

Tuesday, May 02, 2023

webinar



and the Sustainable Development Goals



WEBINAR

Integrating the UN Sustainable Development Goals (SDGs) into your work in Niagara

Tuesday, May 02, 2023

10:00 to 11:00 am





Welcome and Agenda

- Land Acknowledgement
- Living in Niagara and the SDGs Mary Wiley, Knowledge Mobilization Lead, Niagara Connects
- Practical Ways people at Niagara College and Brock University are integrating the UN Sustainable Development Goals (SDGs), into their work in Niagara
- Taryn Wilkinson, Manager of Sustainability, Niagara College
- Jocelyn Baker, Researcher for UNESCO Chair (Liette Vasseur) on Community Sustainability, Brock U.; Environmental Science Professor, Niagara College
- Questions and Answers
- Wrap-up and Next Steps





Land Acknowledgement

We acknowledge that the land on which we gather is the traditional territory of the Haudenosaunee and Anishinaabe peoples, many of whom continue to live and work here today.

This territory is covered by the Upper Canada Treaties and is within the land protected by the Dish With One Spoon Wampum agreement.

Today this area is home to many First Nations, Métis, and Inuit peoples; and acknowledging reminds us that our great standard of living is directly related to the resources and friendship of Indigenous peoples.





Living in Niagara and the UN Sustainable Development Goals **Community Learning Series**

SUSTAINABLE GALS DEVELOPMENT





































Webinar #1 - Jan. 24/23 – access recording & resources at: https://niagaraknowledgeexchange.com/resources-publications/living-in-niagara-and-the-sustainable-development-goals-event-recording/





Living in Niagara and the UN Sustainable Development Goals (SDGs)

In 2023, Niagara Connects is gathering diverse community partners, to:

- Examine alignment between the Living in Niagara Sectors and the UN Sustainable Development Goals (SDGs / 'the Goals')
 - Underpinned by the Social Determinants of Health
- Build capacity to advance the SDGs in the work of the Niagara-wide community
- Show examples of ways people and organizations in Niagara are applying the Goals at the community level





Niagara Connects: a Knowledge-sharing and Exchange Network

Gathering diverse partners in a trusted, Niagara-focused space for:

- Shared learning, to describe and examine emerging issues of common concern
- Mobilizing, sharing and exchanging evidence, to support the success and capacity of the Niagara-wide community
- Weaving together socio-economic evidence, to create a holistic picture of quality of life - <u>livinginniagarareport.com</u>
- Accessing a reliable, community-driven repository of evidence -Niagara Knowledge Exchange (NKE) <u>niagaraknowledgeexchange.com</u>





Are you aware of the Sustainable Development Goals?

January 24, 2023 Niagara Connects Webinar, "Living in Niagara and SDGs"

Participant Poll at beginning of webinar: Are you aware of the SDG's? - Even split – Yes / No

Post-webinar evaluation responses (n=21):

100% found information presented very (52%) or somewhat (48%) useful

Almost 90% found information new to them

- Top 5 choices in which SDG are you most interested?
 - Good Health and Well Being 75%
 - Climate Action 60%
 - No Poverty; Quality Education; Responsible Consumption and Production 55% each;
 - Zero Hunger 50%







and the Sustainable Development Goals

Taryn Wilkinson

Manager of Sustainability

Niagara College



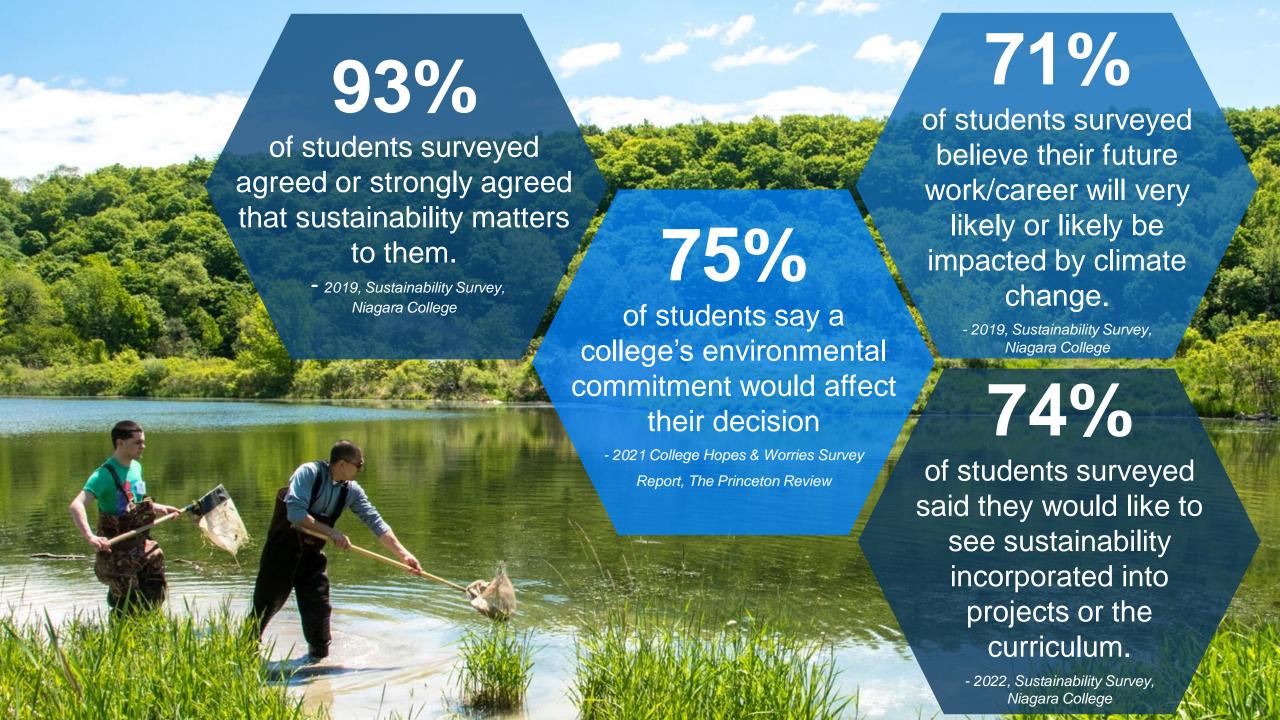
nc Niagara College Canada APPLIED DREAMS. INTEGRATING THE UN SUSTAINABLE DEVELOPMENT GOALS INTO YOUR WORK IN NIAGARA: WHAT ARE OUR POST-SECONDARY INSTITUTIONS DOING?

Speaker: Taryn Wilkinson, Manager of Sustainability at Niagara College May 2nd, 2023



At Niagara College sustainability means providing high quality applied education and training that meets the needs of students, employees, and the community in which we operate today, while protecting and enhancing the human and natural resources that will be needed in the future.





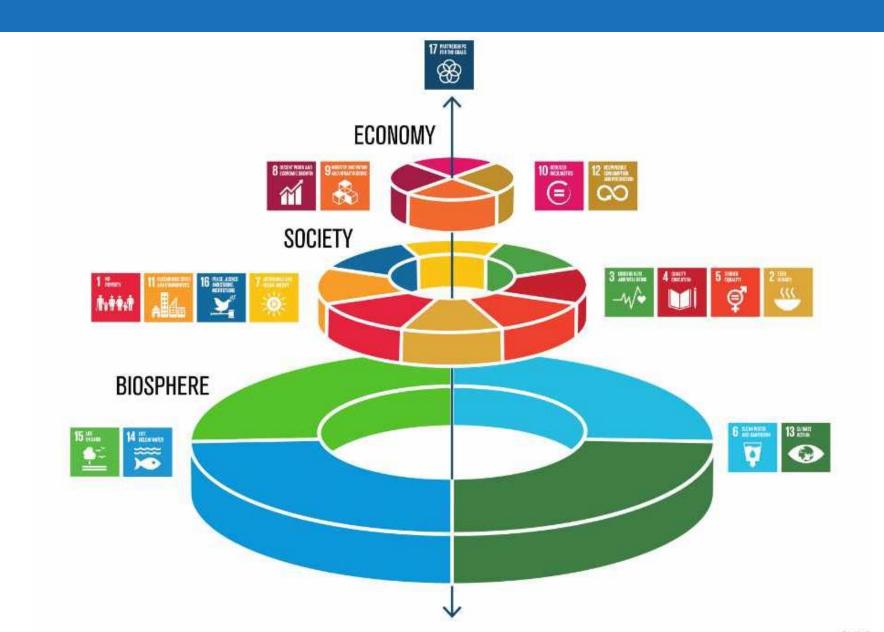
UN SUSTAINABLE DEVELOPMENT GOALS

Living in Niagara and the Sustainable Development Goals

Engage participants in learning how the UN SDGs apply in the Canadian context and how they align with the Living in Niagara quality of life Sectors



THE SDG "WEDDING CAKE"



How do the SDGs help NC?

Create increased demand for SDG related education

Provide a comprehensive and globally accepted definition of a responsible institution

Offer a framework for demonstrating impact

Create new funding streams

Support collaboration with new external and internal partners



Knowledge
Learning
Demonstration
Impact
Collaboration



How does NC help the SDGs?

Provide knowledge, innovations and solutions to the SDGs

Create current and future SDG implementation

Demonstrate how to support, adopt and implement SDGs in governance, operations and culture

Develop cross-sectoral leadership to guide the SDG response

INTERCONNECTEDNESS OF THE SDGS



Drought, Desertification, Deforestation

Natural Disasters, Sea-level Rise, Flooding





Access to clean water and sanitation

Less time spent collecting water (especially for women & girls)





On March 27th, 2023, Niagara College proudly signs the SDG Accord honouring our commitment to embed the United Nations Sustainable **Development Goals into** our education, research, leadership, operations, administration and engagement activities



NC SDG Mapping

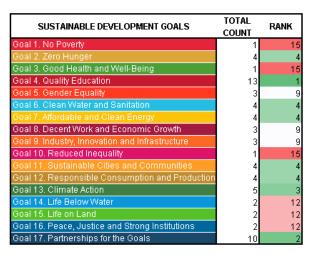
SDGs Mapping tool developed by the **NC Sustainability Office** is an on-going project to help identify how activities can directly or indirectly impact different SDGs

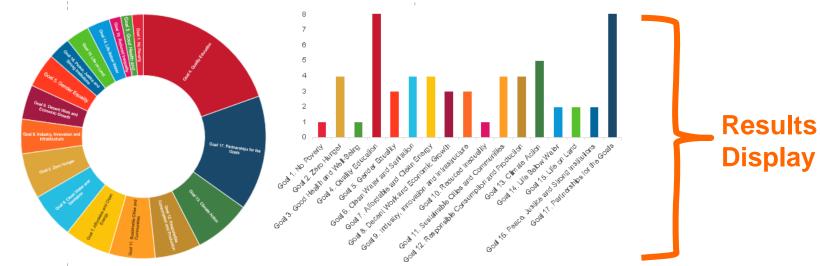


Description of the activity, projects, action

Niagara College Canada APPUES DRIAMS.	SUSTAINABILITY WEBSITE INSIDE NC NEWS DATABASE SDG MAPPING																		
NEWS TITLE	NEWS DESCRIPTION	YEAR	Goal 1. No	Goal 2, Zero Hunger	Goal 3. Good Health and 'Aèil-	Goal 4. Quality	Goal 5. Gender Equality	Goal 6. Clean shatter and anithation	Goal 7. armordable and 4 ian Energy	Goal 8. Decent Mork and Sonomic Growth	Goal 9. Induitry,	Goal 10. Reduced A nequality	Goal 11. Surtainable After and	Goal 12. Responsible Insumption Production	Goal 13.	Goal 14, Life low inater	Goal 15. Life on	Goal 16. Peace, Jurities and Strong	Goal 17. Parthernippi The Goal I
Niagara College hosts Moose Hide Campaign to stand against violence	Niagara College hosted its first Moose Hide Campaign event on May 12, in partnership with Brook University. Moose Hide Campaign Day is the day of the ceremony that calls for all Canadians- Indigenous and non-Indigenous - to take a stand against violence towards women and children and take practical steps for a collective journey of reconciliation.	2022																	
School of Restoration Arts sign	On May 11, Miagara College and the Willowbank School of Flestoration Atts, a non-profit private career college for heritage conservation located in Queenston, signed a Memorandum of Understanding (MOU) to explore opportunities to work together. Willowbank is globally recognized for its expertise in heritage conservation and adaptive	2022																	
Wellness Tour rolls through Niagara: NC students help build healthier communities	The Wellness Connection Tour is a new initiative funded by the Nlagara is Community Foundation and spearhe aded by Libb Wellness Nlagara is giving students in the Recreation Therapy and Social Service Worker programs hands-on experience and a chance to help people across Nlagara by giving people access to free wellness programming and resources, such as housing support, employment services, medical care and substance use programs.	2022																	

SDG Target
Alignment &
Justification











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EXAMPLE ACADEMIC COURSE



ENVR 1150 -Global **Environmental** Issues

ENVIRONMENTAL TECHNICIAN -FIELD AND **LABORATORY** (CO-OP)















FEED THE
COMMUNITY: CFWI
DISHES OUT 3,000
MEALS TO THOSE
IN NEED

Posted: December 9, 2021

NC & SDG MODULE













EXAMPLEINSIDE NC ARTICLE



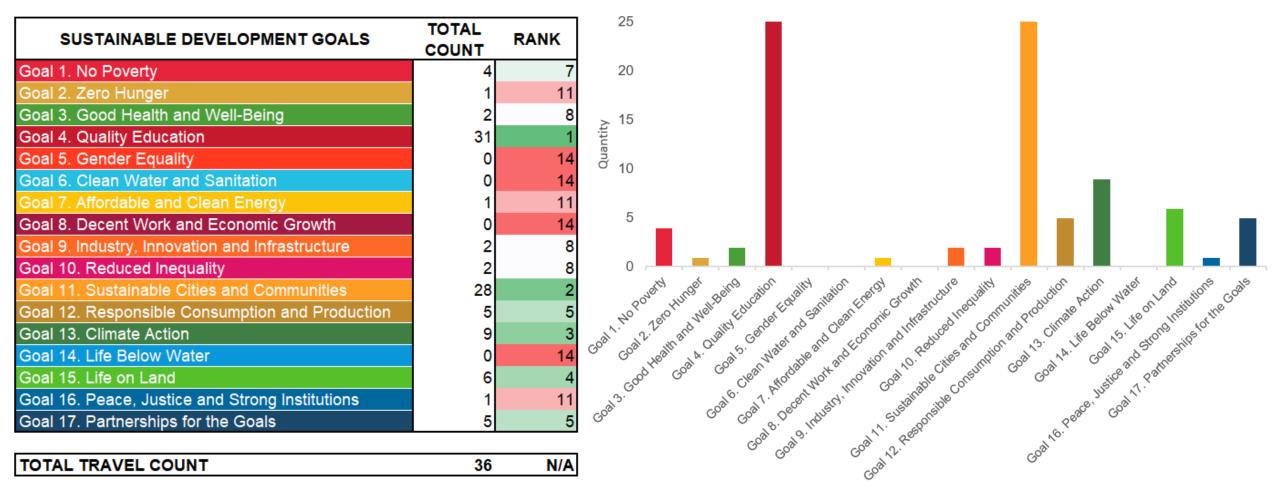


CASE STUDY:
OPERATIONALIZING
THE SDG'S WITH
BE WORLD READY



BE WORLD READY TRIPS

- All Be World Ready trips inter-connect with the SDG's
- Each trip is unique and will connect with different SDG's some more than others!



BE WORLD READY SDG INTEGRATION

Pre-Departure Training

- Introduction to the SDGs
- What are your travel impacts
- Tips to travel more sustainably

Post-Trip Reflection

- Students are required to complete a post-trip reflection and SDG questions have been incorporated
- Sample questions:
 - What challenges did you find by implementing actions as a sustainable traveler?
 - What are the SDG's you would connect with your trip? Are they different than the ones we identified pre-departure?
 - How the sustainability-related experiences relate to your program of study?



DOMINICAN REPUBLIC

















PUERTO RICO

Helping Hands

Winter 2023
February 26 - March 5



SO WHAT CAN YOU DO?

- Get started (you already have!)
- Focus on progress over perfection
- Think about what you're already doing
 - What opportunities or risks do you see?
- Not everyone can do everything, but everyone can do something





ADDITIONAL RESOURCES

- UN ActNow
- Sustainable Development Solutions Network (SDSN)
 - SDG Academy
 - SDG Action
- SDG Toolkit for Canadian Colleges and Institutes
- UN Sustainable Development Goals
- Niagara College Sustainability
- Niagara Region Climate Action Network – Info Coming Soon!







and the Sustainable Development Goals

Jocelyn Baker

Researcher for UNESCO Chair (Liette Vasseur) on Community Sustainability, Brock U. and

Environmental Science Professor, Niagara College







Integrating the Sustainable Development Goals into your work

Jocelyn Baker

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Sustainability at Brock

Main About V Initiatives V Committees V ESRC Study V News V Get Involved! Contact Us

Brock University > Sustainability at Brock > Initiatives > Sustainable Development Goals @ Brock

IN THIS SECTION

LEED® BUILDINGS

DINING SERVICES

DISTRICT ENERGY SYSTEM

ELECTRIC VEHICLE (EV) CHARGING

ENERGY CONSERVATION

FAIR TRADE

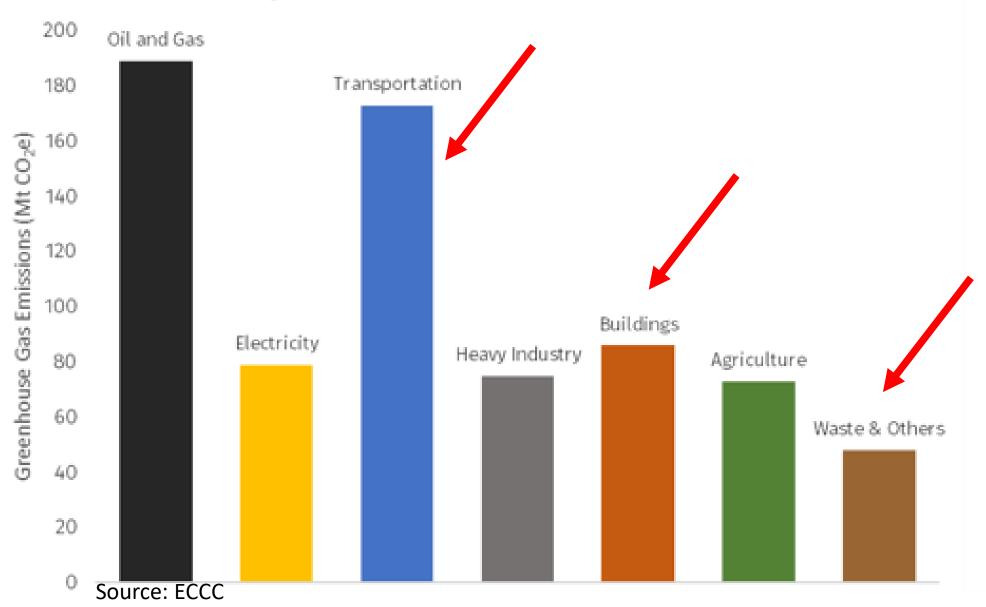
FURNITURE REDEPLOYMENT

Sustainable Development Goals @ Brock

In 2015 the United Nations established
17 Sustainable Development Goals
(SDGs) to address the major social,
economic, and environmental issues
around the world. Each universal goal is
equally important as they are



Who is responsible for Canada's GHG Emissions?





TO BRIT

Brock's year-old Co-generation Plant creating a sustainable campus

THURSDAY, FEBRUARY 11, 2021 | by Samantha Tapp







Transit to/from Brock

Students, faculty and staff living in other parts of the region can access public transit services at Brock. The Brock Hub, a co-operative service provided by St. Catharines, Niagara and Welland Transit Commissions and Coach Canada, has made Brock University the hub for bus travel in the Niagara Peninsula. You can hop on a bus in front of the Schmon Tower and travel to any point in St. Catharines, Niagara Falls, Welland or Thorold; or take a longer trip to Burlington, Oakville, Hamilton, Mississauga or Toronto. This service is available to students and Niagara residents.

Did you know as a Brock University undergraduate student you have a universal bus pass (U-Pass)? Access to St. Catharines, Thorold, Niagara Falls, Welland, Fort Erie, Pelham and the Niagara Regional Transit Systems Learn more

Organic Waste Disposal & Composting

Organic food waste is collected currently at the following locations: Market Hall, DeCew Cafeteria, Student Centre, Lowenberger Cafeteria, Brock General, Hungry Badger, and at the International Centre.

The most convenient location to dispose of organic waste is the **conveyor belt in Market**. For staff and faculty, there are small compost bins in their lunch rooms that are emptied daily.

During the 2020 Fall Waste Audit, it was discovered that approximately 14.3% of waste sent to landfill was organic material. In an effort to improve the organic capture rate, we are asking you to participate in this program and help improve our waste diversion rate.

"Waste not — organics recycling at Brock" - The Brock News ☑







Going green at Canada Games Park



The "green roof" will help control stormwater and the urban heat island effect while reducing energy costs, and that's made possible by the way the building was designed – 35% more efficient and generating 45% less GHG emissions than standard buildings.



Environmental Sustainability Research Centre

The Environmental Sustainability Research Centre (ESRC) is a transformative and creative transdisciplinary community dedicated to research and education advancing environmental sustainability locally and globally.

ESRC and Facilities Management Project Charter

Facilities Management and the ESRC hold a shared vision and commitment towards a more sustainable campus. This collaboration is held together by a formal charter that shepherds and allows for a multitude of sustainability initiatives across campus, which will further engagement with sustainability campus-wide, bringing together academic and operational units. The participants will cooperate on projects of mutual benefit and collaboratively establish mechanisms that effectively communicate information with the broader Brock community about Sustainability at Brock. They will contribute resources in the form of cash and in-kind contributions over an initial five-year period to enable 'Sustainability at Brock'.

Brock University earns Silver STARS rating for sustainability performance

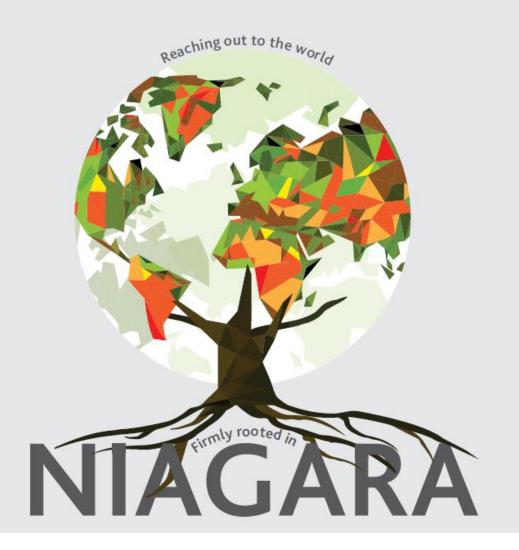
THURSDAY, JANUARY 28, 2021 | by The Brock News





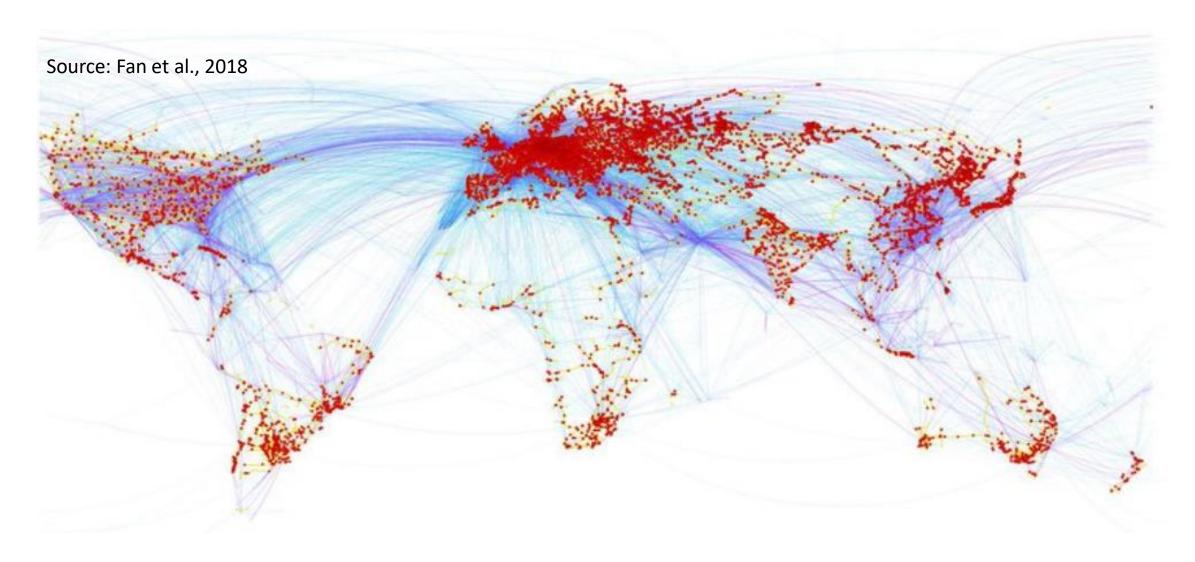
Niagara Roots – Global Reach

Brock University Institutional Strategic Plan 2018-2025





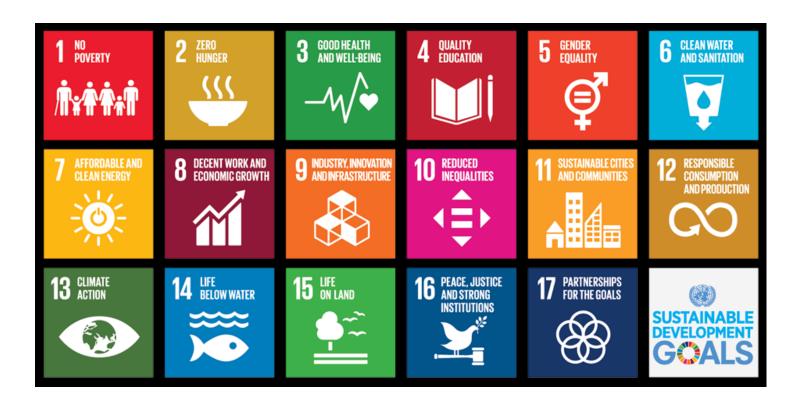
Today – embedded in most Canadian academic institution strategic plans are objectives related to enhancing students' global awareness, not only to create better career pathways but to also create a better-informed citizenry.



As we have seen with COVID-19, we are **ALL** connected. What happens globally affects us all!

As part of it's commitment to create a better-informed citizenry, knowing we are all connected, Brock University is a member of the Sustainable Development Solutions Network (SDSN) Canada, which is part of a global movement of educational institutions and research centres to promote viable solutions to sustainable development.

To help meet this goals of the SDSN - in 2021 Brock developed an SDG introduction course to further demonstrate Brock's commitment to global accountability.



Introduction to the Sustainable Development Goals (SDGs)

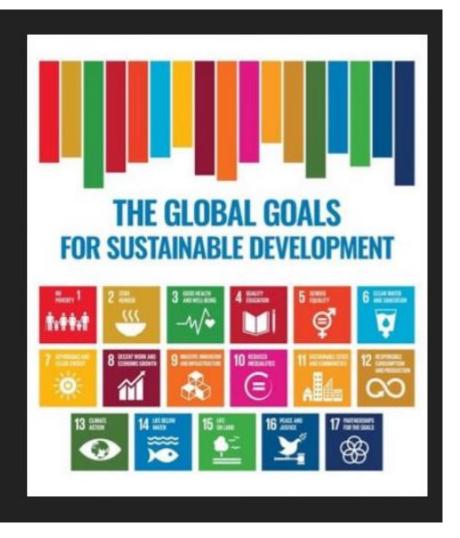
Jocelyn Baker





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READ BOOK



https://ecampusontario.pressbooks.pub/sdgintro/front-matter/introduction/

Introduction

Course Outline

Week 1

Introduction of Sustainability, Sustainable Development, and the Sustainable Development Goals (SDGs)

Week 2

Introduction to the SDGs and the 2030 Agenda

Week 3



SDG #1 - No Poverty

SDG #2 - Zero Hunger

SDG #3 - Good Health and Wellbeing

Reflection, Comprehension, Discussion, Readings

Introduction

The purpose of this course is to introduce and provide students a foundational understanding of the key concepts of sustainable development and sustainability. This course will introduce the 2030 Agenda and the sustainable development goals (SDGs), their history, development, purpose, and implementation. Students will learn about each individual SDG, the rationale and examples of actionable solutions that can be implemented at the individual, community, national, and international level. Students will be given the opportunity to harness the transformational impacts of the SDGs by participating in a variety of learning experiences and exchanges. Collaborating with an active student base, representing a diversity of geographies and perspectives, students will engage with a global SDG community of practice and explore ways to increase social impact and environmental justice.





Analysis

As the world's population continues to grow, one of our greatest challenges will be to ensure food security for all. Hunger and food insecurity remain a pressing problem, with significant negative consequences on the development potential of and quality of life in many countries. Although most of the world's food-

An estimated 2 billion (25%) people in the world did not have regular access to safe, nutritious, and sufficient food in 2019.

Many suffer largely due to human-made conflicts, climate change, and economic downturns.

For Canada, 1 in 8 households (2018) was food insecure, amounting to 4.4 million people (12% of the population), including more than 1.2 million children.



Fast Facts

- An estimated <u>2 billion</u> people in the world did not have regular access to safe, nutritious, and sufficient food in 2019;
- In 2019, close to 750 million or nearly one in ten people in the world were exposed to severe levels
 of food insecurity;
- Current estimates are that nearly 690 million people are hungry, or 8.9 percent of the world population up by 10 million people in one year and by nearly 60 million in five years;
- Individuals become food insecure for any number of complex reasons, but the root cause is nearly always poverty. Environmental crises and a wide variety of political factors also contribute to hunger and food insecurity globally;

The food sector accounts for 30% of the world's total energy consumption and accounts for 22% of total Greenhouse Gas emissions. Each year, an estimated one third of all food produced goes to waste. This is equivalent to 1.3 billion tonnes of food, worth 1 trillion dollars that ends up getting thrown out, rotting in the bins of consumers and retailers, or spoiling due to poor transportation and harvesting practices.

Why it Matters

Why should I care about other people's food insecurity situation? There are many reasons, but in short, because ethically we should want all people to have enough food to eat that is safe and nutritious. A world with zero hunger can positively impact our economies, health, education, equality, and social development. It's a key piece of building a better future for everyone.

Targets and Indicators for Canada

Below is Canada's approach to measuring progress on SDG #2 – Zero Hunger. Note the targets and indicators chosen^[4].





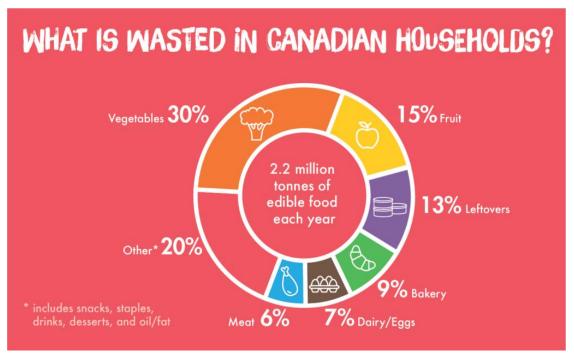
Goal 2

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

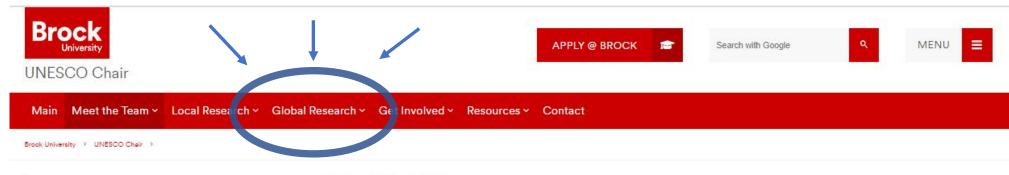
Canadian Ambition: Canadians have access to sufficient, affordable and nutritious food

Let's incorporate sustainability into our food choices!





Brock University promotes sustainable food practices through initiatives such as the Brock Campus Farmers Market, which features locally grown and organic produce, and the Sustainable Food Systems Research Group, which explores ways to improve food sustainability in the Niagara region.









Chairholder



https://brocku.ca/unesco-chair/objectives-partners/about-the-chair/



"We cannot solve our problems with the same thinking we used when we created them.

Albert Einstein

We all have a role to play!





25% of the world's population can not meet their basic human life needs......

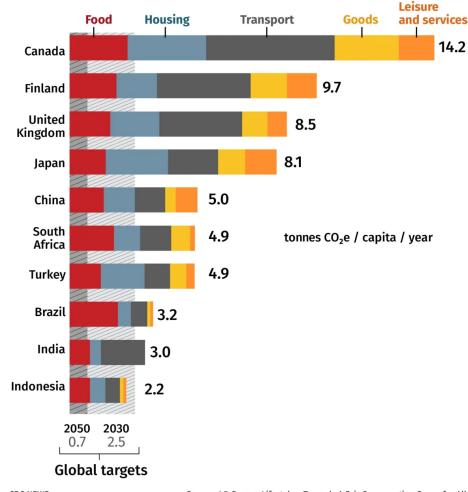


Climate change is affecting every country in the world. It is disrupting national economies and affecting lives and livelihoods, especially for the most vulnerable. Climate change puts the whole world under pressure, everywhere, at the same time.

Here are some ways you can get involved in the Sustainable Development Goals (SDGs)

- 1. Now that you have educated yourself about the SDGs, you can help spread awareness by talking to your friends, family, and colleagues.
- 2. Volunteer: There are many organizations that work towards achieving the SDGs, and you can volunteer your time and skills to support their efforts.
- 3. Support sustainable businesses that align with the SDGs by purchasing products or services from them. Encourage your friends to do the same.
- 4. Reduce your environmental footprint. http://www.carbonindependent.org/

Total per-capita carbon footprint by country and sector



CBC NEWS

Source: 1.5-Degree Lifestyles: Towards A Fair Consumption Space for Al

UN Sustainable Development Goals (SDGs) and the Living in Niagara (LIN) Sectors

UN SDG



Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

Examples of networks already underway in Niagara

- Active Niagara Network
- Age-Friendly Niagara Council & Niagara Older Adults Alliance
- Coalition to End Violence Among Women (CEVAW)
- Niagara Chamber Partnership
- Niagara Children's Planning Council
- Niagara Community Garden Network
- Niagara Connects Knowledge-sharing & Exchange network
- Niagara Dental Health Coalition
- Niagara Elder Abuse Prevention Network
- Niagara Food Security Network
- Niagara Poverty Reduction Network
- OPENN Overdose Prevention and Education Network of Niagara





Living in Niagara report

- Available at <u>livinginniagarareport.com</u>
- Downloadable report modules
 - Summary Version
 - Summary Version by Sector
 - Sector Technical Documents include Indicators, Measures, links to evidence sources
- To receive Niagara Connects evidence updates: https://niagaraknowledgeexchange.com/get-connected/





Questions and Answers

- Please type questions into the chat pod.
- The recording and slide deck from this event will be shared on https://niagaraknowledgeexchange.com/. We will send you a follow-up email to let you know when it is available.
- Following this event, we will send you a brief evaluation survey; please complete it to help us strengthen our work.





In which of the SDGs are you most interested?

SUSTAINABLE GOALS DEVELOPMENT





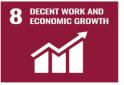






















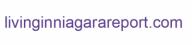
















Thank you for joining us!

Learn about the SDGs: https://sdgs.un.org/

Have a question? Feel free to reach out!

Contact:

Mary Wiley

Knowledge Mobilization Lead, Niagara Connects

Email: niagaraconnects@incommunities.ca



