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University-Community Partnerships and Open Access in Urban Planning Education and Research

Victor Ngo, UBC School of Community and Regional Planning

October 28, 2014

University of British Columbia Open Week 2014 | Student Innovation in the Open



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Applied Science

What is planning?

Still from Malcolm MacLean's short film, *What is Planning?*: <https://www.youtube.com/watch?v=ypA5vYirLAY>



Planning is a profession focused on helping citizens, civic leaders, non-profits and business build more equitable and sustainable communities.

Still from Malcolm MacLean's short film, *What is Planning?*: <https://www.youtube.com/watch?v=ypA5vYirLAY>



Commitments

Community Engagement



The University serves and engages society to enhance economic, social and cultural well-being.

Mini Case Study #1

UBC SCARP Qualitative Research Methods Class

Community: UBC University Neighbourhoods Association (UNA)

Professor: Dr. Leonora (Nora) Angeles

Date: February to May 2014

Students: Victor Ngo, Camille B. Lefrançois, Jeremy Keating, Emma Fineblit, Megan Herod, Steven De Sousa, Grant Diamond, Eric Fox, Regan Kohlhardt, Sian Mill, Alex Oladapo Olajide, Jamie Pritchard, Bryan Wong, Ryanne James





SCARP



UNA

NEIGHBOURHOOD SAFETY AUDIT

All UNA residents are welcome!

Join your neighbours and
UBC Planning students in
talking about campus safety!

Wednesday March 26
6:00 pm

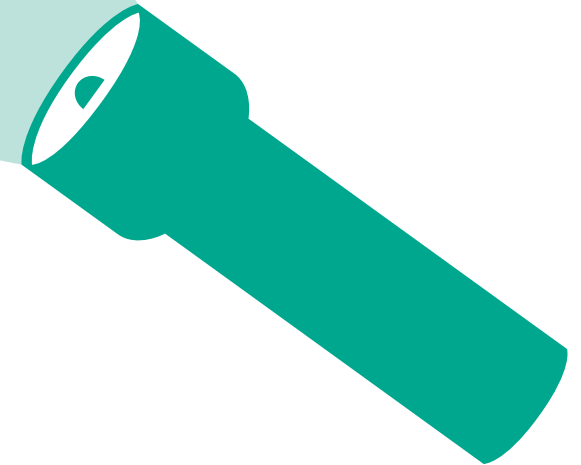
The Old Barn
Community Centre

Snacks
provided!

We want your input!

Activities include mapping exercise and walk

Please **RSVP** with any questions or concerns
to Camille at: camille.lefrancois@alumni.ubc.ca





UNA neighbourhood safety mapping workshop (Photo Credit: Sian Mill)



UNA neighbourhood safety audit walking tour (Photo Credit: Bryan Wong)





UNA neighbourhood safety audit walking tour (Photo Credit: Bryan Wong)



Perceptions of Safety in UBC Campus Public Spaces: The Case of the University Neighbourhoods Association

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Files in this item

Files	Size	Format	Description	View
Ngo V et al PLAN515 UNA campus safety 2014.pdf	10.53Mb	Adobe Portable Document Format		View/ Open

Title:	Perceptions of Safety in UBC Campus Public Spaces: The Case of the University Neighbourhoods Association
Other Titles:	UBC SCARP UNA Campus Safety Report
Author:	Ngo, Victor D.; Lefrançois, Camille B.; Keating, Jeremy; Fineblit, Emma; Herod, Megan; De Sousa, Steven; Diamond, Grant; Fox, Eric; Kohlhardt, Regan; Mill, Sian; Olajide, Alex Oladapo; Wong, Bryan; James, Ryanne; Pritchard, Jamie
Subject Keywords	campus safety;safety audit;public space;campus planning;community planning
Issue Date:	2014-05-12
Publicly Available in ciRcle	2014-07-22
Series/Report no.	University of British Columbia; PLAN 515
Abstract:	This study examines University Neighbourhoods Association (UNA) residents' perception of safety of campus public spaces at the University of British Columbia (UBC) Point Grey Campus. A series of sexual assaults were reported at UBC in 2013, which prompted a number of responses from the university. Both the series of sexual assaults and UBC's responses to the events have generated campus-wide conversations regarding the complexities and challenges of campus safety for students, faculty, and staff. However, perceptions of safety from the perspective of long-term, permanent residents at UBC are not well examined. This study addresses the research gap by using a community safety audit to understand UNA residents' perceptions of safety of campus public spaces and how these perceptions are influenced by built and natural environment characteristics. Several recommendations are made to the UNA, UBC campus planning staff, and UBC regarding lighting, traffic, transportation, wayfinding, community connections, campus blue phones, CPTED, and safety messaging.
Affiliation:	Community and Regional Planning (SCARP), School of
URI:	http://hdl.handle.net/2429/48465
Peer Review Status:	Unreviewed
Scholarly Level:	Graduate

UBC SCARP UNA Campus Safety Report: <https://circle.ubc.ca/handle/2429/48465>



Statistics

Page displays

	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10
Perceptions of Safety in UBC Campus Public Spaces: The Case of the University Neighbourhoods Association	0	0	2	40	117	114

File downloads

	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	total
Ngo V et al PLAN515 UNA campus safety 2014.pdf	0	0	2	22	50	64	138

Top countries

Country Code	Views
Canada	271
United States	64
China	30
France	10
Malaysia	8
South Africa	6
United Kingdom	4
Australia	2
Spain	2



Mini Case Study #2

UBC SCARP Urban Design Studio

Community: City of Vancouver's False Creek South

Professor: Dr. Maged Senbel

Date: January to May 2014

Students: Korbin daSilva, Lecia Desjarlais, Grant Diamond, Emma Fineblit, Jeremy Keating, Karla Kloepper, Camille B. Lefrançois, Kathryn Gwun-Yeen Lennon, Hossam Meawad, Victor Ngo, Erin Rennie, Matthew Shields, Lavino Wei-Chung Chen, Robert W. White





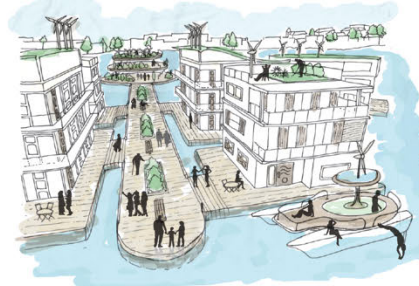
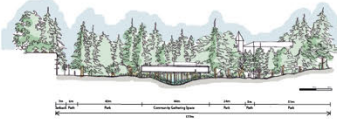


Presenting the False Creek South Community Atlas to the community (Photo Credit: Robert W. White)

GINGER BREAD WOODS



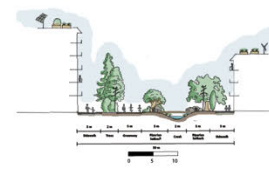
Nestled alongside a wooded riparian area this midrise community combines the character of a fairytale village with the natural elements of the West Coast. A pedestrian path weaves between Georgian rowhouse-style homes achieving resonance through highly durable building envelopes and flexible inner floor plates adaptable to evolving uses. Amenities include a multi-faith chapel, a market place, and a community gathering space overlooking the creek.



CREEK SIDE SLOUGH



Creak Side Slough will be a zero-waste floating home village incorporating natural hydrological systems, green roofs, and clean energy technology. In the center of the community a multi-tiered floating community garden where residents can gather and share in growing fruits and vegetables. By localizing food and energy systems and connecting to the rest of False Creek South by a floating boardwalk, this new village will be able to adapt to sea level rise and extreme weather.



FUTURE FOREST



Adjacent to the Olympic Village Station Future Forest urban village bridge connections between False Creek South and the greater region. Vibrant pedestrian pathways are lined by maturing deciduous forest opening up into intimate, permeable plazas. This mixed use neighborhood continues Cambie's commercial corridor leading to a grand, central gathering place.



Design Proposal - Future Creek South: Lavino Wei-Chung Chen, Erin Rennie, Robert W. White



ANTICIPATING FUTURE GROWTH

WITHOUT COMPROMISING QUALITY OF LIFE OR LOCAL CHARACTER



CONNECTING LEG-IN-BOOT SQUARE WITH THE CANADA LINE STATION



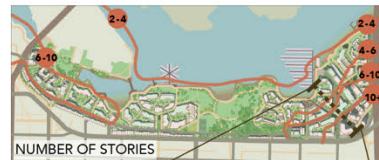
BUILDING UPON THE COURTYARD TRADITION



FIGURE-GROUND BEFORE



FIGURE-GROUND AFTER: IMPROVED PERMEABILITY



NUMBER OF STORIES



SECTION: HEATHER BAY TO CREEK SQUARE

AN EVOLVING PROCESS WITH THE COMMUNITY

PHASE 1: TRANSIT-ORIENTED DEVELOPMENT

- Mixed-use and mixed-income development around Canada Line Station
- Incorporating high-rises matching the existing massing along Cambie St.
- The New Creek Square with include a public library and commercial spaces

PHASE 2: VILLAGE COURTYARDS

- Courtyard townhomes are replaced gradually as they age while only increasing density to 3-4 stories from 2-3 with minimal visual impact
- Keeping the "houses within a park" feeling through new character townhouses and rowhouses
- Flexibility of multi-family use and live-work spaces

PHASE 3: URBAN COURTYARDS

- Emphasis on ground-oriented units with building heights that step down towards False Creek
- Inspired by the clustered courtyard housing typology that already exists
- Further integration with the surrounding urban area and matching density with Grandview slopes

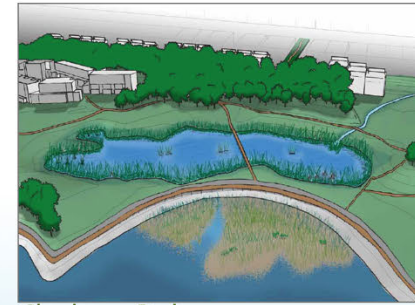
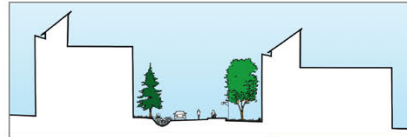
Design Proposal - Heather Bay: Lecia Desjarlais, Matthew Shields, Kathryn Gwun-Yeen Lennon

Experiencing the Neighbourhood

Charleson Greenway



Green Lanes



Charleson Park

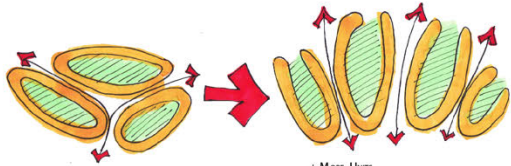
Seawall



Design Proposal - Ecotopia: Jeremy Keating, Camille B. Lefrançois, Victor Ngo

VISION AND INSPIRATION

RETAIN AND PROTECT THE BEST QUALITIES OF FCS WHILE DEVELOPING A DIVERSE AND FLEXIBLE HOUSING STOCK



- + MORE UNITS
- + MORE DENSITY
- + MORE ATTRACTIVE STREETS
- + N/S ORIENTATION FOR SUN AND OCEAN
- + PRESERVE COURTYARD
- + SIMILAR HOUSING TYPE



COMMUNITY ATLAS INFILL MAP

DEVELOPMENT PLAN



EXISTING



TOTAL HA OF COURTYARD SPACE : 1.25

TOTAL NUMBER OF UNITS: 325 (FSR 0.6)

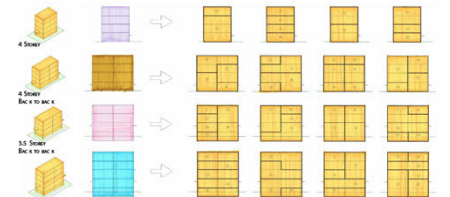
PROPOSED



TOTAL HA OF COURTYARD SPACE : 1.15

TOTAL NUMBER OF UNITS: 650 - 1100 (FSR 1.3)

ADAPTABLE TOWNHOUSE MIX



- + LARGE RANGE OF UNIT TYPES INDISCERNIBLE FROM THE STREET
- + OPPORTUNITY TO DOWNSIZE OR UPSIZE
- + ACCESSIBLE GROUND FLOOR AND GARDEN LEVEL UNITS



DISPERSAL OF UNIT MIX

Design Proposal - The Courtyard Re-Imagined: Korbin daSilva, Hossam Meawad



SCARP Course Projects



Recent Submissions

Acadia Park Sustainable Urban Design Vision

SCARP, Urban Design Students (Centre for Human Settlements, 2012-07-01)

Three Urban Design Visions for Vancouver's Chinatown in 2030

SCARP, Students (2011-04-30)

Willard Park Eco-Village

SCARP students (2007-12)

Cambie and Marine Station Area Design Evolution

SCARP students (2008-12)

UBC South Campus-Systems Analysis

SCARP students (2009-02)



Show Statistical Information

UBC SCARP Urban Design Studio Projects (Dr. Maged Senbel): <http://circle.ubc.ca/handle/2429/1426>



Mini Case Study #3

UBC SCARP Philippine Planning Studio

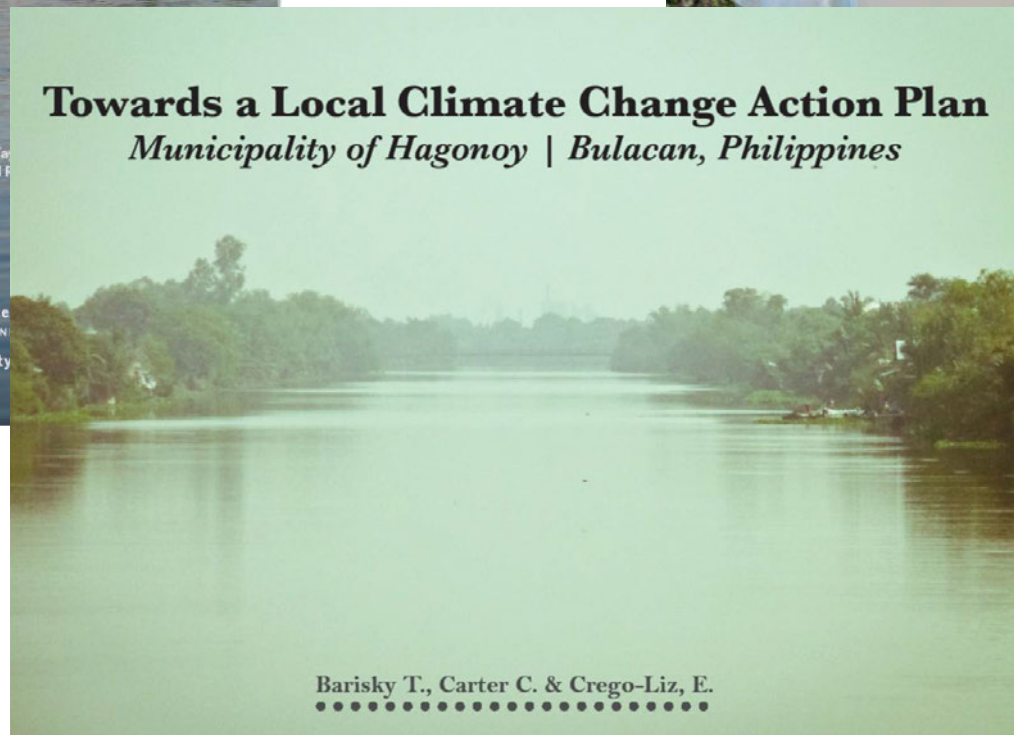
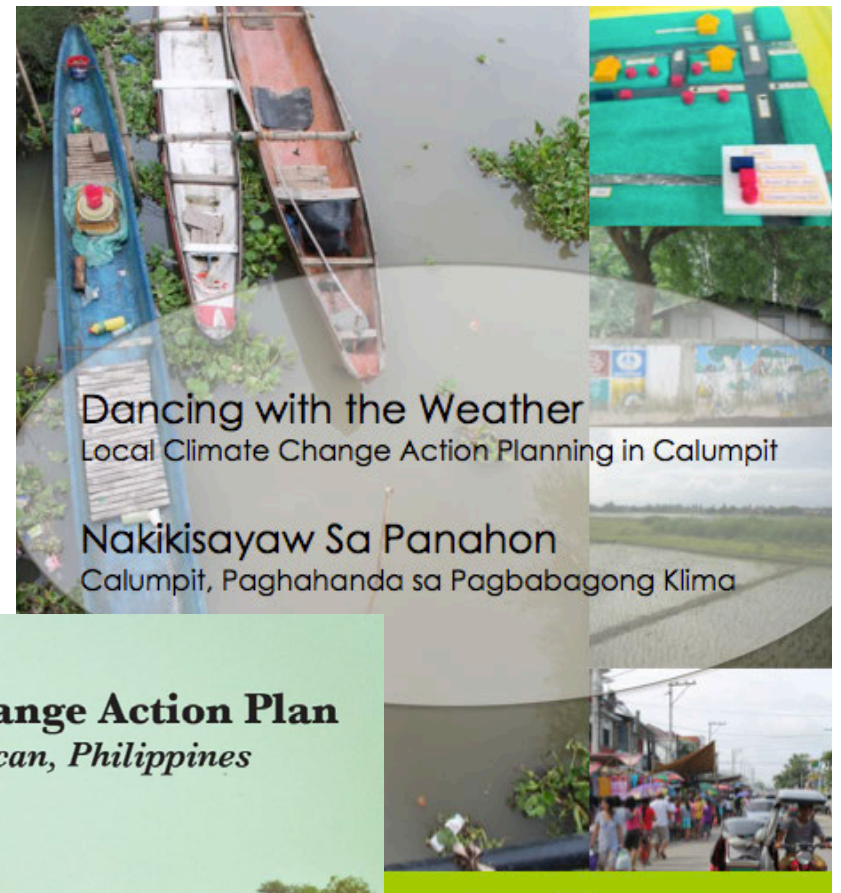
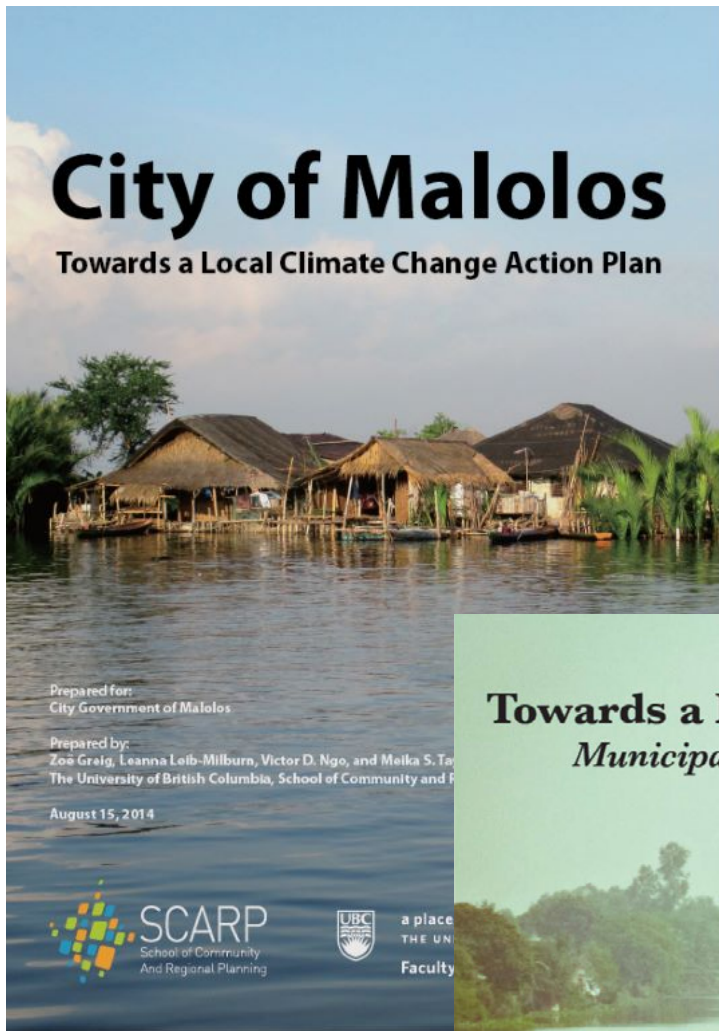
Community: Bulacan Province, Philippines

Professor: Dr. Leonora (Nora) Angeles

Date: July 2014

Students: Tina Barisky, Carolina Camargo, Christopher J. Carter, Zoë Greig, Leanna Leib-Milburn, Kathryn Gwun-Yeen Lennon, Eva Crego Liz, Victor Ngo, Sameer Shah, Meika Taylor





Lennon and Sameer H. Shah

Community and Regional Planning (SCARP),
Calumpit.



Interviewing elected officials in the coastal Barangay Namayan, Malolos, Philippines (Photo Credit: Kathryn Gwun-Yeen Lennon)



Tidal flooding in coastal Barangay Namayan, Malolos, Philippines (Photo Credit: Meika Taylor)

Summary: Urban Planning Education, University-Community Partnerships, and Open Access

- Planning students are often engaged in projects of reciprocal learning and development in local, regional, and international communities.
- Open access scholarship can play an important role in enhancing university-community partnerships and increasing the impact of student work, particularly in the field of urban & community planning.
- Open access and the dissemination of collaborative research can serve as a rich asset for communities and beyond, and contribute to academic knowledge production.



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