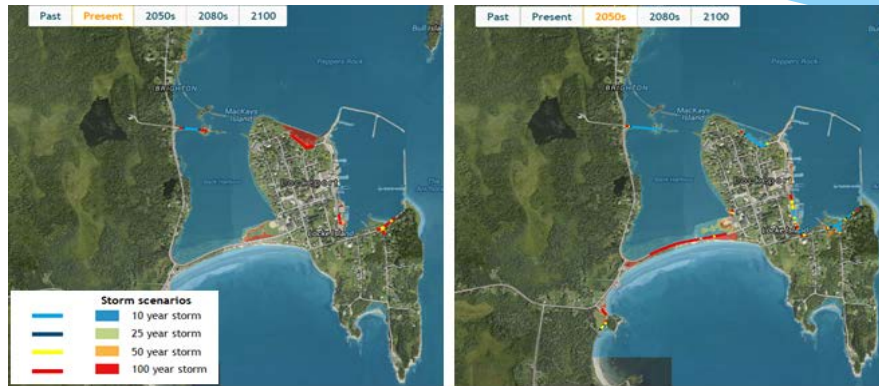


Partnership for Canada- Caribbean Community Climate Change Adaptation

International Research Initiative on Adaptation to Climate Change (IRIACC)
Ottawa • 13 April 2016



Advancing Knowledge: Foundational and Decision-Relevant Knowledge at Each Study Area



(a) Present

(b) 2050s



(c) 2080s

(d) End of the century

**Sea Level Rise/Storm Surge/Inland
Flood Inundation Risk**

- * Over 600 interviews with key informants and the public, including highly vulnerable sub-groups.



**Community Based Vulnerability
Assessment**

Turning Risks into Opportunities



**LET'S EAT IT
TO
BEAT IT !**

1 LIONFISH EATS ~ 20 JUVENILE FISH PER DAY



**PROTECT OUR FISH
PLAY YOUR PART
EAT A LIONFISH TODAY!**

For additional information on the
MTASIS Project in Jamaica and invasive alien species,
contact: GEF/NET/IOAS MTASIS Project
The National Environment & Planning Agency,
15 Seaford Avenue, Kingston 5
Tel: (876) 754 7540
www.nepa.gov.ja/projects
www.cla-net.org

nepa
National Environment
and Planning Agency

Ministry of the Marine
and Fisheries
Marine Fisheries
Minister's Office

gef
Global Environment
Facility

UNEP
United Nations
Environment Programme

cbd
Convention on Biological
Diversity

Advancing Knowledge: Understanding Governance is Vital to Adaptation Action

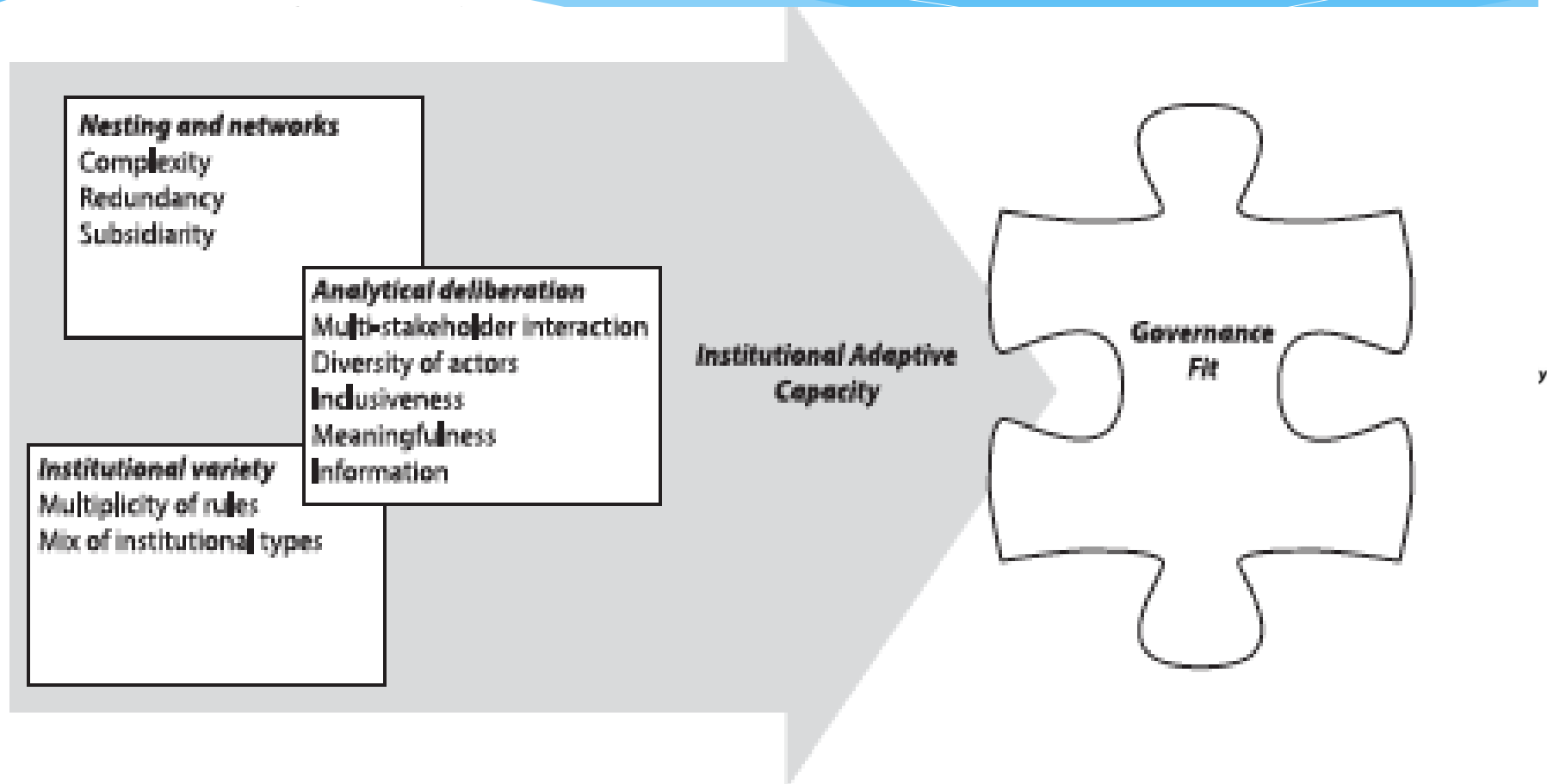
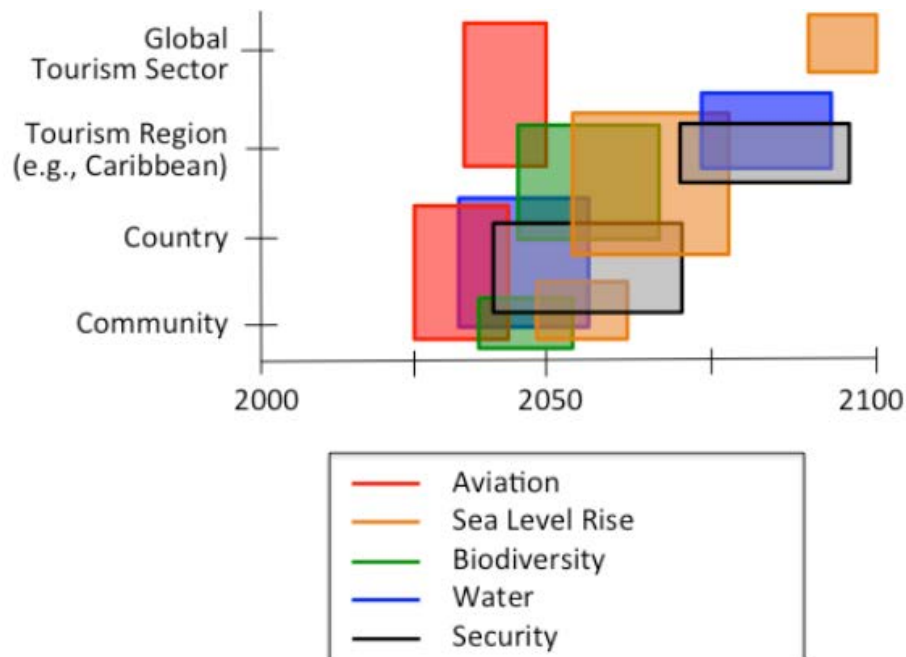


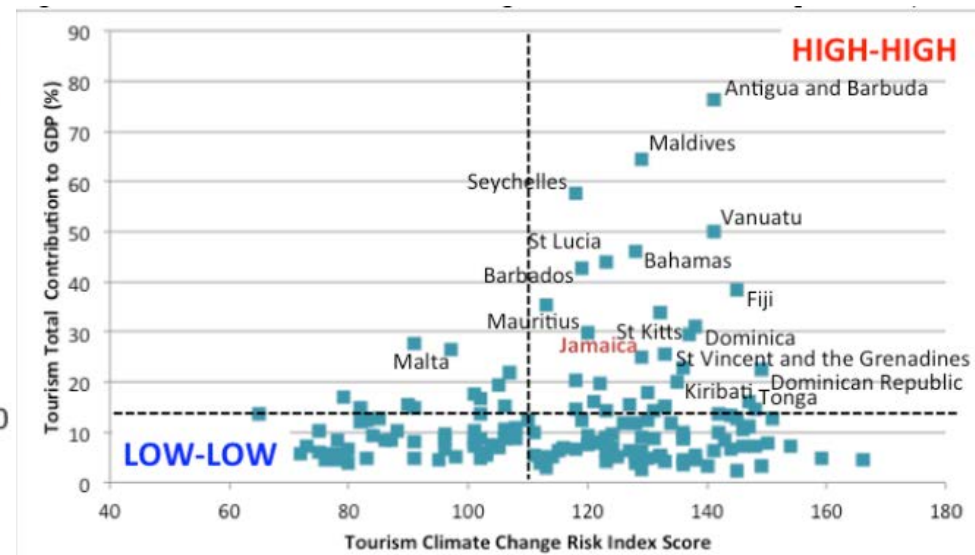
Fig. 1. Institutional adaptive capacity and governance fit.

Advancing Knowledge: Understanding Transboundary Risks

The Adaptation Matrix: Multi-Dimensional, Multi-Scale Challenges for the Tourism Sector



Scaling-Up: Comparative Assessment of SIDS Tourism Vulnerability



Shaping Policy and Practice: PEI Developing a New Coastal Strategy

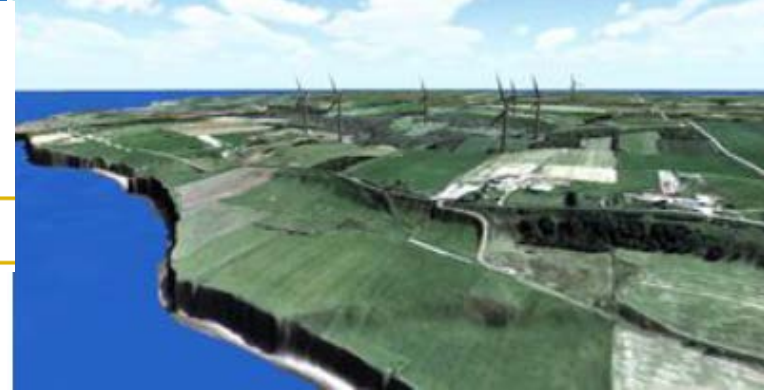
Adam Fenech demonstrates
CLIVE to PEI Environment
Minister Janice Sherry



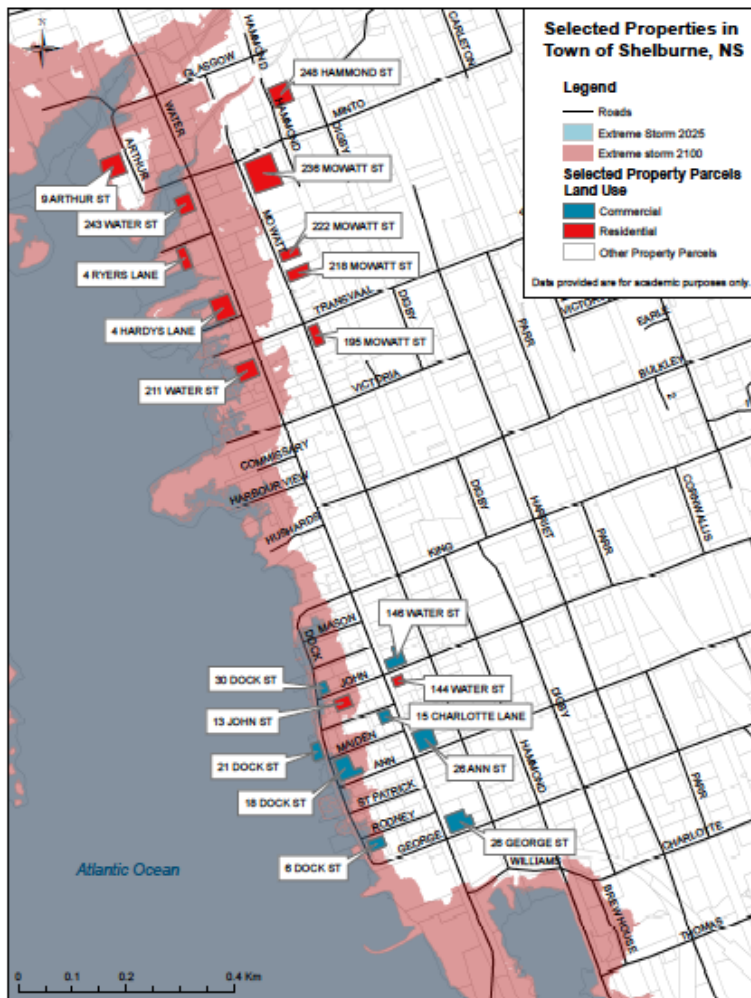
IIPEI Insider

THE INSURANCE INSTITUTE OF PRINCE EDWARD ISLAND

Visualizing the Risk of Rising Sea Levels to PEI
Coastal Properties and Infrastructure: The CLIVE Tool



Shaping Policy and Practice: Informing Evolving Canadian Flood Policy



Integrating climate change into insurance flood model and simulating inland flooding during strong storm surge event.

Public Survey
Flood Policy in Canada is Changing
Have Your Say

Change in Coastal Flood Risk and Insurability



Timing and Program Agility Were Important

Extreme Weather and Climate – Measured Response?

Big Thinking on the Hill breakfast lecture series that brings leading Canadian researchers in the social sciences and humanities to Parliament to speak on policy-relevant topics with MPs, senators, public servants, and other stakeholders.



FEDERATION FOR THE
HUMANITIES AND
SOCIAL SCIENCES



ParCA insurance pilot projects now represent 2 of top 3 industry research priorities (based on network survey in 2016)

Shaping Policy and Practice: Adaptation Visioning with Island Planning Authorities



Actionable Adaptation Planning

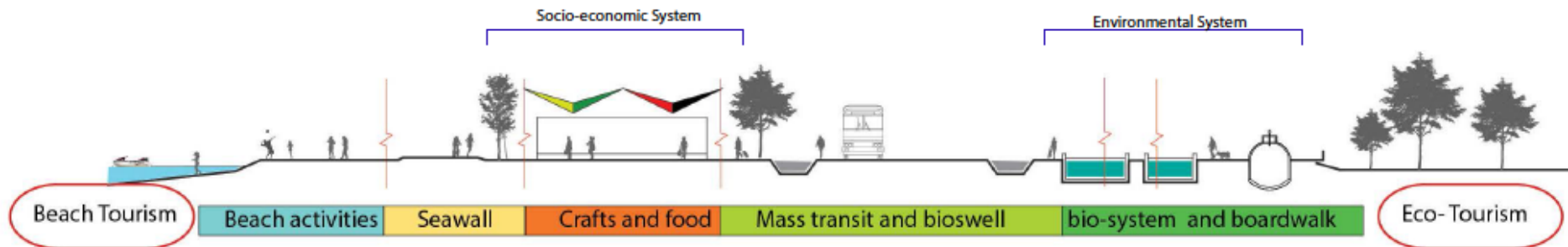
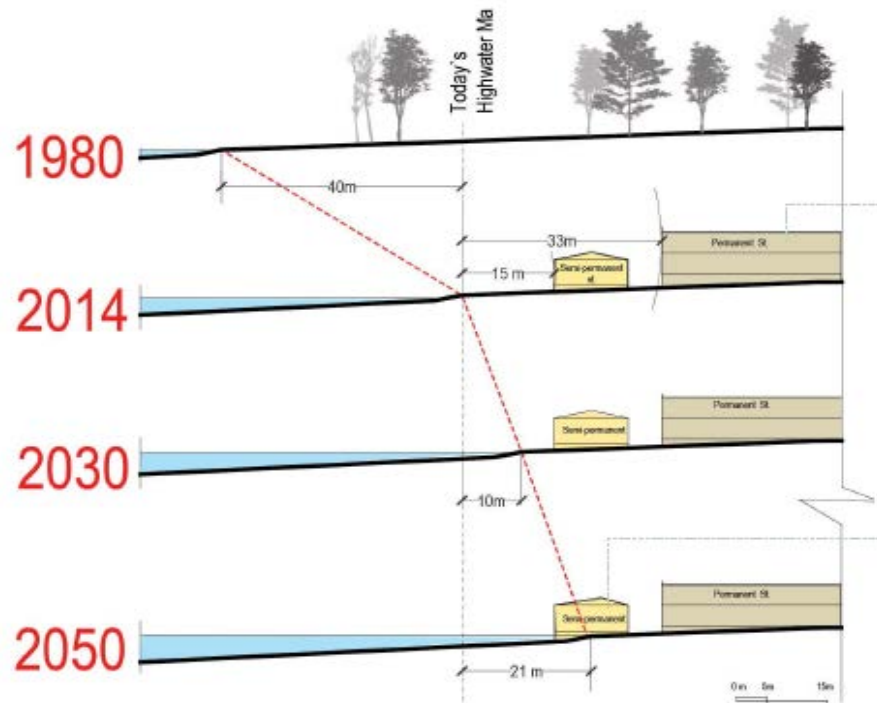


Figure 8. Longitudinal cross-section showing the blending of tourism activities, economic activities and public infrastructures

Shaping Policy and Practice: International Sectoral Influence

Coastal Setbacks in Latin America and the the Caribbean: Final Report

A study of emerging issues and trends
that inform guidelines for
coastal planning and development

A report prepared for the
Inter-American Development Bank

by

Murray Simpson, Ph.D.,
Colleen S.L. Mercer Clarke, Ph.D., FCSLA,
John D. Clarke, P.Eng.,
Daniel Scott, Ph.D.,
Alexander J. Clarke, B.A.(Hons), B.Ed., OCT

October 2012

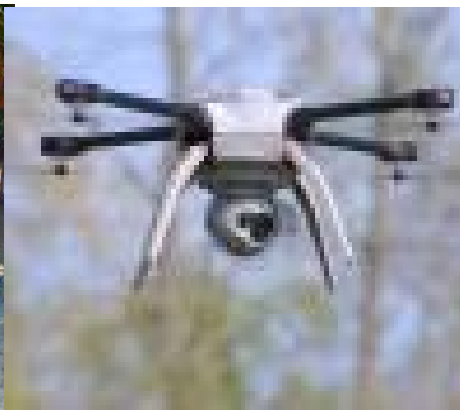


Climate resilient webinar to
130 leaders in industry and
NGOs worldwide

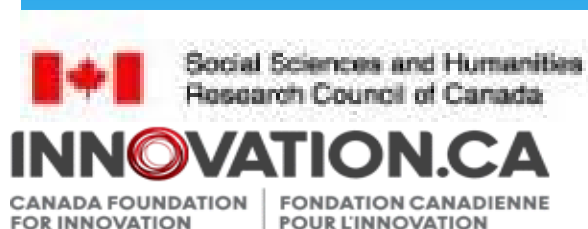



Training the Next Generation of Adaptation Researchers and Practitioners

- ◆ Set out to recruit/train 29 HQP and this number has been **exceeded** (currently at 41).
- ◆ Also engaged over **40 additional students** in ParCA research program through courses at UW and UWI.
- ◆ Community partner training and exchanges
- ◆ Practitioner guides on:
 1. Climate change planning for smaller communities
 2. Application of UAVs for coastal change research



ParCA's Evolving Network





Developing a Network of Centres of Excellence (NCE) Proposal

Objectives

- * Stimulate multi-disciplinary, multi-sectoral research excellence on priority knowledge gaps;
- * Convene and unite the efforts of Canada's dispersed research excellence and practitioner capacity to enhance coordinated climate adaptation;
- * Accelerate the mobilization of research results across government, business, and non-profit sectors, as well as First Nations and professions;
- * Fill critical skills gaps and build capacity for adaptation;
- * Catalyze an enduring network and establish Canada as a global leader in climate adaptation; and,
- * Build a climate-responsible NCE operational model





Program Design Comments

- * Original program design characteristics remain highly relevant
- * HQP Recruitment Period
- * Research program and resourcing agility
- * Common financial reporting and central finance facility
- * Funded teaching release time or in-kind requirement of universities for PIs
- * Clarity on project extensions
- * Interface of Adaptation and Decarbonization Transformation



Gracias **THANK YOU!**
THANK YOU
Danke Schön
OBRIGADO
MERCI
obrigado
TACK. *تَكَرَّ*
merci
thank you
BEDANKT
TACK
Grazie
bedankt
תודה
grazie



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada



Extras

ParCA Paper Views: Value of a Press Release

ACADEMIA



Daniel Scott

University of Waterloo, Geography and Environmental Management

You're now in the top 1% of researchers on Academia

THIRTY-DAY STATISTICS

692

PROFILE VIEWS

683

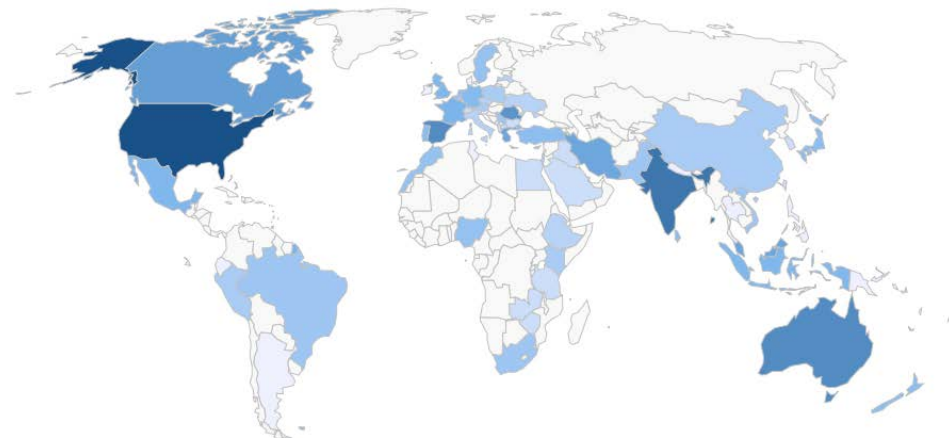
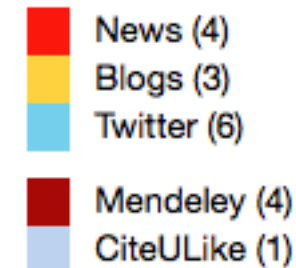
DOCUMENT VIEWS

18 *D. Scott et al.*

Acknowledgements

The support of the International Research Initiative on Adaptation to Climate Change programme, funded jointly Canada's International Development Research Centre and research granting councils (the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council, and the Social Sciences and Humanities Research Council) is gratefully acknowledged.

Altmetric score





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How to take a screenshot

All welcome

Home / All welcome

This is the Community of Practice page for the ParCa and GIVRAPD projects. The Community of Practice (CoP), aims to facilitate the generation of ideas and sharing of knowledge among academics and experts involved with these projects.

Search

ParCA
Partnership for Canada-Caribbean
Community Climate Change Adaptation

CDKN
Climate & Development
Knowledge Network

IDRC | CRDI

The CoP is led by The CARIBSAVE Partnership and funded by the Climate and Development Knowledge Network (CDKN) and the International Development Research Centre (IDRC)

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REGISTER LOG IN

Learning Sites

- St Lucia
- Jamaica
- Mauritius
- Seychelles

Site Map Latest News Contact us

- ◆ ParCA has also established a **Community of Practice** platform to connect practitioners and researchers in Small Island States.
- ◆ Build out in 2014 with LU partners

Plain Language Open Access Synthesis Reports in Each Study Area

CLIMATE CHANGE VULNERABILITY AND ADAPTATION IN TOBAGO



Photo credit: Amanda Palmer

 Partnership for Canada-Caribbean Community Climate Change Adaptation

March 31, 2016

Core Adaptation Challenges

Enabling Platforms

