

C-CHANGE
CANADA-CARIBBEAN
Coastal Climate Adaptation Strategies

The C-Change Project: Managing Adaptation to Coastal Change: Canada and the Caribbean

Sunday, June 26th | PIP Student Research Day

Presented by:
Kaitlin Fahey, Hooman Mostofi, & Sahar Pakdel
University of Ottawa

C-CHANGE
CANADA-CARIBBEAN
Coastal Climate Adaptation Strategies


Agenda

1:30 – 2:30

- Project History
- About C-Change
- Research Challenges
- Student Research Presentations

2:30 – 3:00

- Discussion





2

C-CHANGE
CANADA-CARIBBEAN
Coastal Climate Adaptation Strategies

History

- University of Ottawa, C-FOAM, & UWI
- International Community-University Research Alliance (ICURA), sponsored by SSHRC & IDRC
- LOI – November 2007
- Formal Proposal – April 2008
- Funding Awarded– June 2009






3

C-CHANGE
CANADA-CARIBBEAN
Coastal Climate Adaptation Strategies

About: C-Change Team

- Canada: Dan Lane, UOttawa
- Caribbean: Patrick Watson, UWI (Trinidad)
- Co-Applicants
- Collaborators
- Partners
- Research Associates



C-Change Team Members, C-C-Change

4

C-CHANGE
CANADA-CARIBBEAN
Coastal Climate Adaptation Strategies

About: Community Criteria

- 8 community study sites
- (i) threats to infrastructure, natural environment, and/or residents
- (ii) access to available data
- (iii) opportunities for partnerships and alliances
- (iv) team familiarity with community & community buy in

5





Gibsons, BC



Iqaluit, NT



Charlottetown, PEI



Isle Madame, NS



C-CHANGE
 DRCC CRDI CANADA-CARIBBEAN
 SSHRC CRSH Coastal Climate Adaptation Strategies

About: Communities

- Charlottetown → Georgetown
- Iqaluit → Belize
- Isle Madame → Bequia
- Gibsons → Grande Riviere

12

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

About: Project Objectives

- Assist coastal communities to adapt their own efforts to anticipate the impacts posed by climate change
- Improve adaptation planning
- Integrate local knowledge & scientific/institutional information

13

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

About: Ongoing Research

- Community Profiling
- Community Surveys
- GIS Mapping
- Systems Science (scenario planning)
- Community In-put model
- Local Governance
- Community Collaboration



14

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

About: Project Outcomes

- What can we do to help these communities plan for climate change?
 - Strategic – Governance Structure
 - Operational – Social Component
 - Deliverables – checklist/document....?

15

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

Research Challenges

International Focus & Interdisciplinary

Funding & Data

Communication

University ↔ Community

16

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

Student Research Presentations

- Hooman Mostofi & Sahar Pakdel
 - Master of System Science
 - University of Ottawa
 - C-Change Research Associates

17

C-CHANGE
IDRC CRDI CANADA-CARIBBEAN
SSHRC CRSH Coastal Climate Adaptation Strategies

Discussion

www.coastalchange.ca



www.facebook.com/coastalchange

18