

INSTITUTIONAL ADAPTATION TO CLIMATE CHANGE (IACC)

CANADA & CHILE

**University of Regina
Universidad de La Serena**

CWRA SASKATOON

Institutional Adaptation to Climate Change (IACC)

- **Funded by Social Sciences & Humanities Research Council of Canada (SSHRC)**
- **Major Collaborative Research Initiative (MCRI)**
- **Comparative Study - South Saskatchewan River Basin (SSRB) and the Elqui River Basin (ERB) in the Coquimbo Region of Chile**
- **\$2.34M was awarded to University of Regina - Jan 2004 to Dec 2008**
- **Unique inter-disciplinary project (natural and social sciences), and timely focus on climate, water and institutions**

Research in Two Study Basins...

South Sask River Basin, Canada (SSRB)

This large dryland basin covers southern Alberta and Saskatchewan, and has unique climate and water management challenges.

- **Rio Elqui River Basin, Chile (ERB)** This smaller basin is intensively irrigated with high value crops, and is near to the driest desert in the world, the Atacama.





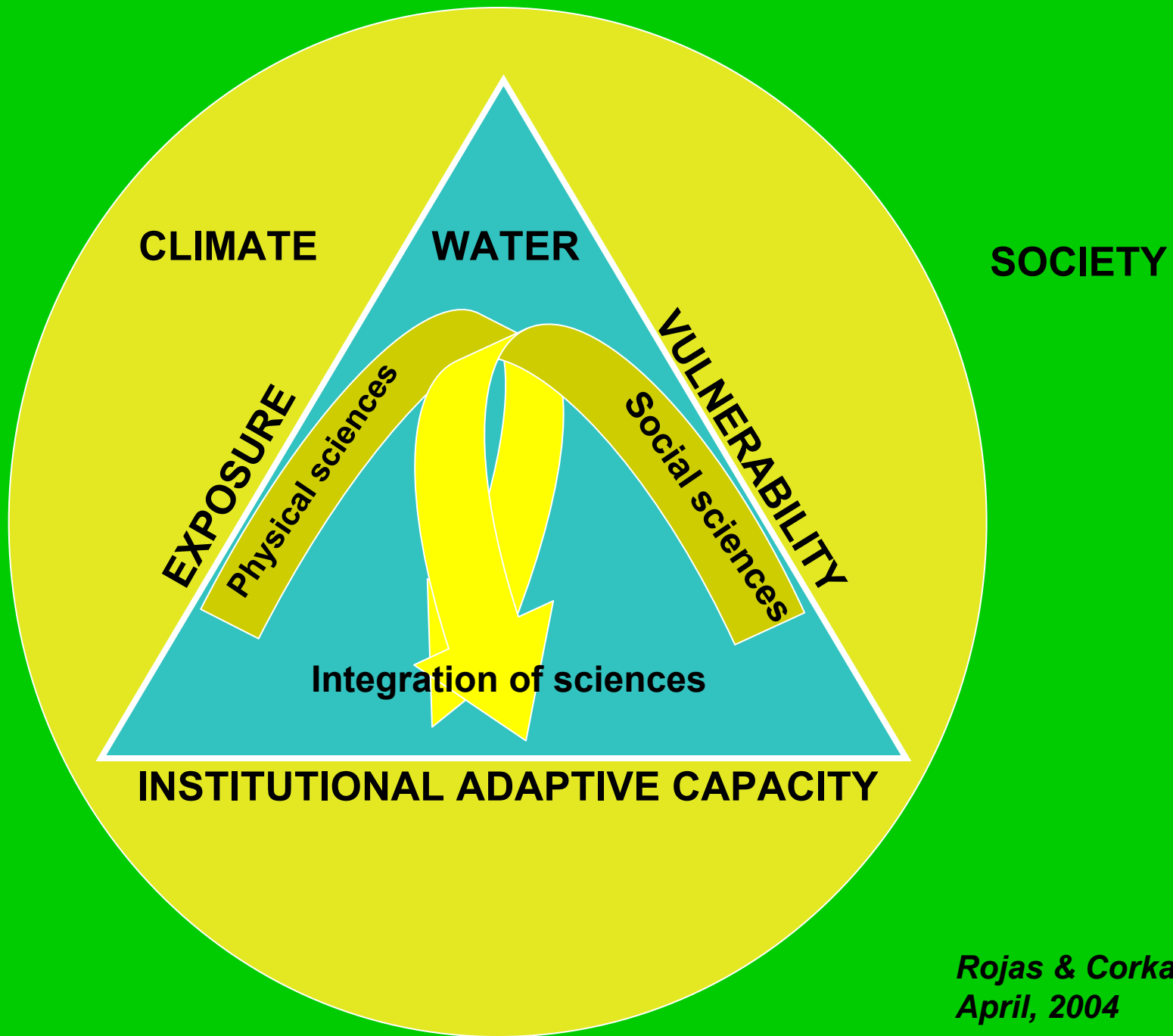
IACC

- **Project Goal:**

To develop a systematic and comprehensive understanding of the **capacities of regional institutions to formulate and implement strategies of adaptation to climate change risks and the projected impacts of C-C on the supply and management of water resources in dry land environments**

IACC Project Objectives:

- 1. Identify current vulnerabilities of rural communities to water and climate conditions**
- 2. Examine potential future scenarios of climate change and potential risks**
- 3. Evaluate regional institutional capacities to reduce the future vulnerabilities of rural communities to climate change and its impact on the hydrological resources**



*Rojas & Corkal,
April, 2004*

The Research Clusters

