

Adaptation and mitigation to climate change in Andean Patagonia basins

The Andean-Patagonian forests are an extensive ecotone between the Chilean temperate rainforests at the west of the Andes and the Patagonian steppe to the east.

In this region an increase of the temperature superior to the global average is predicted, a decrease of the precipitations in the North zone, with strong negative impacts expected on the ecosystems and the local population.

The management of native forests and afforestations in degraded areas will play a role.

It is foreseen in some basins the implementation of adaptive management at stand level, the production of wooden houses with high thermal efficiency, replacing raw materials that demands much energy, and the use of biomass as an energy source, replacing fossil energy sources.

La adaptación y mitigación al cambio climático en cuencas de la Patagonia andina: Partners

- CIEFAP. Patagonic-Andean Forestry Research and Extension Center (<http://www.ciefap.org.ar>):

José Bava, Gabriel A. Loguercio and M. Florencia Farias.

Adaptation and mitigation to climate change in the Andean Patagonia basins: needed Partners

- Capacities in use of Biomass for energy production
- Capacities on timber based constructions
- Technology in harvesting, planning and logistics systems