



PONTIFICIA UNIVERSIDAD  
CATOLICA  
DE VALPARAISO



IRN – International Research Network “Water governance in America” CNRS, France  
Instituto de Geografía de la Pontificia Universidad Católica de Valparaíso.

## INTERNATIONAL SEMINAR CHALLENGES IN INTEGRATED WATER MANAGEMENT IN THE XX1st CENTURY Pontificia Universidad Católica de Valparaíso, Chile. March 2015, 23 & 24

### Main objective:

Present scientific, technological and managerial contributions in a multidisciplinary approach and identify challenges to design and implement public policies.

An example of thematic: surface and ground water, deterioration of water and ecosystems (diffuse pollution), urbanization and territorial planning, indigenous communities, weakness of information and management systems, economic evaluation of ecosystem service.

### *MONDAY, MARCH 23*

#### RECEPTION OF PARTICIPANTS at 9H00 – 10h00

##### SEMINAR

10h00 -12h30

14h00-19h00

**Challenges in integrated water management in the XX1st century. Socio-economic, climate, technology and institutional change.**

During the preparation phase of the seminar, the topics of presentations will be selected from the following three lines of work:

- New or emergent topics in integrated water management or responsibility to provide water and sanitation services. Technological and management innovations.
- Changes in external (climate, socio-economic process, technologies, institutions) and internal conditions (developments in the sector, cross-sectoral and cross-cutting issues, fragmentation in skills).
- Specific geographical areas: arid and semi-arid areas; urban and territorial issue, marginal and vulnerable areas, sustainable development.

Organization:

10h00-13h00: International and Latin America experiences.

14h30- 19h00: The case of Chile in Latin American context..

**Participants:** International experts from a wide range of scientific and technologic areas.

## TUESDAY, MARCH 24

### ROUND TABLE

10h00-13h00

**Water: a challenge for research and professional practices.**

This meeting aims to gather a group of international experts and students in social sciences (geography, sociology, law, history) and in engineering program. It intends to be a place to share management and research experiences and to identify the main challenges faced by XXIst century's youth in professional training and academic research.

**Participants:** Students, researchers and international experts.

### SEMINAR

14h30 -18h00

**(Continuation) Challenges in integrated water management in the XXIst century. Socio-economic, climate, technology and institutional change.**

We will keep working on the three analysis lines that we have previously determined.

Organization:

14h30 - 18h00: Urban Challenges

**Participants:** International experts from a wide range of scientific and technologic areas.

### OPEN SEMINAR

18h00-20h00

**Towards a new water scene: what changes for public policy?**

The objective is to present main challenges and critical issues to be considered for public policies.

- Socio-environmental and water conflicts: stakeholder participation.
- Governance: factors which influence efficiency and sustainability of services and investments (new factors, institutional and legal forms, fragmentation and sectorisation).

**Participants:** Open to any public.