

The Institutional Adaptation to Climate Change (IACC)Project

Stakeholder Workshop on Water
and Climate, Lethbridge

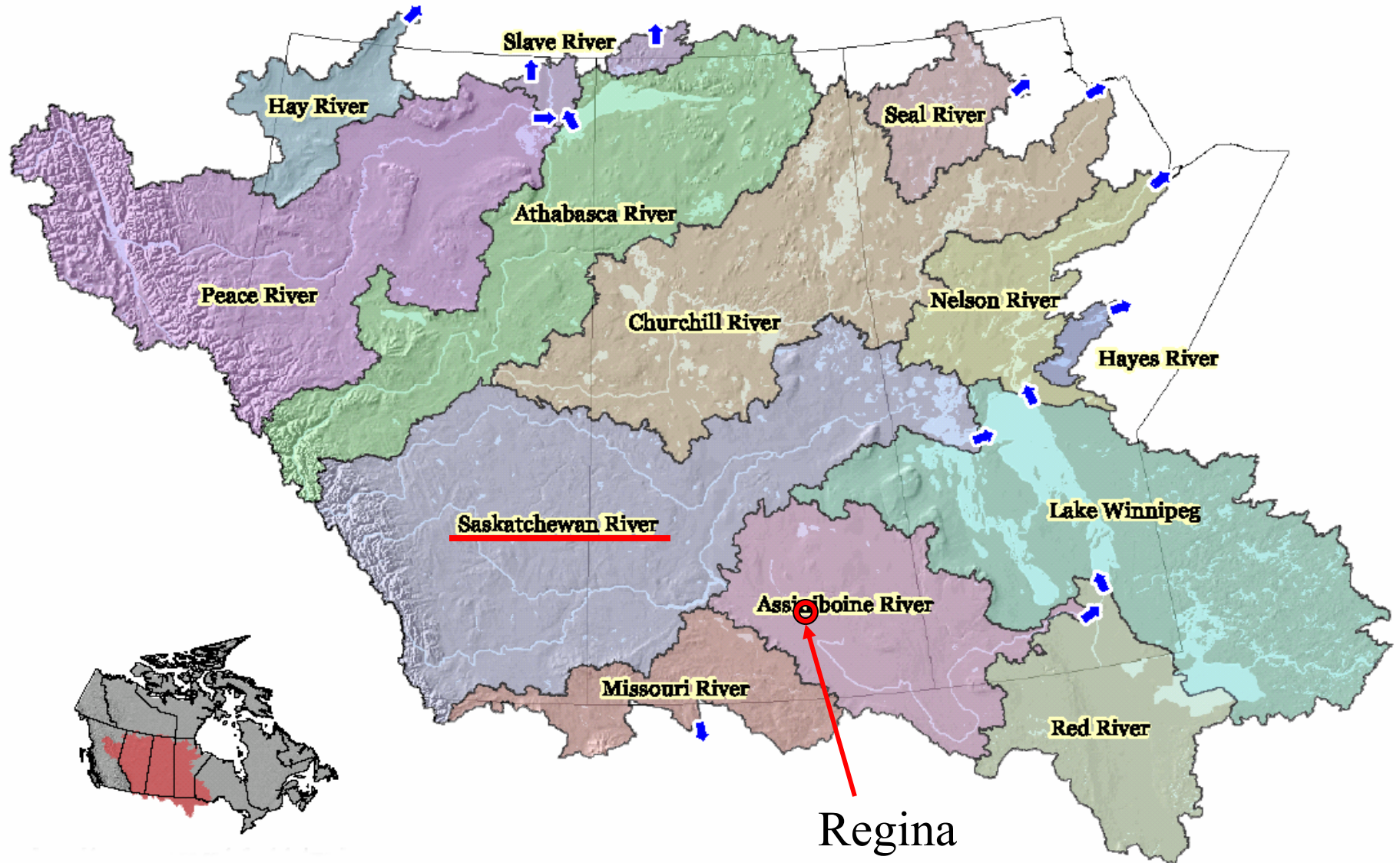
Dec 1, 2006

A study of two river basins

The Elqui Basin, Coquimbo Region, Chile
(9,600 km²)

and

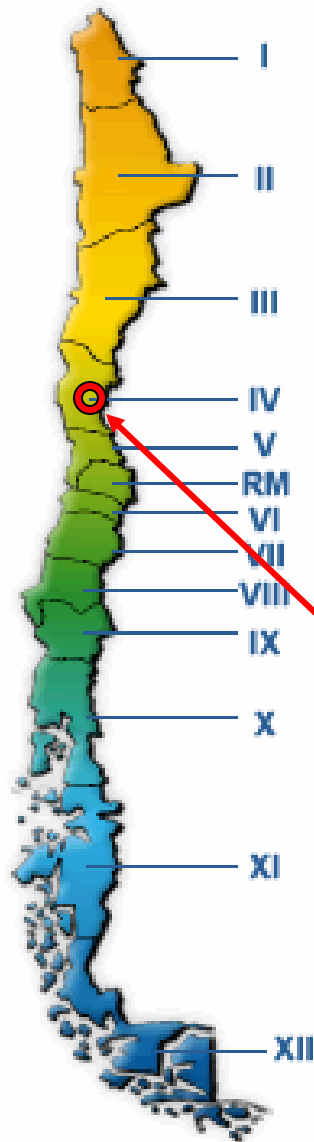
The South Saskatchewan River Basin, Canada
(420,000 sq. km.)



Source: Prairie Farm Rehabilitation Administration (PFRA)



CONAMA en Regiones



Region IV



Elqui River Basin

El Proyecto IACC

A research project supported by the Social Sciences and Humanities Research Council (2004-2008).

An interdisciplinary team composed by 30 researchers and research assistants.

With the partnership of five Canadian universities (Regina, Saskatchewan, Guelph, British Columbia, y Athabasca), a Chilean university (the Universidad de La Serena) and a large number of public and private agencies in Canada and Chile.

The IACC project.....

seeks to understand the adaptive capacities of rural communities and rural households and the roles played by governance institutions in the development of those capacities.

Research Objectives

- 1.To identify the current social and physical vulnerabilities of rural communities related to water resource scarcity in the two basins;
- 2.To examine the effects of climate change risks on the identified vulnerabilities; and
- 3.To assess the technical and social adaptive capacities of the regional institutions to address the vulnerabilities of rural communities to current water scarcity and climate change risks.

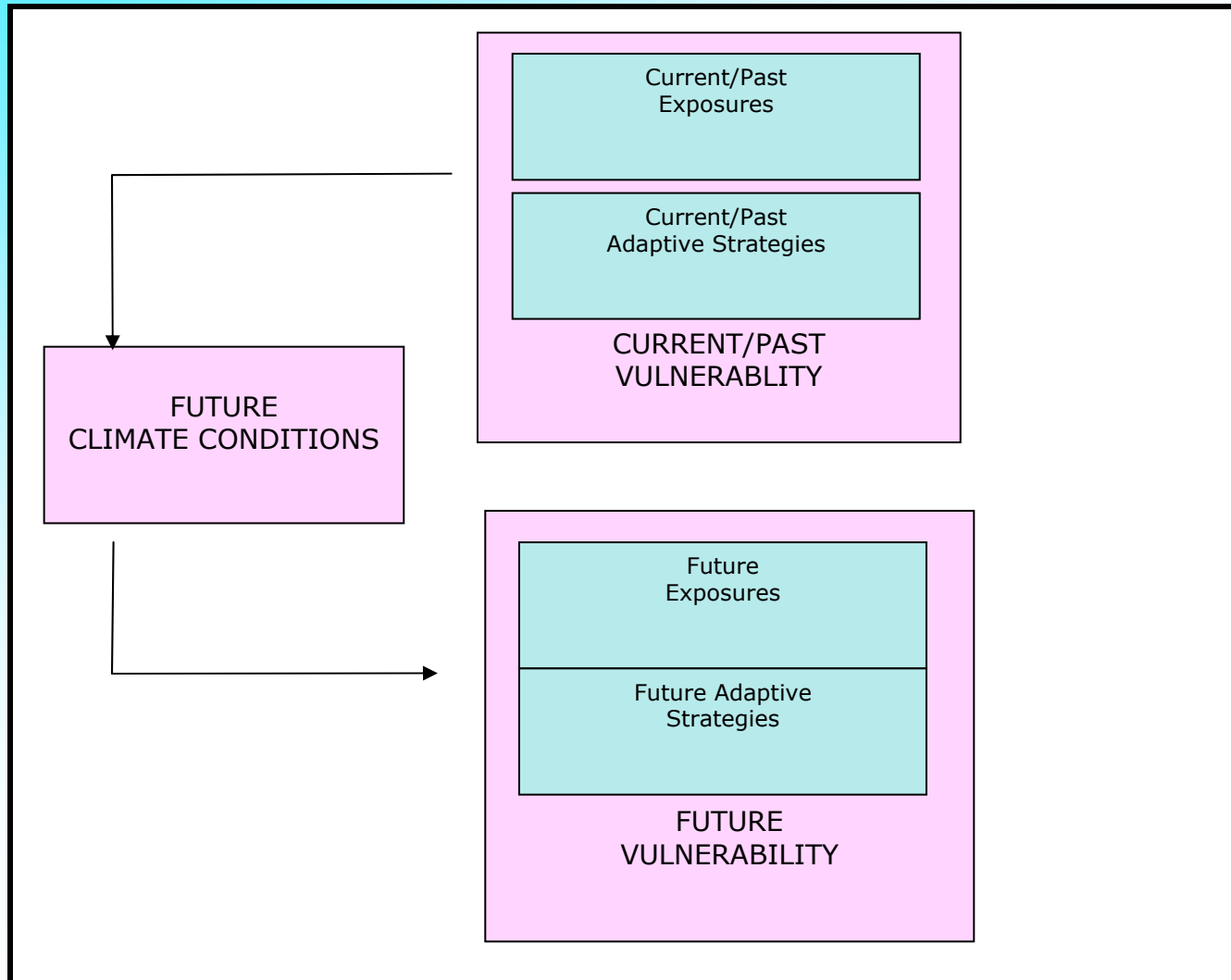
The Clusters

Cluster 1: An analysis of the current vulnerabilities of rural communities and households in the basins. It involves five interrelated research projects (2004-2007).

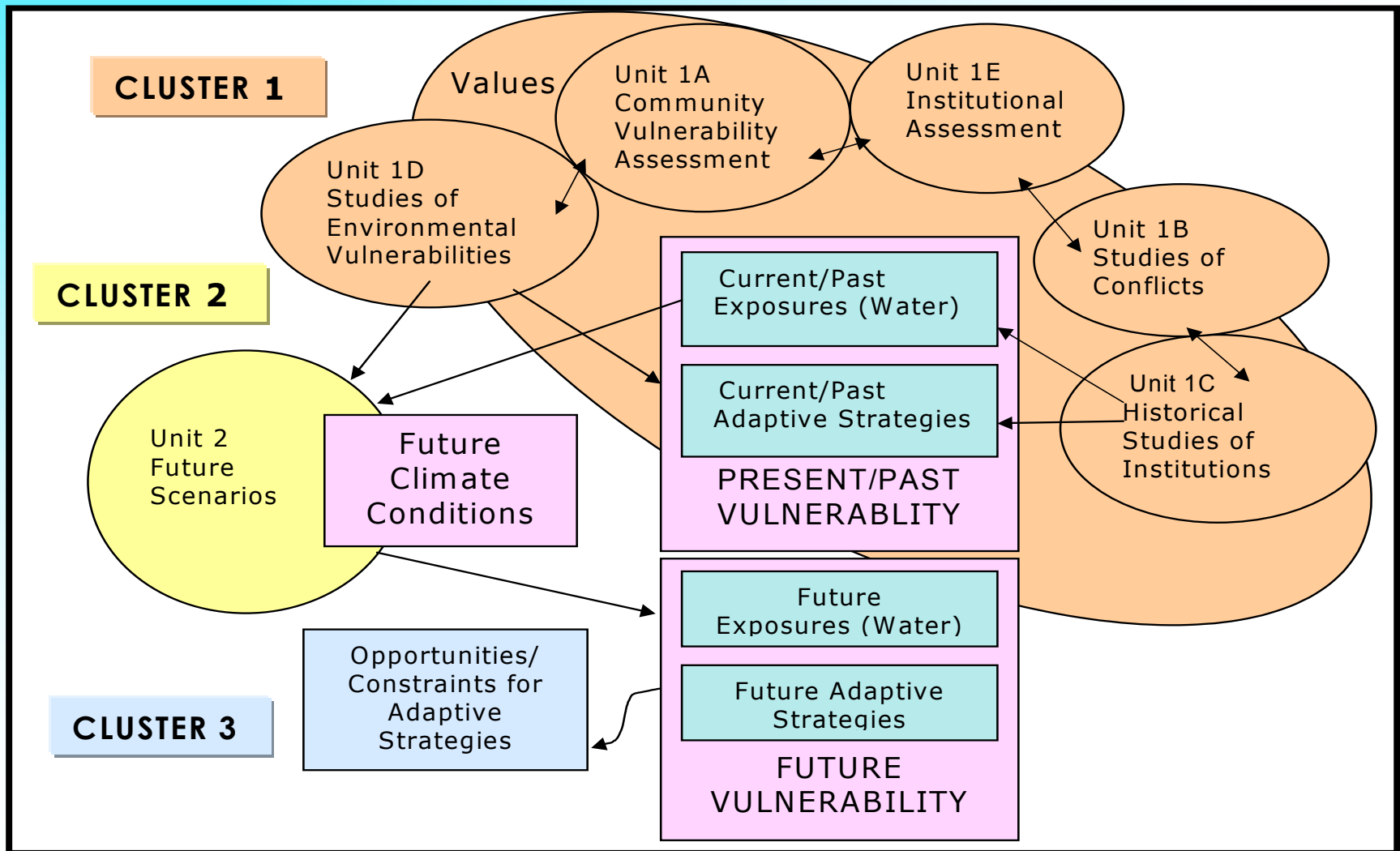
Cluster 2: An assessment of the future climate scenarios for the two basins and their potential impacts (2004 and 2007).

Cluster 3: An assessment of the capacities of governance institutions to deal with the future vulnerabilities of the rural communities (2008).

The Vulnerability Approach



The Organization of the Clusters



The purpose of the workshop

- To discuss water and climate issues and institutional needs.
- To report research results

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