thanks to funding provided by EPA R4 TAB: NJIT, <https://www.njit.edu/tab>).

To apply, send your resume/cv and a brief statement (email) of interest to Dr. Christian Wells, [ecwells@usf.edu](mailto:ecwells@usf.edu). Up to 10 internships are available. Interns will be selected on a rolling basis until June 1, 2025.





THANK  
YOU!

Reach out! [ecwells@usf.edu](mailto:ecwells@usf.edu)  
Learn more! [usf.edu/brownfields](https://usf.edu/brownfields)