



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



Workshop:
2010 Coastal Zone Canada Conference

C-CHANGE

IDRC  CRDI

CANADA-CARIBBEAN

SSHRC  CRSH

Coastal Climate Adaptation Strategies



C-Change

- Objective: Assist coastal communities in adapting to the impacts posed by projected sea level rise and increased frequencies of severe storms
- International Community-University Research Alliance (ICURA) sponsored by SSHRC and IDRC
- UWI (T&T, Jamaica), UOttawa, UNB, MUN, UBC, Private, Community partners
- Identify affected infrastructure, assess vulnerabilities, develop risk management scenarios, provide decision support, prepare Community Adaptation Action Plans

C-CHANGE

IDRC * CRDI

CANADA-CARIBBEAN

SSHRC CRSH

Coastal Climate Adaptation Strategies



- **C-Change**

- www.coastalchange.ca
- www.facebook.com/coastalchange



C-CHANGE

IDRC  CRDI

CANADA-CARIBBEAN

SSHRC  CRSH

Coastal Climate Adaptation Strategies



Welcome

- Agenda
- Roundtable



k1172510 www.fotosearch.com

July 27, 2010

2010 CZCA Conference UPEI

C-CHANGE

IDRC * CRDI

CANADA - CARIBBEAN

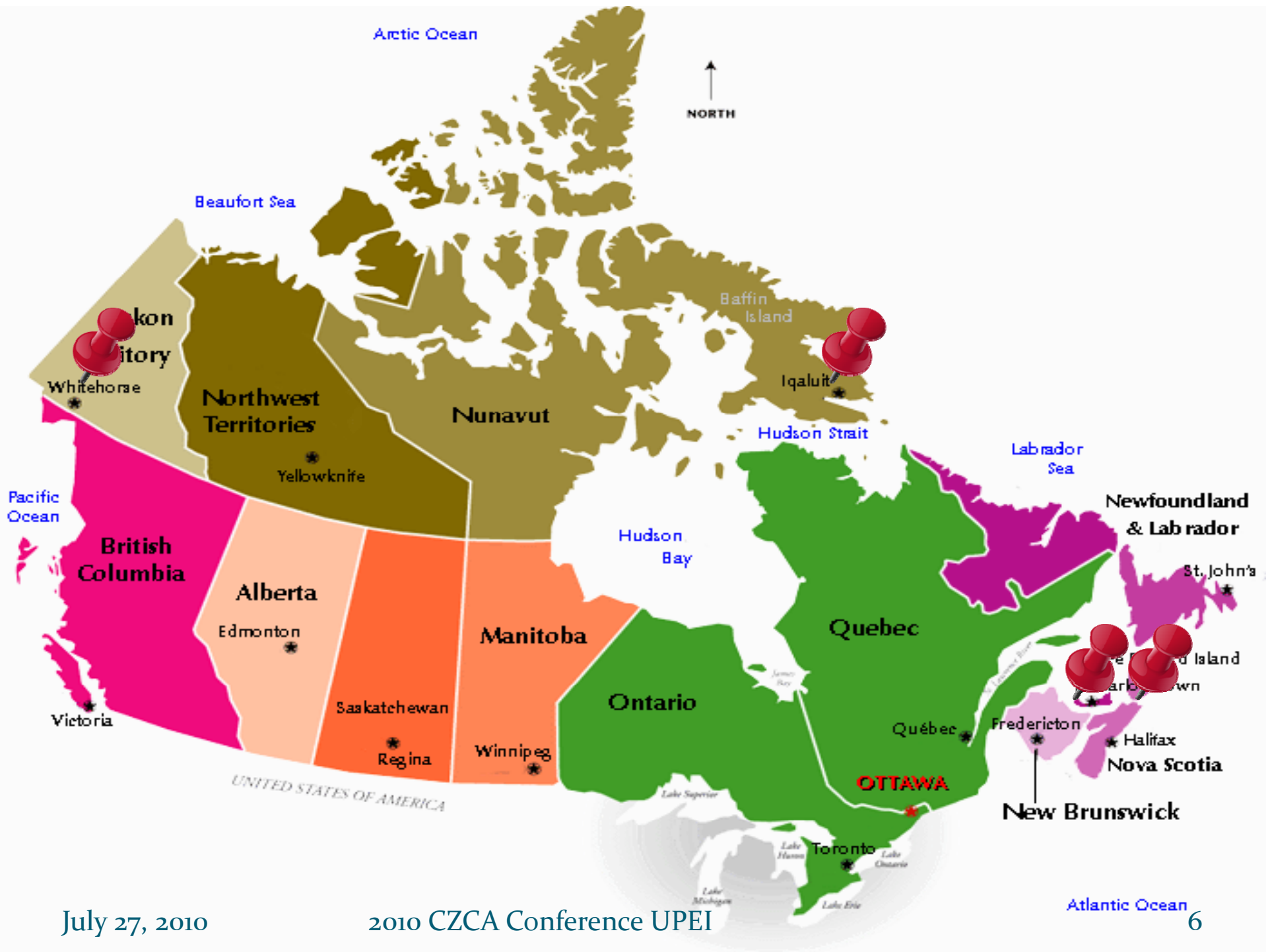
SSHRC CRSH

Coastal Climate Adaptation Strategies



Agenda

1. John Clarke, C-Change Operations Manager
 - Community adaptation to coastal climate change: Canada and the Caribbean
2. Team Researchers
 - Project methodology: University research and community practice
3. Michael Sutherland, Co-Applicants UWI
 - Caribbean community-university experience
4. Q&A/Closing



July 27, 2010

2010 CZCA Conference UPEI





Methodology - principles

- Manage problem solving
- Visualize information
- Capture key community participants' perceptions, priorities, ideas
- Mobilize local initiatives (bottom-up)
- Provide support for decision making and preparedness

C-CHANGE

IDRC * CRDI

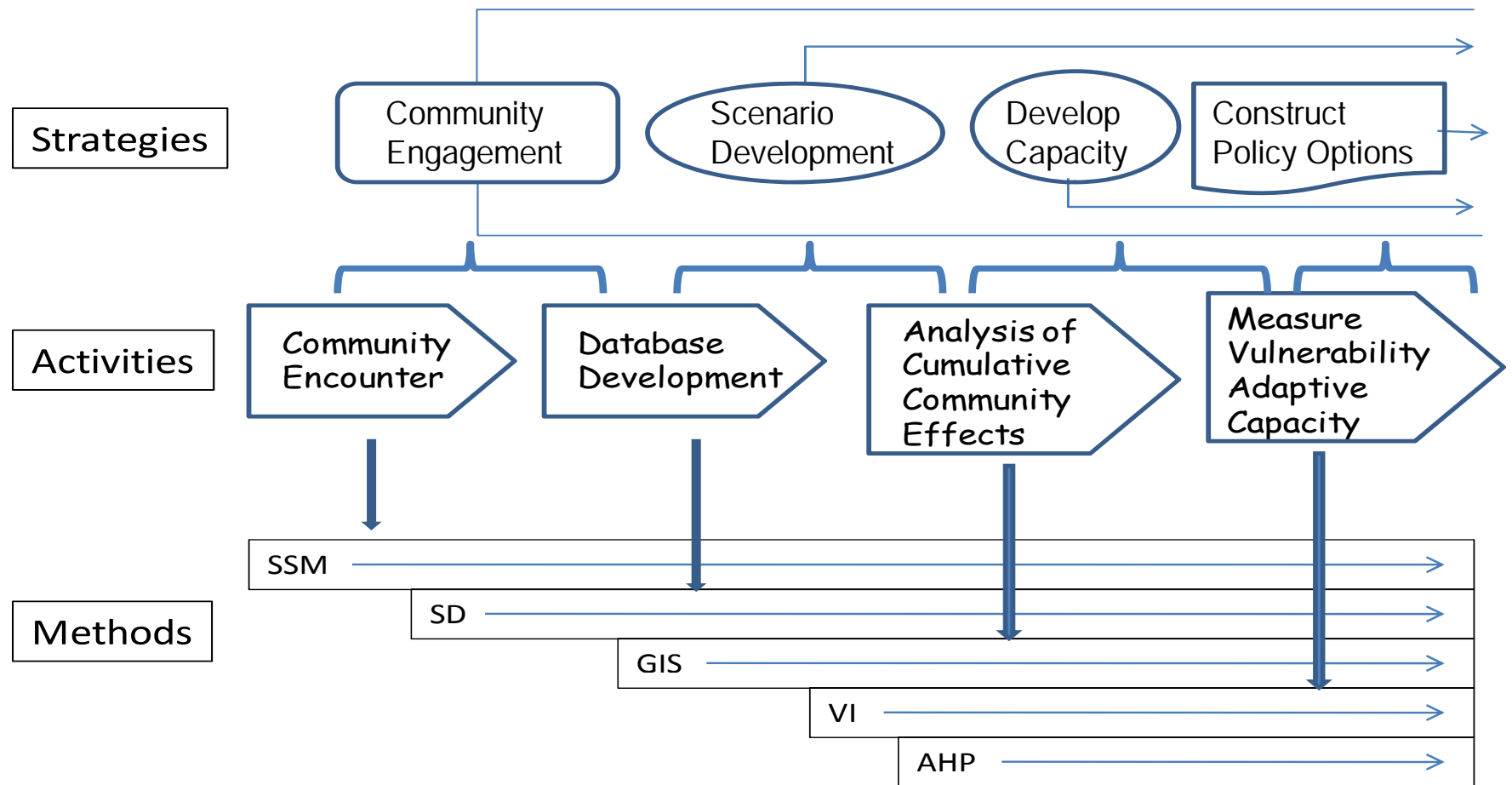
CANADA-CARIBBEAN

SSHRC CRSH

Coastal Climate Adaptation Strategies



Research Process



C-CHANGE

IDRC  CRDI

CANADA-CARIBBEAN

SSHRC  CRSH

Coastal Climate Adaptation Strategies



July 27, 2010

2010 CZCA Conference UPEI



Workshop Agenda

<i>Item</i>	<i>Description</i>	<i>Speakers*</i>	<i>Time</i>
1	Welcome and Roundtable of Speakers	Dan Lane	13:30-13:35
2	Community adaptation to coastal climate change: Canada and the Caribbean	John Clarke	13:35-13:50
3	Project methodology: University research and community practice	C-Change Research Associates	13:50-14:20
4	Caribbean community experience	Micheal Sutherland	14:30-14:45
5	Q&A/Closing	Audience/Panel	14:45-15:00



Methodology

1. Problem definition
2. Data collection and community database (SSM, SD)
3. Visual modelling (GIS)
4. Vulnerability modelling (VI)
5. Adaptive capacity and resilience modelling (VI, RI)
6. Development and assessment of policy options (SD)
7. Evaluation of group decision making (AHP)
8. Implementation of local adaptation planning and action frameworks

C-CHANGE

IDRC * CRDI

CANADA - CARIBBEAN

SSHRC CRSH

Coastal Climate Adaptation Strategies



Acknowledgements

- C-Change
 - www.coastalchange.ca
 - www.facebook.com/coastalchange

