



# CHARLOTTETOWN

PLANNING, DEVELOPMENT & HERITAGE DEPARTMENT

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January 12, 2012

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East, Ottawa ON K1N 6N5

Dear Dr. Lane:

## **Re Community Partner Participation in the Canada Caribbean C-CHANGE ICURA Project**

Through my involvement with the City of Charlottetown, I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Charlottetown, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

The C-CHANGE project has worked to improve local understanding of:

- past and predicted changes in sea level rise, as determined from the latest local and international data and projections on climate change; as well as
- the existing and potential impacts to the infrastructure, environments and culture of our community as a result of these changes.

Specifically, here in Charlottetown, C-CHANGE researchers and graduate students working collaboratively with community partners have:

- supported the efforts of municipal staff to improve local awareness and capacity;
- examined data on the City of Charlottetown mitigation strategies;
- presented a C-CHANGE mini-symposium on coastal climate change at the bi-annual international conference of Coastal Zone Canada (Charlottetown PE July 2010);
- conducted site specific, LiDAR enhanced predictive modeling of sea level rise and potential increases in storm surge levels that could affect the immediate area including developing and presenting updated flood scenarios to Council ; and



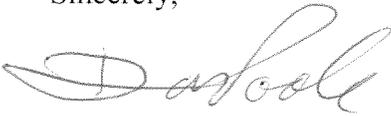
# CHARLOTTETOWN

## PLANNING, DEVELOPMENT & HERITAGE DEPARTMENT

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Given the increasing body of scientific and local information that improves our understanding of the potential for substantive climate change in the upcoming century, the C-CHANGE project continues to assist our community in advancing its understanding, planning and adaptation to these changes. To this end, I am delighted to reaffirm our support for the Project and I look forward to collaborating further with the C-CHANGE team in the near future to assess the impact on local economic, social, cultural and our built environment conditions due to sea level rise.

Sincerely,



Don Poole  
Manager of the Planning Department  
City of Charlottetown, PEI



Marine Research Centre, Université Sainte Anne  
3433, Highway 206  
Petit de Grat, Nova Scotia B0E 2L0  
December 20<sup>th</sup>, 2011

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East, Ottawa ON K1N 6N5

Dear Dr Lane:

**Re Community Partner Participation in the Canada Caribbean C-CHANGE ICURA Project**

As Director of Université Sainte Anne's Marine Research Centre I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Isle Madame, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

The C-CHANGE project has worked to improve local understanding of:

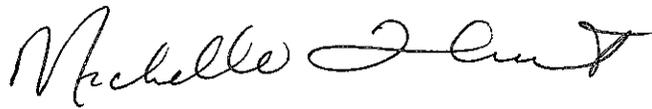
- past and predicted changes in sea level rise, as determined from the latest local and international data and projections on climate change; as well as
- the existing and potential impacts to the infrastructure, environments and culture of our community as a result of these changes.

Specifically, here on Isle Madame, C-CHANGE researchers and graduate students working collaboratively with community partners have:

- supported the efforts of municipal staff to improve local awareness and capacity;
- brokered collaboration among leaders from diverse community organizations (County of Richmond, DIMA, Université Sainte- Anne) towards improving local awareness and capacity;
- engaged local participants in the development of an historic photographic database on sea level rise and severe weather along the coast of Isle Madame;
- conducted on site evaluation of sea level change impacts to the local environment using Real Time Kinematics (RTK) survey systems;
- completed research to identify and assess alternative adaptation scenarios to address imminent changes in local conditions;
- investigated opportunities through the Centre for Geographical Sciences (COGS) for acquiring LiDAR data for Isle Madame

Given the increasing body of scientific and local information that improves our understanding of the potential for substantive climate change in the upcoming century, the C-CHANGE project continues to assist our community in advancing its understanding, planning and adaptation to these changes. To this end, I am delighted to reaffirm our support for the Project and I look forward to collaborating further with the C-CHANGE team.

Sincerely,

A handwritten signature in black ink that reads "Michelle Thériault". The signature is written in a cursive style with a large initial "M" and a stylized "T" at the end.

Michelle Thériault  
Marine Research Centre Director, Université Sainte Anne



- engage municipal and territorial leaders in a C-CHANGE panel on coastal climate change presented at the annual conference of the Canadian Society of Landscape Architects (Iqaluit, July 2011); and,
- advance knowledge of potential changes to local conditions, and the related impacts to local infrastructure and community assets.

This work is providing local scientific information that is essential in building our capacity to understand and adapt to climate change impacts in our community. To this end, I am pleased to write this letter of support for the Project and I look forward to collaborating further with the C-CHANGE team.

Sincerely,



Meagan Leach  
Director of Engineering and Sustainability  
City of Iqaluit



# TOWN OF GIBSONS

474 South Fletcher Road  
P.O. Box 340  
Gibsons, B.C. V0N 1V0

604.886.2274  
Fax: 604.886.9735  
www.gibsons.ca

January 11<sup>th</sup>, 2012

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East  
Ottawa, Ontario K1N 6N5

Dear Dr. Lane:

**Re: Community Partner Participation in the  
Canada Caribbean C-CHANGE ICURA Project**

As Town Planner for Gibsons, I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Gibsons, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

The C-CHANGE project has worked to improve local understanding of:

- past and predicted changes in sea level rise, as determined from the latest local and international data and projections on climate change; as well as
- the existing and potential impacts to the infrastructure, environments and culture of our community as a result of these changes.

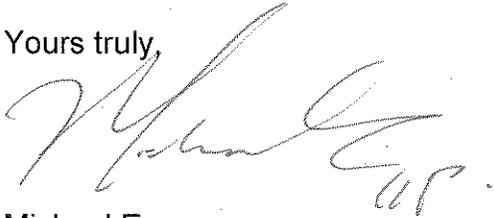
Specifically, here in Gibsons, C-CHANGE researchers and graduate students working collaboratively with community partners have:

- supported the efforts of municipal staff to improve local awareness and capacity;
- through graduate student research, developed and implemented a comprehensive survey of residents to identify the status of local awareness and knowledge of climate change, the anticipated roles to be played by key individuals in advancing planning for adaptation, and the existing resources available to the community.



Given the increasing body of scientific and local information that improves our understanding of the potential for substantive climate change in the upcoming century, the C-CHANGE project continues to assist our community in advancing its understanding, planning and adaptation to these changes. To this end, I am delighted to reaffirm our support for the Project and I look forward to collaborating further with the C-CHANGE team.

Yours truly,

A handwritten signature in cursive script, appearing to read "Michael Epp". The signature is written in black ink and is positioned to the right of the typed name.

Michael Epp  
Municipal Planner



**Warren Olsen**  
CHIEF ADMINISTRATIVE OFFICER

December 21, 2011

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East, Ottawa ON K1N 6N5

Dear Dr. Lane:

**Re Community Partner Participation in the Canada Caribbean C-CHANGE ICURA Project**

As Chief Administrative Officer (CAO) for the Municipality of the County of Richmond, I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Isle Madame, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

The C-CHANGE project has worked to improve local understanding of:

- past and predicted changes in sea level rise, as determined from the latest local and international data and projections on climate change; as well as
- the existing and potential impacts to the infrastructure, environments and culture of our community as a result of these changes.

Specifically, here in Richmond County, C-CHANGE researchers and graduate students working collaboratively with community partners have:

- supported the efforts of municipal staff to improve local awareness and capacity;
- brokered collaboration among leaders from diverse community organizations (County of Richmond, DIMA, Université Sainte- Anne) towards improving local awareness and capacity;
- engaged local participants in the development of an historic photographic database on sea level rise and severe weather along the coast of Isle Madame;
- conducted on site evaluation of sea level change impacts to the local environment using Real Time Kinematics (RTK) survey systems;

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Dr. Daniel Lane Co-Director (Canada)  
C-CHANGE ICURA Project  
December 21, 2011  
Page 2

- completed research to identify and assess alternative adaptation scenarios to address imminent changes in local conditions;
- investigated opportunities through the Centre for Geographical Sciences (COGS) for acquiring LiDAR data for Isle Madame

Given the increasing body of scientific and local information that improves our understanding of the potential for substantive climate change in the upcoming century, the C-CHANGE project continues to assist our community in advancing its understanding, planning and adaptation to these changes. To this end, I am delighted to reaffirm our support for the Project and I look forward to collaborating further with the C-CHANGE team.

Sincerely,

A handwritten signature in black ink, appearing to read 'Warren Olsen', with a long horizontal flourish extending to the right.

Warren Olsen, CAO

Université Sainte Anne, campus Petit de Grat  
3433, Highway 206  
Petit de Grat, Nova Scotia B0E 2L0

December 20<sup>th</sup>, 2011

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East, Ottawa ON K1N 6N5

Dear Dr. Lane:

**Re Community Partner Participation in the Canada Caribbean C-CHANGE ICURA Project**

As Director of Université Sainte Anne, I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Isle Madame, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

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Specifically, here on Isle Madame, C-CHANGE researchers and graduate students working collaboratively with community partners have:

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Sincerely,

A handwritten signature in black ink, appearing to read "Bruce Joshua", with a long, sweeping horizontal line extending to the right.

Bruce Joshua  
Directeur de l'Université Sainte Anne, campus Petit de Grat



December 31, 2011

2575 Hwy 206  
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B0E 1A0

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Visit us at:  
www.growislemadame.com

Dr. Daniel Lane, Co-Director (Canada)  
C-CHANGE ICURA Project  
Telfer School of Management  
University of Ottawa  
55 Laurier Avenue East, Ottawa ON K1N 6N5

Dear Dr. Lane:

**Re Community Partner Participation in the Canada Caribbean C-CHANGE ICURA Project**

As Director of [USA Centre / DIMA ], I have been collaborating with the C-CHANGE International Community Research Alliance (ICURA) research team to improve planning for adaptation in Isle Madame, one of the C-CHANGE Canada communities of interest. Since 2009, C-CHANGE researchers and graduate students have been at work in my community profiling community assets, and identifying the current and potential threats posed by change in the coastal climate, with specific interest in those threats associated with severe weather, storm surge, and sea level rise.

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Sincerely,

A handwritten signature in black ink, appearing to read "Joël Bowen".

Joël Bowen  
Chairperson

**Our Island. Our Future!**

