

### **Brief Personal Description**

I am an Agronomist, MSc. in Natural Resources, with strong expertise in climate change and water resources related impacts, hydrologic modeling and decision making assessment. During the last years, I have worked in connecting climate and hydrology science to decision making processes. This work has been developed in close association to a wide range of local stakeholders (public, private and civil society actors). I have led several training workshops aiming to extend the use of water resources modeling and planning tools to students and stakeholders. I'm interested in research projects that can contribute to climate and water policy development, and water management related issues.

### **Research Experience**

---

#### ***Vulnerability and adaptation to climate variability and climate change in the Maipo river basin in Central Chile.***

Roles: coordination and implementation support at most stages of the project. WEAP model expert, Institutional assessment.

#### ***National Adaptation Plan proposal (commissioned by the Ministry of Environment of Chile).***

Roles: literature review in international adaptation to climate change, national institutional analysis regarding adaptation to climate change.

#### ***Capacity building to cope with climate change in Chile.***

Roles: literature search, data collection, report writing, financial management, seminars and training workshops coordination.

### **Work Experience**

---

Faculty of Agronomy and Forestry Engineering, Pontificia Universidad Católica de Chile. Integrated Watershed Management (Undergraduate course, Teaching Assistant)

Faculty of Agronomy and Forestry Engineering, Pontificia Universidad Católica de Chile. Climatology (Undergraduate Course, Teaching Assistant)

### **Significant Publications**

---

#### **Peer Reviewed Publications**

Meza F., Vicuña S., Jelinek M., Bustos E., **Bonelli S.** (Accepted, *Journal of Water and Climate Change*). Climate change and water conflicts in snow dominated regions: Assessing sensitivity of water demands and coverage in the urban and rural sectors in central Chile.

**Bonelli S.**, Vicuña S., Meza F. (Accepted, *Journal of Water and Climate Change*). Incorporating climate change adaptation strategies in urban water supply planning: The case of central Chile.

#### **Non-Peer Reviewed Publications**

**Bonelli S.**, Meza F. (2012). Abastecimiento de agua en la cuenca del Maipo: Cómo enfrentar el cambio climático. *Revista Agronomía y Forestal*, Pontificia Universidad Católica de Chile.