



RCE
SASKATCHEWAN



ACKNOWLEDGED BY



Localizing the UN SDGs through Education, Training & Regional Collaboration

17 PARTNERSHIPS
FOR THE GOALS



Session 4: Building Bridges for Change

April 25, 2023

Welcome!

Please complete a row on Slides 2-6

Today's Facilitators



Roxane Wagner

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RCE Saskatchewan
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Tech Support

Introductions & Reflections - please complete a row...

First/Last Name + Email address if you'd like us to have it	In a brief phrase - why did you sign up for this course?	In a brief phrase - what is 1 thing sticking in your mind from the last 3 sessions?	In a brief phrase - what is 1 more thing sticking in your mind from the last 3 sessions?
Amanda Whittingham awhittingham@fanshawec. ca	To learn more about RCEs, how they are created, and best practices. To gain some insight and ideas that might help me overcome the barriers I continue to face when trying to move sustainability forward at my institution	It takes a village to implement lasting change, which is harder than it should be!	
Eric Sauerteig eric.sauerteig@ontariotech u.ca	Understanding the SDGs and how they impact my daily work.	There is a lot more going on around the world in regards to sustainability efforts than what I had taken for granted	People helping people, a real community based focus - applying the expertise that can be found in the local partners
Ken Bright ken.bright@ontariotechu.ca	Looking to understand more and how to adapt for use at the university	Learning how to help in our very small footprint.	Working with localized data.
Kat Marian kmarian@csustan.edu	Learn more about STARS reporting	Communication "is a fragile flower" needs to be relevant and addressing the audience via correct platform	The quality of data and its appropriate backup
Elizabeth Castillo eac@asu.edu	To meet kindred spirits and learn effective practices about resilience and sustainability in higher education	The importance of humility and deep listening, grounding these initiatives in co-creative practices	The kindness of people willing to share their stories and be open about success and what could work better

Introductions & Reflections - please complete a row...

First/Last Name + Email address if you'd like us to have it	In a brief phrase - why did you sign up for this course?	In a brief phrase - what is 1 thing sticking in your mind from the last 3 sessions?	In a brief phrase - what is 1 more thing sticking in your mind from the last 3 sessions?
Jennifer Ortega	Curiosity. Wanted to learn what a RCE was as I am not familiar with them.	Collaboration, organization, how to engage all the partners	Leadership & resources is what makes this work happen
Christie-Joy Hartman brodricj@jmu.edu	To gain insight and ideas	Replicable programs that my university might consider	Finding the resources
Katie Donnelly kdonnelly@minerva.edu	To learn more about what other institutions are doing to teach sustainability in more concrete ways- quantitatively as well as qualitatively. Measuring SDGs. RCEs are very interesting, particularly involving the wider community.	Collaborative programs, across departments but also community groups. How can you instigate these collaborations?	The Youth corp was interesting idea that brings students out of the classroom into the community and actually working on SDGs for the benefit of the community
Andrew Bernier andrew.bernier@uc.edu	I am interested in possibly pursuing RCE status for the greater Cincinnati region	Cannot go it alone, which is great.	Diversity of input and engagement is critical.
Kortni Wroten, kortni.wroten@umassmed.edu	Wanted to learn the best way to socially engage in sustainability initiatives. Understanding other viewpoints helps me to learn the best way to communicate and relate to others for sustainability projects.	Collaboration and creativity	How to replicate with limited resources
Isabel Savransky isabel.savransky@ontariotechu.ca	How to incorporate SDGs in student programming and getting more of the university aware of what they are.	The SDGs are a stepping stone in getting folks to think more about sustainability and social justice.	

Introductions & Reflections - please complete a row...

First/Last Name + Email address if you'd like us to have it	In a brief phrase - why did you sign up for this course?	In a brief phrase - what is 1 thing sticking in your mind from the last 3 sessions?	In a brief phrase - what is 1 more thing sticking in your mind from the last 3 sessions?
Lani St. Hill, mesthill@ncsu.edu	To learn more and better understand how to implement the global goals in our communities	There are many people across the world looking to make a difference	Utilization of localized data can help support community partnerships
Alejandra Enriquez Gates alejandra.enriquez@asu.edu	To learn more about the RCEs that have more experience in building relationships, partners and co-creating projects.		
Jay Bassett jaybassett@viridiscities.com	Interest in learning and connecting with other RCE's and how we can coordinate and work better together...		
Nitima Bhatia nitima02@yorku.ca	To learn more about how to infuse SDGs in teaching and learning at HEI	Action and collaboration	What does effective partnerships look like
Jessica Middleton middleton-jessica@aramark.com	Interested in sustainability and localizing the SDGs to Campus/	collaboration	How the different RCE's work
Anne Wiseman anne.wiseman@atu.ie	Interested in sustainability and any examples of localizing SDGs that we could use on our campus	collaboration	How effective and interesting all these initiatives are
Tracy Bhoola tbhoola@yorku.ca	To learn more about RCE partners and effective practices around infusing the SDGs	The shared ideas and initiatives that have been presented that have inspired me to think about collaborative partnerships to continue creating	The tech tools for data and how can I learn to use them and apply them to my

Building Bridges for Change

Agenda for Today's Session

15 min. (2:00-2:15)	Intros & Opening Remarks
20 min. (2:15-2:35)	Case Study Teasers
40 min. (2:35-55; 2:55-3:15)	Small Group Discussions - 2 rounds, 20 min. ea.
30 min. (3:15-3:45)	Full Group Conversation
15 min. (3:45-4:00)	Final Reflection



Building Bridges for Change - What is a Partnership?

“Strengthen the means of implementation and revitalize the global partnership for sustainable development”

- 19 targets, 24 indicators, loosely falling into 5 categories:
- Finance & Trade, Technology & Innovation, Capacity-building, Policy, **Partnership (17.6)**



Target

17.16

Enhance the Global Partnership for Sustainable Development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the Sustainable Development Goals in all countries, in particular developing countries

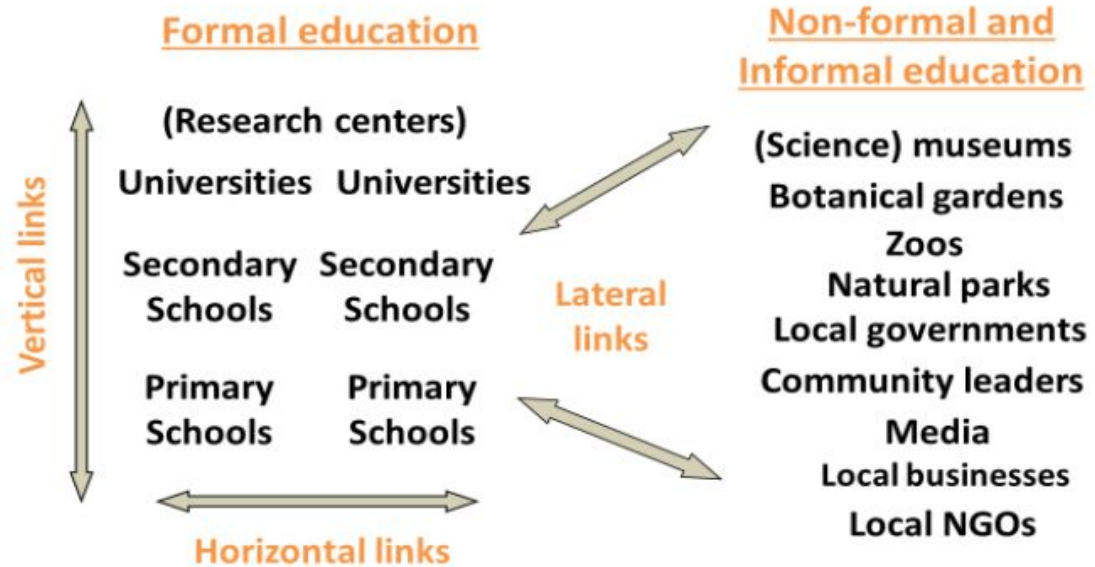
Indicators ▲

17.16.1

Number of countries reporting progress in multi-stakeholder development effectiveness monitoring frameworks that support the achievement of the Sustainable Development Goals

RCE Partnerships

Regional Centres of Expertise on ESD (RCEs)



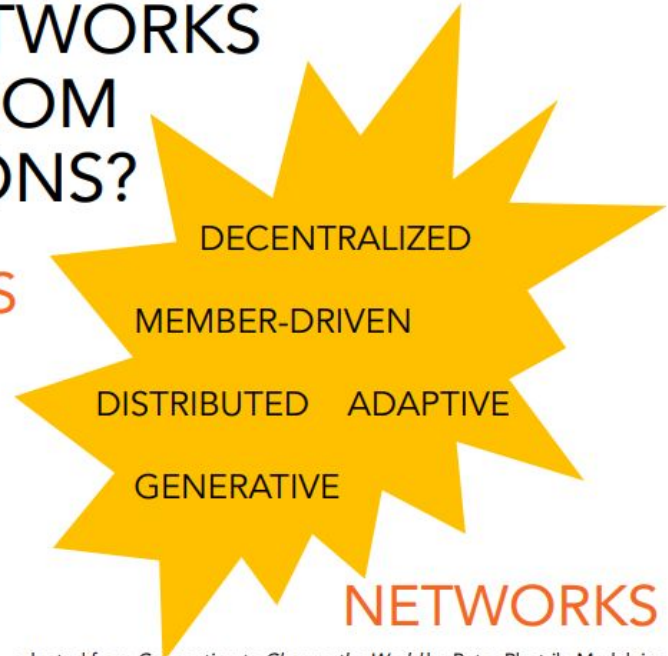


Building Bridges for Change - A Conceptual Framework

HOW ARE NETWORKS DIFFERENT FROM ORGANIZATIONS?

ORGANIZATIONS

- CENTRALIZED
- BOARD & STAFF DRIVEN
- HIERARCHICAL
- ADDRESSING SINGULAR ISSUES



adapted from *Connecting to Change the World* by Peter Plastrik, Madeleine Taylor, & John Cleveland. Learn more about Networks in this [Nonprofit Quarterly Article](#)



Building Bridges for Change - A Conceptual Framework

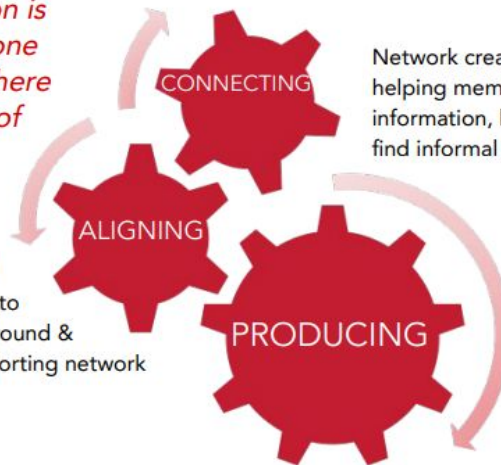
Network v. Organizational Mindsets

HOW SOCIAL IMPACT NETWORKS EVOLVE

adapted from *Connecting to Change the World* by Peter Plastrik, Madeleine Taylor, & John Cleveland



Network evolution is rarely linear nor one directional, but there are clear phases of development



Network creates value by helping members exchange information, build trust & find informal collaborators

Members build on connections to find common ground & commit to supporting network infrastructure

Network organizes towards joint action, requiring commitments & decisions on roles, responsibilities, measures of success.



Community Engagement on Potash Mining



RCE
SASKATCHEWAN

RCE Saskatchewan, April 25, 2023

Roxane Wagner, Havelock Special Projects Committee
Jill Forrester, RCE Communications and Facilitation

Issue: Proposed Potash Mine on Farm Land



Potash mine, Saskatchewan, Canada
Photo credit: 2005 Ron Garnett (Airscares)

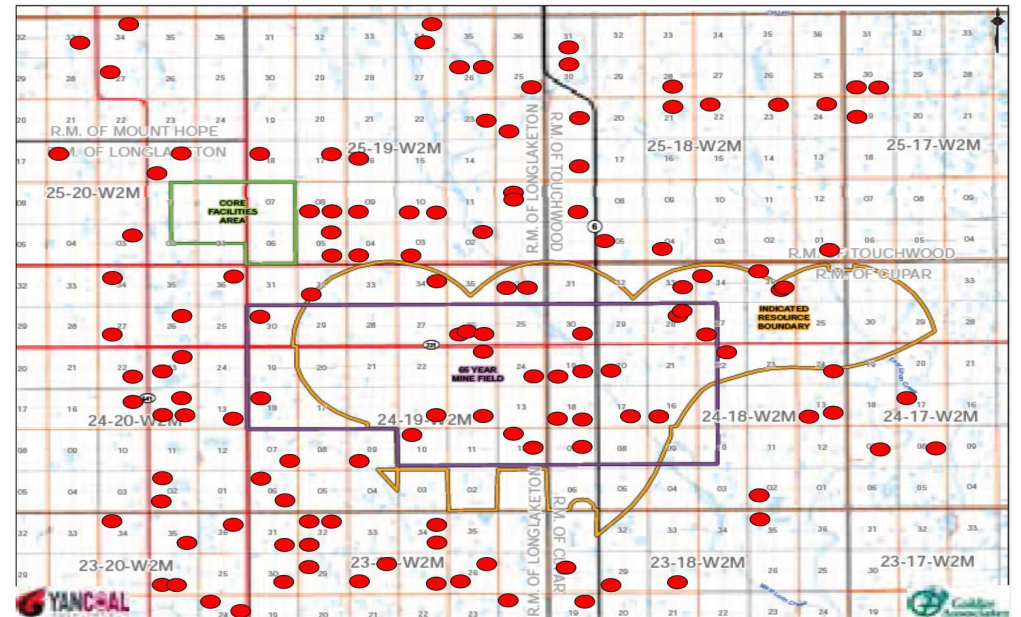


- Salt-like mineral used in fertilizer
- Saskatchewan is world's largest potash producer (30% of global production)
- China is the largest consumer at 20%
- Economic benefits - \$8.3 Billion GDP
- **Mining impacts: water use, traffic, land use**

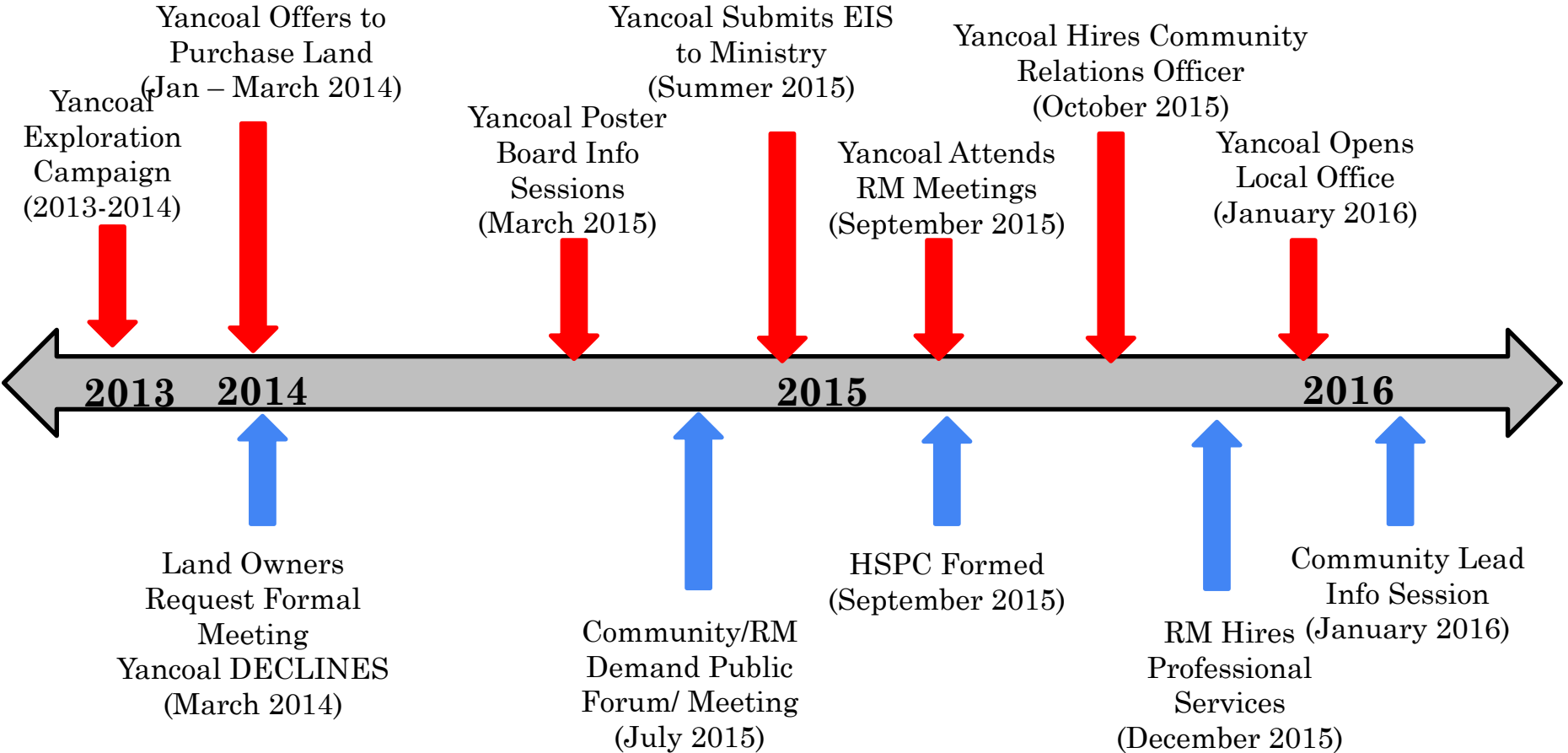
Impact on Area Residents

Population Count

129 homes within 5 miles = 326 People
(Red Dot = 1 family farm)



Timeline of Development



Who was Concerned/Who We Are

Havelock Special Projects Committee (HSPC)

Represent more than **20 families in the impacted project area**
(core facility, well field, access routes)

Our Mandate is to:

- Gather best practice research
- Provide an alternative view point
- Inform the public
 - public meetings, media, social media and information sharing.
- Stay connected with government officials on process.

Our Goal:

- To be recognized as the most impacted stakeholder group.
- To set the bar high for development so that people in the immediate project area are willing to grant social license and be comfortable living beside Yancoal for the next 100 years.

The Concerns We Documented

Social Concerns

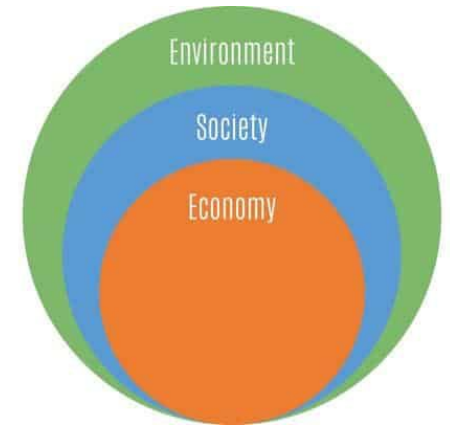
1. Yancoal has not achieved the confidence of the Havelock community, a key stakeholder, and does not have social license to proceed. This project has divided our community, pit residents against the RM, family against family, and nullified friendships. It has cultured an, “either you are for or against the mine” attitude.
2. **Public Engagement** - Meaningful public engagement should be participatory.
3. **Socio-Economic Impacts**
4. **Traffic**
5. **Socio-Cultural** - Our community has been forced to evaluate a highly complex project proposal in a short period without the necessary support.
6. **Heritage** - The beginning of this mine would be the last chapter in Havelock’s 100 year old heritage book.

Economic Concerns

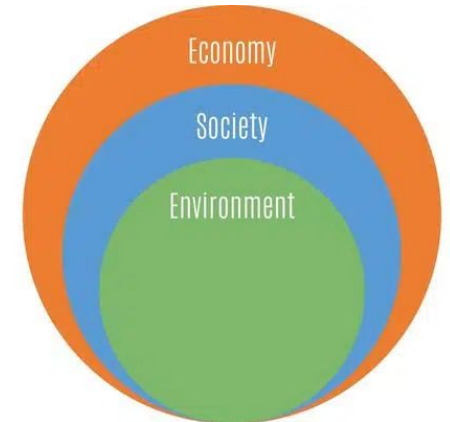
1. **Corporate Commitments** - Landowners want written guarantees to their concerns, with contingency plans with fully funded trust accounts in place prior to approval.
2. **Risk** - Should there be an environmental disaster what is the contingency and who pays?

Environmental Concerns

1. **Fish and Wildlife**
2. **Monitoring** – independent 3rd party should be responsible for the monitoring and reporting of all environmental impacts.
3. **Soils, vegetation and Air Quality** - What are the risks of salt spray to human, animal, soil, farmland, and plant health? How this to be monitored and what are the contingency plans?
4. **Subsidence** – the amount of subsidence exceeds the allowable limit – what is the impact to home and business?
5. **Hydrology /Hydrogeology** – What is the plan if ground and surface water are contaminated?



Nestled sustainability model



RCE Assistance: Goal Setting

Neutral Facilitator - Three Key Discussion Questions

1. What do we value about our community?
2. What concerns do we have about the proposed project?
3. What is our shared goal?



Benefits of RCE Network

- Validation and enhanced research
- Letter writing to governments; participation in meetings with mine developer
- New energy and hope
- Direction, focus
- A supportive community

Further Reading:

- United Nations University Publication: Chapter 1 of [Academia and Communities: Engaging for Change](#)
- All RCE and government letters on this topic: [RCE Saskatchewan Correspondence](#)



Community Engagement on Potash Mining: Discussion Prompts

- About how the RCE partners built trust and partnership
- The impact of the work
- The community engagement session
- The people who helped with the project

Community Engagement on Potash Mining Case Study Reflection

KEY TAKEAWAYS (agree on 1-2 from each discussion)
“How did the RCE help you do your work better and in different ways, with different impacts, than had you done it alone?”

QUESTIONS FOR FULL GROUP CONVERSATION - APPROPRIATE TO ALL CASE STUDIES
(agree on 1-2 from each discussion)

Crystallized a focus for a group of individuals that were already involved in caring for their community

How to apply the research and goals of the community

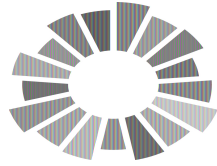
The importance of community-led efforts

Raising awareness and helping political leaders see and think about long-term quality of life implications, e.g. aquifer

Wondering what role, if any, RCE has with lobbying



Want to second an idea already on a post-it? Put a pin on it!



RCE
GREATER ATLANTA



**CENTER for
SUSTAINABLE
COMMUNITIES**

Collaborating for Environmental Justice: Advancing the **EPA Environmental Justice Academy** through a Partnership with RCE Greater Atlanta



ENVIRONMENTAL JUSTICE ACADEMY
Green Workforce Development
ChiQuita C. George

Organization/Community Background
Initiative for Affordable Housing, Inc. (IAH) is a non-profit helping businesses and low-income families in metro Atlanta secure housing by providing social services, counseling, and training. Some of the program participants are occupying foreclosed houses without destroying 21 families by entering as a job when through IAH's re-leasing initiative. Through IAH and Georgia Power, the program is located in the affluent city of Atlanta, Georgia and is 80% Black, 20% female and 100% below the poverty level.

Mission / Vision
Vision: Create a sustainable community and environment by growing the green-colored workforce in the areas of energy efficiency, green construction, and renewables.
Mission: Provide professional development training, education and resources for green workforce development.

Goal
Expand the green workforce development of IAH construction, and renewables so they can potentially impact their communities environmentally and financially.

Assumptions
- 10 participants are housing program (10 total)
- 4 weeks construction training
- 3-day jobsite training

Action Steps
- Research and identify similar initiatives
- Benchmark feeder pools and training programs
- Develop relational mapping
- Seek partnerships (sponsors, volunteers, donations, hosts, and collaborations within the community)
- Establish funding and volunteer targets
- Develop green education awareness seminar and training program

Acknowledgements
Initiative for Affordable Housing, Inc. and Georgia Power

Time Frame

Year	Start	End	Activity
2011	Q1	Q2	Project between on-site field and on-site approval
2011	Q3	Q4	Green workforce engagement and on-site on energy training
2011	Q1	Q2	On-site research and preparation of green jobs
2011	Q3	Q4	On-site green and disaster relief
2011	Q1	Q2	On-site on-site green training
2011	Q3	Q4	On-site on-site green training program

Financing

Training, instruction, & materials	\$14,000
Travel/training	\$300
Transportation to job site	\$1,000
Training	\$200
Training during training	\$1,000
Travel	\$1,000
Business registration/fees	\$500
Other materials	\$17,200
Total	\$37,200
Project Total (\$ Training Programs)	\$51,600

Project Partners
City of Atlanta, Georgia Power, Initiative for Affordable Housing, Inc., Georgia Power, Georgia Power, Georgia Power, Georgia Power, Georgia Power



What is Environmental Justice?



Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. This goal will be achieved when everyone enjoys:



[Read the Factsheet about the EPA's Office of Environmental Justice.](#)

- The same degree of protection from environmental and health hazards, and
- Equal access to the decision-making process to have a healthy environment in which to live, learn, and work.

Still have questions? [Contact your Regional Staff.](#)



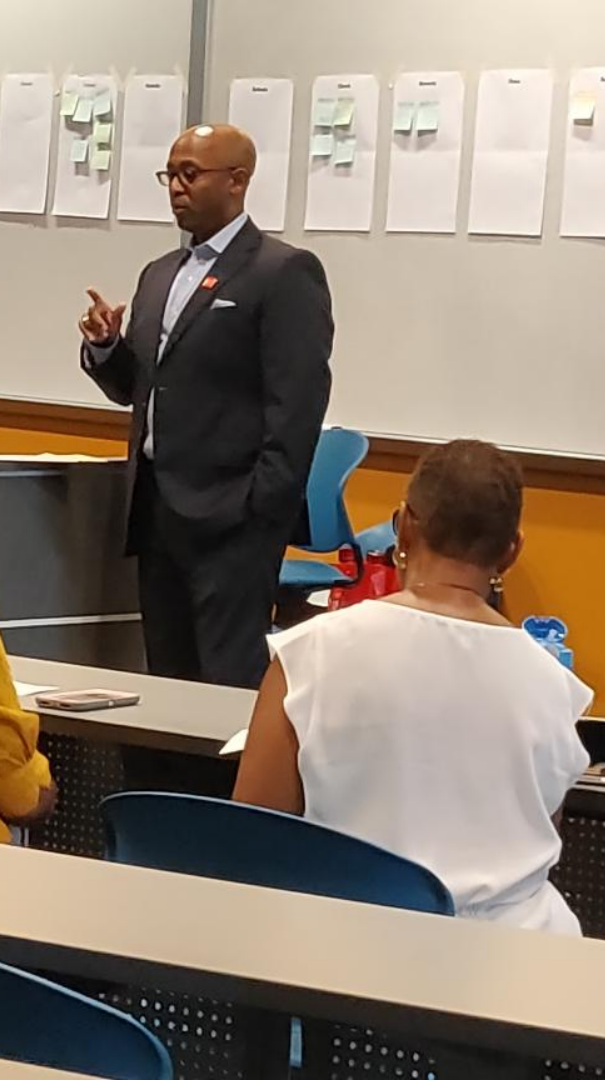
Fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

This goal will be achieved when everyone enjoys:

- The same degree of protection from environmental and health hazards, and
- Equal access to the decision-making process to have a healthy environment in which to live, learn, and work.

On April 21, an [Executive Order established the White House Office on Environmental Justice](#)

<https://www.epa.gov/environmentaljustice>



Partnership Background

- US Environmental Protection Agency and RCE Greater Atlanta partnered to launch the EJA in Region 4
- US EPA approached the RCE to manage and sustain the program
- EPA and RCE collectively formulated strategy to design and build out course
- Course designed to fill leadership void in communities related to EJ
- Nearly 30 participants from several Southeastern States convene at Atlanta Metropolitan State College (AMSC)
- Funding was obtained via the RCE from Turner Foundation to support consultant work
- EPA, RCE and invited experts led participants through a series of 9 modules. EJA participants cultivate skills to identify environmental challenges and accomplish environmental improvement goals in their communities.
- EJA encourages collective problem-solving with local government, small businesses, academic institutions, and industry to create a shared vision among different stakeholders so that all parts of a community have a voice in addressing local environmental concerns
- More than 100 participants to date



Academy Goals

1. Teach residents how to leverage human, social, intellectual, technical, legal, and financial resources to make long-term progress in a community
2. Teach residents techniques to use consensus-building processes and skills to help ensure successful collaboration and negotiations
3. Increase capacity to address communities' environment and public health issues
4. Advance beyond a basic understanding of EJ and environmental regulations
5. Create worthwhile projects to implement in communities



Academy Outcomes

Participants ...

- Completed community portfolios, to assist in securing funding, identifying community resources and challenges and establishing credibility among stakeholders
- Completed action plans to guide organizational activities
- Identified and secured potential partners to assist with addressing their challenges
- Networked with regional community leaders
- Received individualized feedback, guidance, and assistance from a variety of experts, from EPA and other organizations
- Produced projects to mitigate EJ impacts



What's Next

- New Biden Executive Order enhancing regulations related to EJ
- New federal EJ initiatives including Justice 40
- National EJ Academy
- New HBCU-centered EJA
- Atlanta Metropolitan State College and Center for Sustainable Communities collaborating to create National EJ Institute (NEJI)
- Research and applied science facility to provide a broad range of technical assistance to mitigate EJ issues
- Acting as consultants to help research best practices among existing EJA projects as a strategy for future growth across the nation



Value of EJA-RCE Partnership

- Provided a platform for the collaborative to exist: a nurturing, trusted environment
- Served as a springboard for multi-stakeholder collaboration - including higher education
- Brought in funding (Turner Foundation grant)
- Led to incorporating the SDGs into the program - including the guiding framework
- Demonstrated ability to scale - generated interest across the country
- For RCE Greater Atlanta - centered equity, justice, and community leadership as core to advancing the SDGs
- Expanded reach and impact (ex: on next slide - Chuck Barlow took EJA via RCE, which led to HSAAT EPA and now GT partnership)



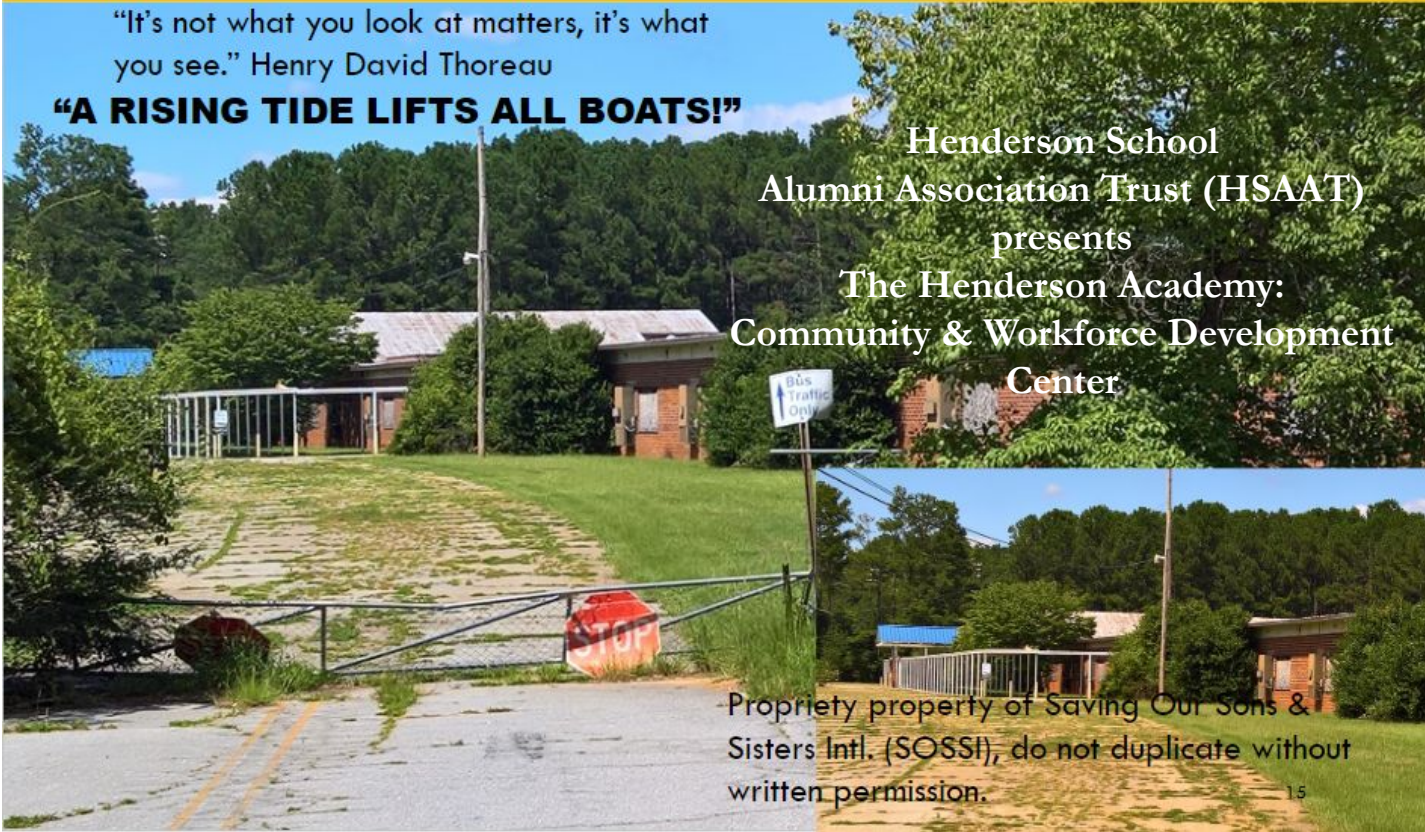
The Old Henderson High School

(A Community Opportunity- 29 Acres and Facilities Currently Lies Vacant And Deteriorating.)

“It’s not what you look at matters, it’s what you see.” Henry David Thoreau

“A RISING TIDE LIFTS ALL BOATS!”

Henderson School
Alumni Association Trust (HSAAT)
presents
The Henderson Academy:
Community & Workforce Development
Center



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Collaborating for Environmental Justice

Learn More!

Helpful Links:

- [Environmental Justice Academy Launches](#)
- [EPA Celebrates National Environmental Justice Academy](#)
- [Environmental Justice Academy 2023](#)
- [Executive Order April 21](#) establishing White House Office of Environmental Justice
- [EPA Collaborative Problem Solving](#)
- [EPA Environmental Justice](#)
- [Reducing Inequalities and Empowering Youth through the Multi-Stakeholder SDG Network, RCE Greater Atlanta](#)

Collaborating for Environmental Justice

Case Study Discussion Prompts

EJ Academy/EJ Projects

- Please share more examples of community projects developed by EJ participants.
- The EPA has its own model for partnerships called Collaborative Problem Solving. How does CPS work?
- Let's discuss a few examples of projects that blend EJ and technology applications.

The Evolution of Environmental Justice

- Let's talk more about what's happening with EJ at the federal level in the U.S. right now and how that is impacting local EJ organizations and work.
- How will this impact the EJA?
- Where can I get funding opportunities for environmental justice projects?

RCE Collaborations

- How is the EJ Academy integrating the SDGs in ways that help residents advance local EJ projects?
- How can RCEs support this work?
- How can higher education institutions best support community-driven EJ work?
- How can I get my school to see Environmental Justice as an issue and act on it?

APRIL 13 | 9AM
2019 TO 5PM

WXMEN IN ENVIRONMENTAL JUSTICE STUDENT SUMMIT

SPELMAN X AGNES SCOTT

PANELS + SPEAKERS CAREER HUB WORKSHOPS

AGNES SCOTT
COLLEGE
CAMPBELL HALL

141 E. College Ave
Decatur, GA 30030



ENVIRONMENTAL JUSTICE ACADEMY
Green Workforce Development
ChiQuita C. George

Organization/Community Background

Initiative for Affordable Housing, Inc. (IAH) is a non-profit building homeless and low-income families in their Atlanta secure housing by providing social services, employment and job training. Some of the program participants are recycling (Creative reuse without destroying) 75 bottles by wearing a 3.5oz. single-ounce IAH's 'No Caden Initiative'. Prince Anandale is a property owned by IAH and provides affordable housing. Prince Anandale is located in the affluent city of Anandale Estates but in daily lack of 99% female and 100% below the poverty level.

Mission / Vision

Vision: Create a sustainable community and environment by growing the green-collared workforce in the areas of energy efficiency, green construction and renewables.

Mission: Provide professional development training, education and resources for green workforce development.

Initiative for Affordable Housing, Inc. and Georgia Power

Goal

Expand the green workforce development of IAH in the areas of energy efficiency, green construction, and renewables so they can positively impact their community environmentally and financially.

Assumptions

- 10 participants per training program (30 total)
- 3-week classroom training
- 2-day onsite training

Action Steps

- Research and identify similar initiatives
- Benchmark feeder pools and training programs
- Develop relational mapping
- Seek partnerships (sponsors, volunteers, donations, hosts, training development, etc.) and collaborations within the community
- Establish funding and volunteer targets
- Develop green education awareness seminar and training program

Acknowledgements

Time Frames

Year	Start	Task
2017	02	Project business case IAH Board and staff support
2017	03	Develop outside engagement and partnership outreach means
2017	04	Secure sponsorship/contract of green job
2017	05	Classroom phase and location request
2017	06	Classroom phase and job training program
2017	07	Launch the launch of green training program

Financing

Training instructor's fee	\$14,000
Materials	\$500
Vehicle fuel/training	\$500
Transportation to job site	\$1,000
Catering during training	\$2,000
and	\$1,000
Business writing/printing	\$500
green workshop	\$12,200
Total	\$35,000
Percent Total EJ Training (programs)	\$25,000

Financial Backers:

- City of Anandale Estates - 100% resource
- GreenSource, Inc. - 100% resource
- GreenSource, Inc. - 100% resource
- GreenSource, Inc. - 100% resource
- GreenSource, Inc. - 100% resource
- GreenSource, Inc. - 100% resource

ATL EJA Case Study Reflection

KEY TAKEAWAYS (agree on 2 from each discussion)

“How did the RCE help you do your work better and in different ways, with different impacts, than had you done it alone?”

QUESTIONS FOR FULL GROUP CONVERSATION -
APPROPRIATE TO ALL CASE STUDIES
(agree on 1-2 from each discussion)

We need to band together to learn from others and not all go in the same quick sand

The partnerships and being able to share resources and ideas.

Do ppl doing all this have little kids? How do you find the time?

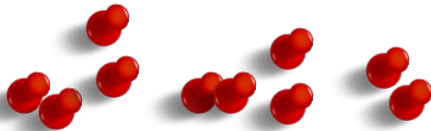
How do we identify who to work with if we're in a very rural area?

Brokering function, bringing together partners from all sectors; EJ lens to align with federal opportunities and frameworks to meet local aspirations and needs

Help make connections with the different levels of expertise/ grants-resources/ identification of possible solutions.

Is RCE participation generally reactive? When do RCEs push and set the stage?

Want to second an idea already on a post-it? Put a pin on it!



Preventing the Drainage of a Salt Water Lake into Fresh Water Lakes: The Quill Lakes Flood



RCE
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RCE Saskatchewan, April 25, 2023

Aura Lee MacPherson, Calling Lakes Ecomuseum

Chuck Deschamps, Ducks Unlimited Canada

Who We Are



We are a grass roots organization that focuses on the **water quality** in the Qu'Appelle lakes - River system in Saskatchewan, Canada. We base our decisions on the 17 SDG's. We hold Water Festivals, walk in the First Nations Treaty Four Pow Wow parade, meet with Provincial and Municipal Governments and connect with University researchers. NGO's, and other stakeholders.

Our Beginning: A Focus on Water Quality and Flooding Concerns



Extreme water levels at Crooked Lake cause major damage to cabins

CBC News · Posted: Jul 03, 2014 11:02 PM CDT | Last Updated: July 3, 2014



Little did we know our journey was starting just when the Quill Lakes began flooding.



We couldn't do it alone:

We reached out when we heard about the Quill Lakes Drainage Diversion

Stakeholders Involved:

- Saskatchewan Environmental Society
- Nature Saskatchewan
- New Democratic Party – Official Opposition
- Round and Crooked Lake Flood Committee
- Citizens Environmental Alliance
- Calling Lakes Planning District Planning Commission
- Fill Hills Qu'Appelle Tribal Council
- Pasqua First Nations
- University of Regina Biology Department- Dr Peter Leavitt
- Fort Qu'Appelle Lions Group
- Lumsden Lions Group
- RCE – Dr Garth Pitchard
- Donations from private citizens
- Lower Qu'Appelle Water Shed Stewards
- Ducks Unlimited Canada



Ducks Unlimited Canada: Partner in Conservation

Ducks Unlimited Canada (DUC) is the leader in wetland conservation. A registered charity, we partner with landowners, government, industry, and other non-profit organizations to conserve wetlands that are critical to waterfowl, wildlife and the environment.

Since 1938, DUC has been working with landowners, farmers and ranchers in Saskatchewan. Sister organizations DU Inc. in the USA and DU Mexico.



Saskatchewan's First project
Waterhen Marsh, Kinistino, SK



Ducks Unlimited Canada
CANADA'S CONSERVATION COMPANY

We're Guided By Science

DUC is committed to the UN's Water Action Agenda and Sustainable Development:

DUC committed to conserving over 500,000 acres of habitat and influencing over 50 million acres.



We deserve clean water.

Clean water. As nature's water filters, wetlands play a key role in keeping our water clean.

Protect wetlands.

Ducks Unlimited Canada **ducks.ca**



IWWG

We're Committed to Conservation

Wetlands are not just a water hazard.

Wetlands provide...



Clean water

As nature's water filters, wetlands play a key role in keeping our water clean.



Recreation spots

Natural beauty and serenity make wetlands the ideal place to relax or have fun.



Abundant wildlife

Wetlands are among the most diverse and vibrant ecosystems on our planet.



Flood control

Wetlands absorb excess water like giant sponges, helping reduce flooding.



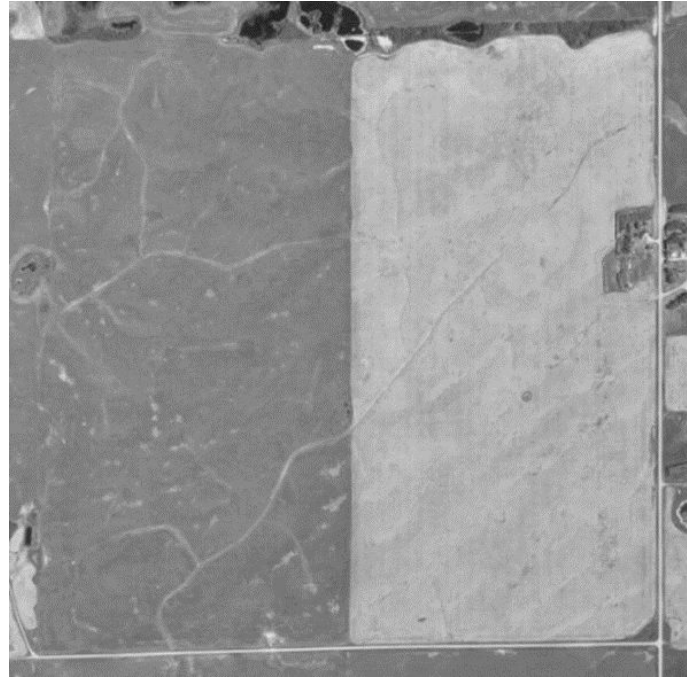
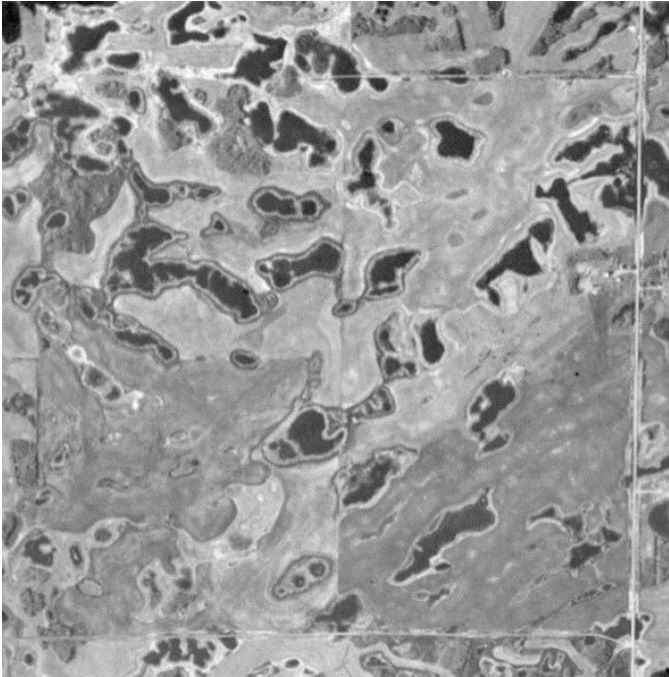
Ducks Unlimited Canada

Protect wetlands.

ducks.ca

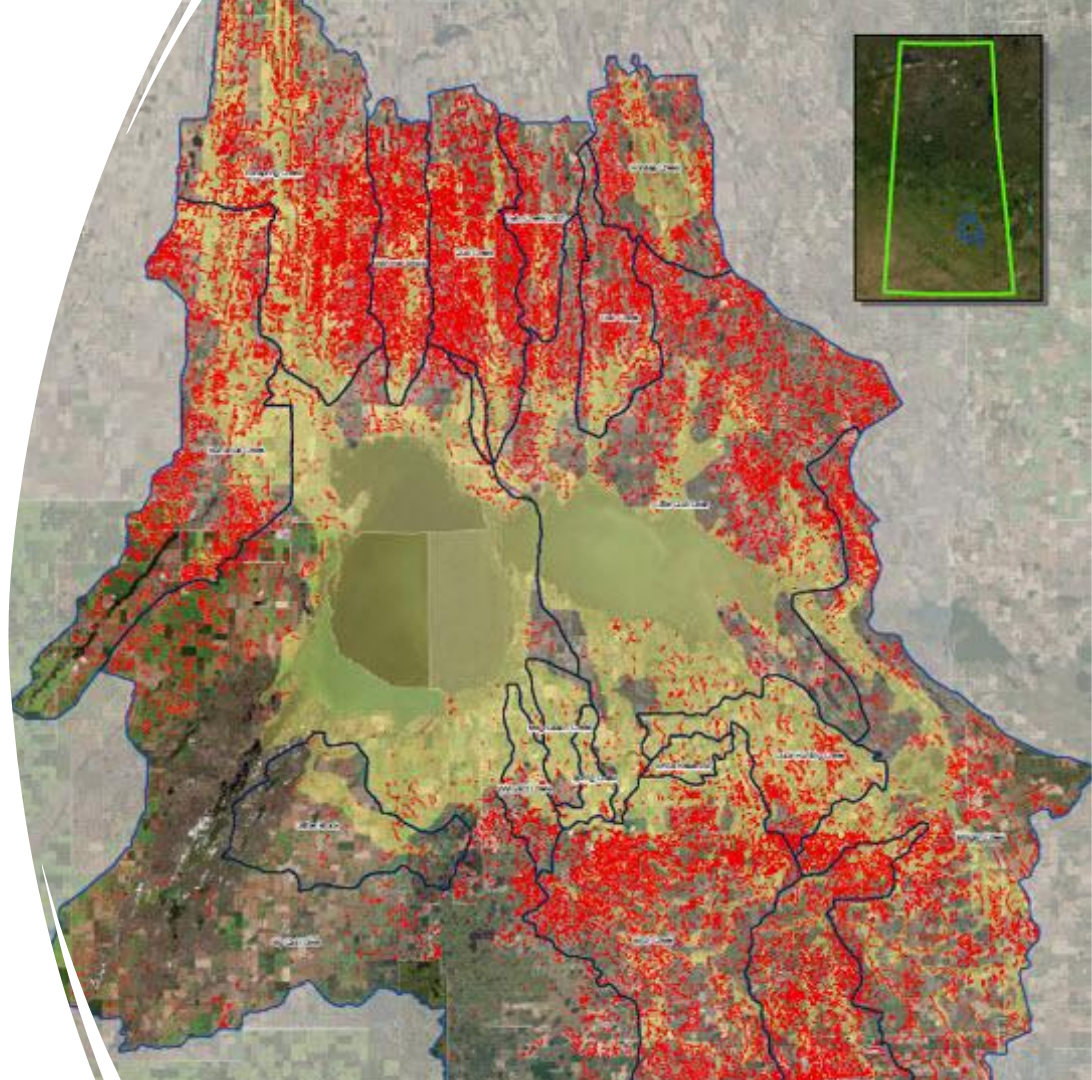
What does Wetland Drainage look like?

Globally 64% of the world's wetlands have disappeared since 1900



Ducks Unlimited Canada: Canada's Leader in Wetland Conservation

- DUC's is non partisan and we seek partnership over conflict
- Initially began dialogue with CLEM around the role that wetlands play in maintaining water quality in Qu'Appelle Lakes.
- Worked with SK Government to evaluate water storage options in the watershed.
- Evaluated the extent of wetland loss in the Quill Lakes Watershed.
- Educated CLEM and other stakeholders on the importance of wetlands



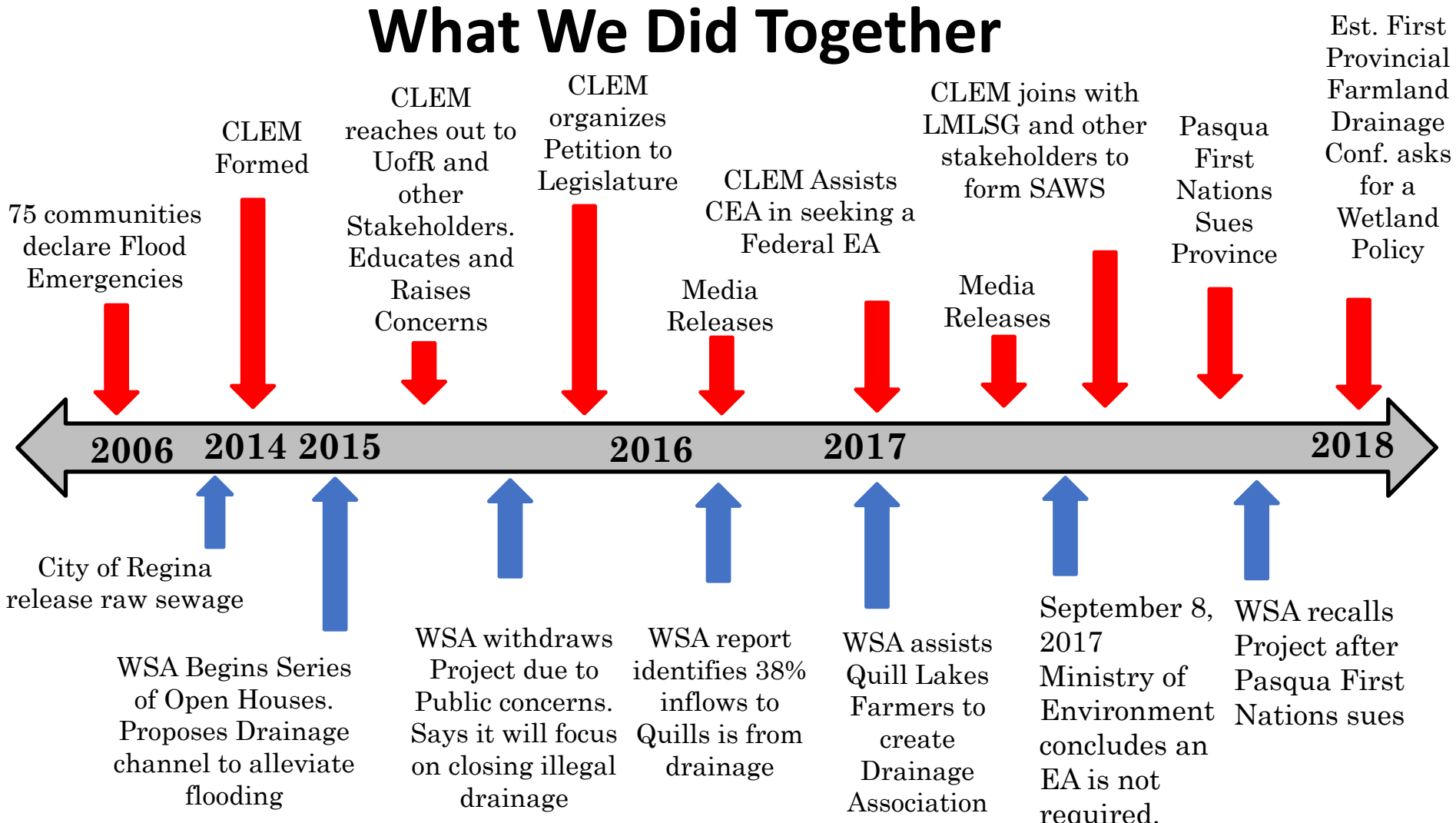
The Quill Lakes Flood: Background

- Years of high precipitation combined with wetland drainage resulted in the Quill Lakes rising 7 meters flooding 90,000 acres of farmland and pasture.
- Flooding threatened Provincial highways and rail lines.
- Government considers options:
 - a 25 km drainage channel sending salt flood waters into Last Mountain Lake and Qu'Appelle lakes.
 - Inject it into the ground
 - Close drainage works
 - Use salt water for potash mining
- Many questions about impacts on fresh water fish and other wildlife, and *Last Mountain Lake Migratory Bird Sanctuary*.



Regina Beach, Last Mountain Lake

What We Did Together



What We Did Together



Treaty Four Governance Center Pipe Ceremony November 2017



Saskatchewan / Politics / Local News

Pipe ceremony held in Fort Qu'Appelle in honour of water sustainability

About 80 people attended a pipe ceremony at the Treaty 4 Governance Centre in Fort Qu'Appelle on Tuesday, which was held to raise awareness of a project proposed by the Quill Lakes Watershed Association.

Ashley Martin • Regina Leader-Post

Published Nov 07, 2017 • 3 minute read

Join the conversation



Aura Lee MacPherson (right) listens as Wendell Starblanket speaks after a pipe ceremony held at the Treaty Four Governance Centre in Fort Qu'Appelle, which was held to raise public awareness regarding the Quill Lakes Watershed Authority's proposed diversion project. PHOTO BY TROY FLEECE / Regina Leader-Post

What We Did Together

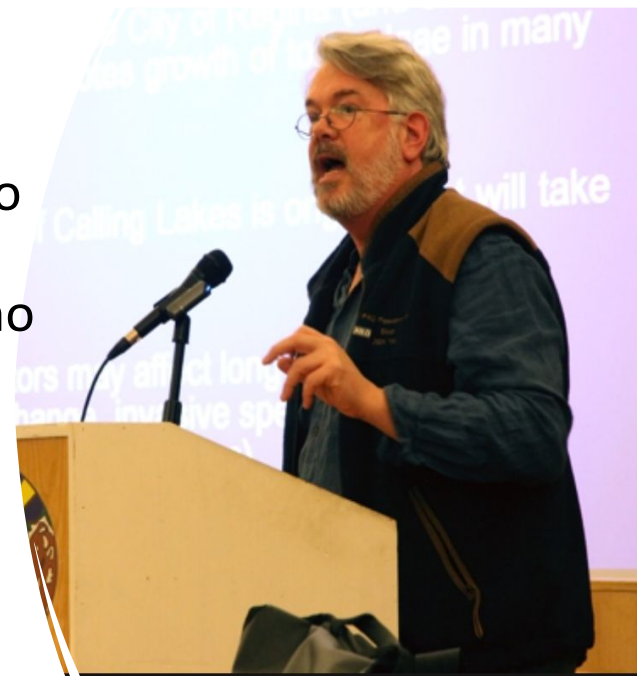
RCE Scholars and Partners: Analysis, Letter Writing, Presentations, Communication



- No opportunity or consideration for scholarly input into proposed drainage plan
- Errors in Provincial Government's determination to not require an Environmental Impact Assessment (failure to follow own criteria)
- Quill Lakes organization proposing drainage not structurally accountable to those who would be impacted (Last Mountain Lake) and to facilitate ongoing wetland drainage (farmers didn't want to stop draining)
- Threatened the Oldest bird sanctuary in North America at north end of Last Mountain Lake where water would be drained into

Why it Worked

- Broad range of partners - everyone brought what they were good at.
- Organizational Partners with history and expertise
- News Articles, letters to Government, Editorials, Social Media and other forms of communications
- Stronger together: Grassroots formation of SAWS to protect all lakes
- Calling Lakes Ecomuseum had freedom to speak - no funding
- RCE brings public trust, credibility from academics, networking, freedom (no funding ties)



Results We Achieved:

- Petition calling for an EA for the proposed Drainage Channel
- Education of stakeholders as to what was at stake.
- Request to Government of Canada to require an Impact Assessment
- Government of Canada did not rule out a federal Environmental Assessment, putting pressure on drainage proponent who had crafted proposal to avoid triggering a federal assessment
- Freedom of Information Documentation obtained show too close a relationship between project proponent (Quill Lakes Watershed Association) and Sask. Gov't (regulator)
- Legal assessment of proposal for Pasqua First Nations showing failures in consultation and due process and likely court action if project proceeded
- Project proposal withdrawn so federal government did not need to make a final ruling on an Environmental Impact Assessment

Resources: Want to learn more?

- Calling Lakes EcoMuseum:
<https://alliance2030.ca/members/chair-of-the-calling-lakes-ecomuseum/>
<https://www.facebook.com/CallingLakesEcomuseum>
- Ducks Unlimited Canada: www.ducks.ca
- Mitigation Options for the Quill Lakes Flood:
<https://www.wsask.ca/about/quill-lakes/>
- Salty Quill Lakes at risk of overflowing into Last Mountain 2015
<https://globalnews.ca/news/2170346/salty-quill-lakes-at-risk-of-overflowing-into-last-mountain/>

Resources: Want to learn more?

- Quill Lakes and Freedom of Information Request:
<https://www.skael.ca/?p=965>
- YouTube Webinars on Farmland Drainage and their impacts:
<https://www.youtube.com/@citizensenvironmentalallia8560/videos>
- Quill Lakes Flood Webinar:
<https://www.youtube.com/watch?v=Zfls86tDMRk>
- Saskatchewan Needs Wetlands to be Resilient:
<https://theconversation.com/to-be-resilient-the-canadian-prairie-needs-lots-of-wetlands-168178#>

Resources: Want to learn more?

- [Quill Lake flood diversion proposal sunk in Saskatchewan after public feedback](#)
- CTV News Video: Quill Lakes Flood
<https://regina.ctvnews.ca/video?clipId=458406>
- CTV News Video: Residents Concerned
<https://regina.ctvnews.ca/video?clipId=1253325>
- CTV News Video: Public Consultation Needed
<https://regina.ctvnews.ca/video?clipId=1246820>
- CTV News Video : Plan could spark lawsuit:
<https://regina.ctvnews.ca/video?clipId=1260654>
- CTV News Video: Quill Lakes facing More Hurdles:
<https://regina.ctvnews.ca/quill-lakes-drainage-facing-more-hurdles-1.3776087>

Preventing the Drainage of a Salt Water Lake into Fresh Water Lakes: The Quill Lakes Flood: Discussion Prompts

Questions

How do you build relationships?

Is SDG #17 the super hero the world needs?

Saskatchewan Illegal Drainage Case Study Reflection

KEY TAKEAWAYS (agree on 2 from each discussion)

“How did the RCE help you do your work better and in different ways, with different impacts, than had you done it alone?”

RCE helped us understand the SDG's.

Helped to build networks and create coalitions.

RCE helped us connect with others

RCE helped us band together for greater success

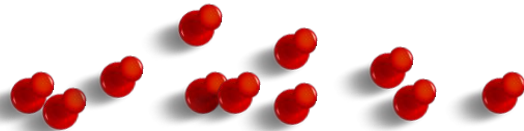
QUESTIONS FOR FULL GROUP CONVERSATION - APPROPRIATE TO ALL CASE STUDIES (agree on 1-2 from each discussion)

How do you create a network of volunteers?

How do you create community awareness and capacity within networks?

How to encourage people to participate / volunteer?

How do you set people up for success?



Want to second an idea already on a post-it? Put a pin on it!

Small Group Discussions



SAMPLE Case Study Reflection slide

KEY TAKEAWAYS (agree on 2 from each discussion)
“How did the RCE help you do your work better and in different ways, with different impacts, than had you done it alone?”

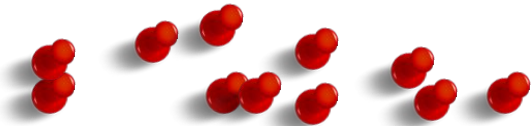
**QUESTIONS FOR FULL GROUP CONVERSATION -
APPROPRIATE TO ALL CASE STUDIES**
(agree on 1-2 from each discussion)

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Want to second an idea already on a post-it? Put a pin on it!

Questions to Consider for Full Group Discussion

How do you set people up for success?

How do we identify who to work with if we're in a very rural area?

How do you create a network of volunteers?

How to encourage people to participate / volunteer?

How do you create community awareness and capacity within networks?

Is RCE participation generally reactive?
When do RCEs push and set the stage?

Wondering what role, if any, RCE has with lobbying

Do ppl doing all this have little kids? How do you find the time?

Final Reflection: 3-2-1 Lightning Chat



I will ask you a question



Type your answer in the chat



But don't press ENTER until I tell you to do so!
Then we will all send our answers at the same time.

Lightning Chat - “3”



What are **3 moments or key takeaways** from today’s session that are sticking in your mind



Share **1 (one)** of them in the chat



But don’t press ENTER until I tell you to do so!
Then we will all send our answers at the same time.

Lightning Chat - “2”



What are **2 ways** in which today’s session expands or challenges something you learned in an earlier session?



Share **1 (one)** of them in the chat



But don’t press ENTER until I tell you to do so!
Then we will all send our answers at the same time.

Lightning Chat - “1”



What is **1 action implication** from today’s session - what do you want to do, or think about doing, differently in your work or life based on something you learned?



Share **1 (one)** of them in the chat



But don’t press ENTER until I tell you to do so!
Then we will all send our answers at the same time.

Thank You!



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