



River Basin Adaptive Management in the Arid Americas

Science-Policy Workshop of the AQUASEC Center of Excellence for Water Security
Supported by the Inter-American Institute for Global Change Research (IAI)

Fortaleza, Brazil, May 10-11, 2014

With coordination for projects:

“Towards an Integrated Assessment of Water Security Under Global Change in the Americas”

“Innovative Science and Influential Policy Dialogues for Water Security in the Arid Americas”
(*AguaScapes*)

Fri. May 9

Participants arrive, check in to Hotel Praiaano

(Because many participants arrive late, have dinner on your own or in small groups informally)

Sat. May 10

9:00 – Welcome and introductions

9:15 – Workshop objectives

9:30 – Water security and adaptive management in a river basin context

10:00 – Synthesis of AQUASEC and two IAI-supported projects

10:30 – Coffee break

Status, current situation, and research and policy initiatives in basins of each country

11:00 – Chile summary reports and current perspectives (Raúl Díaz González, Sistema Paloma; Francisco Meza, CCG UC; Melanie Oertel, CCG UC)

12:00 – Argentina (José Luis Álvarez, DGI; Mario Salomón, DGI; Facundo Martín, conicet Argentina; Paula Mussetta; conicet Argentina)

1:00 – Brazil (Francisco de Assis, UFC; Marcelo Cauas Asfora, APAC; Suzana Montenegro, UFPE; Alfredo Ribeiro Neto, UFPE)

2:00 – Lunch

3:00 – Peru (Fernando Chiock, ANA)

4:00 – Mexico (César Lagarda, CONAGUA; Nicolas Pineda, El Colegio de Sonora)

5:00 – Coffee break

5:15 – U.S. (Jeff Tannler, AZ Dept. of Water Resources; Christopher Scott, University of Arizona; Willem van Leeuwen, University of Arizona)

6:15 – Summary and next day’s plans

6:30 – Adjourn

7:30 – Dinner, hosted by AguaScapes

Sunday May 11

9:00 – Status of “*Towards an Integrated Assessment of Water Security*”

9:15 – Status and Reformulation of AguaScapes

Researchers’ presentations and plans with Stakeholders Panel to review and assess:

10:00 – Planning for AguaScapes, Years 3-5

Task 1. Environmental – institutional conditions and interactions (F. Meza, W. van Leeuwen, A. Ribeiro, and regional/country teams) followed by break-out group planning and discussion

- Characterize land use and land cover change
- Assess climate projection
- Couple land use change with climate projections
- Examine groundwater processes
- Document changing human demands for water
- Examine legal and institutional processes

Panel members: José Luis Álvarez; Suzana Montenegro; Fernando Chiock
(Working coffee break)

12:00 – Task 2. Vulnerability and resilience (C. Scott, N. Pineda, M. Oertel, team)

- Identify productive systems/ activities
- Identify actors, stakeholder, policy-makers
- Analyze exposure, sensitivity, adaptive capacity
- Diagnose vulnerability and resilience
- Identify adaption strategies and actions
- Inter-basin comparison of vulnerability & resilience
- Derive general lessons, state of water security report

Panel members: Mario Salomón; Raúl Díaz González; Jeff Tannler

2:00 – Lunch

3:00 – Policy and adaptation (F. Martin, P. Mussetta, B. Willems, team)

- Prior activities from Tasks 1, 2 - context
- Build interaction spaces
- Identify key issues
- Application of scenario planning
- Establish pilot cross-regional dialogues

Panel members: Francisco de Assis; César Lagarda
(Working coffee break)

5:00 – Contracting mechanisms, workplans, financial reporting (C. Scott)

Next project meeting (location, approx. timeframe)

5:30 – Consolidating AQUASEC – Networking opportunities, related initiatives

6:30 - Adjourn

