

# The Prudhommes Project Year-in-Review 2020

## Partnership Overview

Building resilience into sustainable community development, at the landmark Prudhomme's development site, is the aim of this five-year partnership involving the Town of Lincoln, Vineland Research and Innovation Centre (Vineland), and the Environmental Sustainability Research Centre (ESRC). Knowledge generated and lessons learned will be transferable, providing evidence-based decisions, catalyzing opportunities for innovation, and influencing uptake of best practices. The partnership officially launched in July 2020 and will focus on the following:



- develop a program, which draws upon state-of-the-art resilience and ecosystem-based approach to greening landscapes;
- engage graduate and undergraduate students through experiential education, course projects, and research;
- explore and pursue mutually beneficial opportunities of shared interest in resilience and social-ecological systems such as grant proposals and events;
- promote the program within the Town of Lincoln, Vineland Research and Innovation Centre, and the Brock University community, and develop informal networks locally, nationally, and internationally.

## Experiential Education Opportunities for Brock Students

### Panel Discussion: Green Infrastructure and Low Impact Development - October 22, 2020

This panel discussion and the second Sustainability Seminar Series event of the term saw three professionals in the green infrastructure and low impact design space with decades of rich experiences and knowledge bases answer a series of questions moderated by Dr. Ryan Plummer, Director of the ESRC at Brock. The panelists were: Safdar Abidi, Principal, Practice Leader at Perkins and Will, Dr. Janani Sivarajah, Postdoctoral Fellow at the ESRC and Vineland, and Paul Leitch, Director, Environmental Sustainability Services at Blackstone Energy Services. To learn more about this event, please see the blog post, authored by MS Candidate Erica Harper.



### Partnership Presentation - November 16, 2020

Members from the ESRC presented virtually to Master of Sustainability students in their Foundations of Sustainability Science course (SSAS 5P01) about the Centre's seven innovative community partnerships. The presentation focused on how the partnerships allow Brock students, faculty, and staff to collaborate with partners to move knowledge into action to make an impact within the community.

## Research Activities

### Mitacs Accelerate Fellowship

Dr. Janani Sivarajah has joined as a Post-Doctoral Fellow through a MITACS grant. MITACS, is a non-profit organization that provides financial support and establishes connections between post-secondary institutions and industry to work on innovative research projects to address industry/sector challenges. Janani has developed and begun a work plan in collaboration with our industry partner, Vineland. To learn more about this award and Janani please review the story posted to [The Brock News](#).



## Project Highlights

### Literature Review

The team conducted their analysis of relevant literature resources in all academic journals to answer “who”, “what,” and “where” these low impact development treatments are being used around the globe. This review include the creation of a repository of technical reports and documents found .

### Baseline Data Collection

The project team performed their first site visit on November 2020 (see photos below), to create several spatial maps of Prudhommes’ soil profiles. The project team has also started collecting and building a repository of various spatial geographic data.

### Reviewing the Current State of the Art

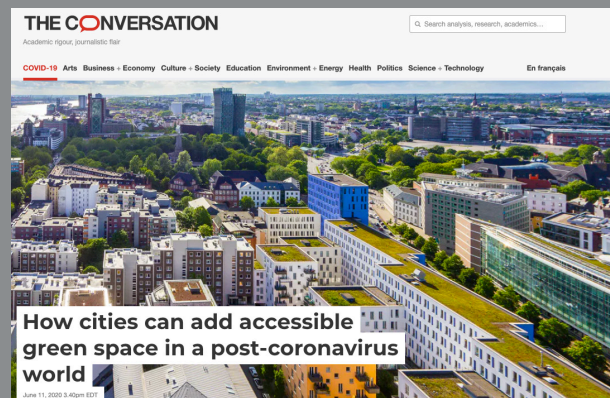
The project team initiated a needs assessment by reviewing public policy and planning documents related to state of art green infrastructure, low-impact development, and sustainable community development practices. The town provided three reports (Prudhommes Secondary Plan, Prudhommes Rec Report, and Prudhomme community involvement plan) and the team is currently engaging with key staff at the Town of Lincoln. In addition to baseline data collection, the project team established a second methodology to perform four systematic reviews to address knowledge gaps for Prudhommes.



## Knowledge Mobilization Activities

How Cities Can Add Green Space in a Post-coronavirus World  
The Conversation, June 2020

Ryan Plummer, Darby McGrath, and Janani Sivarajah collaborated to write an article for [The Conversation](#) about how cities can enhance their green space in a post-corona virus world. This article was well received and all authors took part in several regional radio interviews on the topic .



For more information visit: <https://brocku.ca/esrc/the-prudhommes-project/>