



PCIC Development

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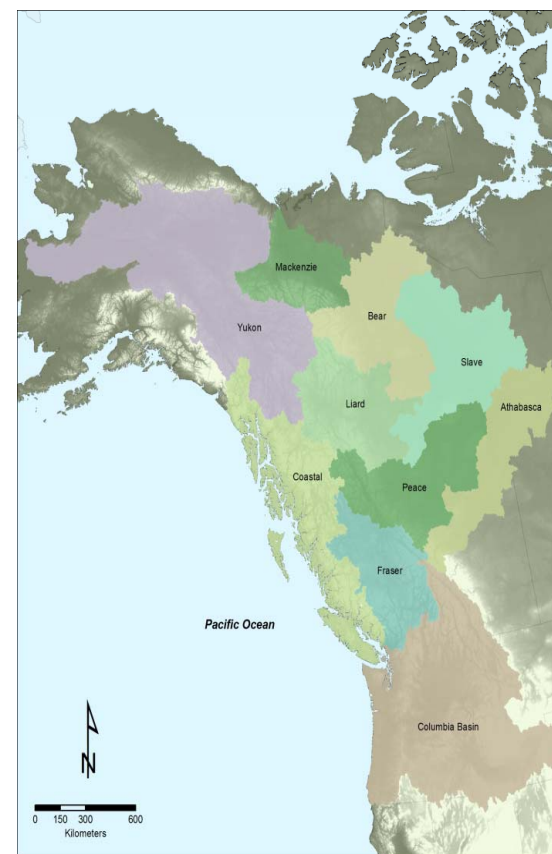
Dr. Howard Brunt, VP Research, UVic; Chair of the Corporate Board of Directors

20 APR 2010

PCIC Vision *

A vision for a consortium emerged ... *to stimulate the **collaboration** of government, academia and industry to **reduce vulnerability** to extreme weather events, climate variability and the threat of global change. The consortium for climate impacts will **bridge the gap** between climate research and climate applications, and will make practical information available to government, industry, and the public.*

* - Organizational Workshop (May, 2005)

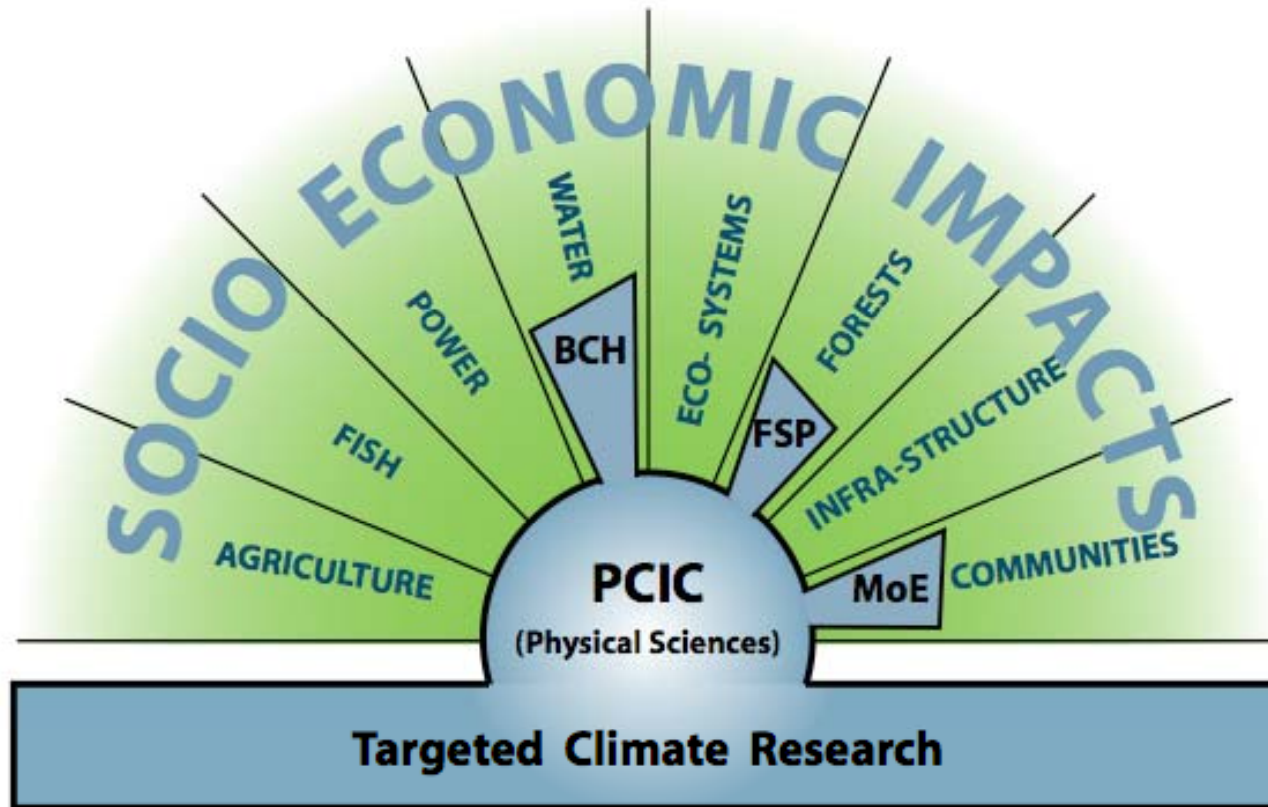


Scope

The Scope of the Pacific Climate Impacts Consortium

- *quantitative results within the physical sciences*
- *a description of climate, its variability and change, including extreme events*
- *in BC and Pacific North America*
- *a rational basis for **adaptation** to climate change impacts.*

Climate Impacts



Members and Associates of the Consortium

- **BC Hydro**
- **BC Ministry of Environment**
- **BC Ministry of Forests and Range**
- **Consortium Ouranos, Montreal**
- **Water-Climate Impacts Research Center (W-CIRC), EC, UVic.**
- **Pacific and Yukon Region, Environment Canada**
- **The Pacific Institute for Climate Solutions (PICS),**

Associates and collaborations

- Canadian Centre for Climate Modelling and Analysis (CCCma), EC, UVic
- Climate Modelling Laboratory, A.Weaver, SEOS, UVic
- Climate Impacts Group (CIG), University of Washington
- Royal BC Museum
- Université du Québec à Montréal (UQAM)
- Columbia Basin Trust

PCIC Themes

- I. Regional Climate Impacts
- II. *Hydrologic Impacts*
- III. Ocean Influences
- IV. Climate Analysis

Hydrologic Impacts (the BC Hydro Project)

Grant Contribution Agreement (December 2006)

- Objective 1 – Climate Overview
- Objective 2 – Climate change scenarios – streamflow annual cycle
- Objective 3 – Climate change scenarios – runoff in the 2050s
- Focus: the Peace, Upper Columbia, and Campbell watersheds
- Startup in January 2007
- \$200K/year for four years (2007-2010)
- Matching \$support from BC MoE

Milestones - the BC Hydro Project

- *December 2006 – Joint Agreement*
 - *December 2007 – Research Plan*
 - *December 2007 - [Climate Overview](#), Hydro-climatology and Future Climate Impacts in British Columbia*
 - *July 2008 – Grant Contribution Agreement*
 - *May, Oct/09; Feb/10 - Meetings of the Technical Advisory Committee (TAC)*
 - *2008/10 – Modelling and analysis of the Peace, Campbell, and Upper Columbia*
 - *Reporting - Semiannual reports*
 - *Annual reports with financial statements*
 - *Multiple presentations at technical meetings*
 - ***April 2010 – Joint Workshop – Accomplishments and Vision***
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 - *During CY 2010 – [Reports](#) (4)*
 - *By December 2010 – [Synthesis Report](#)*
 - *Technical papers*
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Thank you

For more information

www.PacificClimate.org



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