



EARTH USA 2011

Sep 30, Oct 1 & 2, 2011 – Albuquerque, New Mexico

Authors:

Magdalena Pereira, directora Fundación Altiplano MSV - Chile

Cristián Heinsen, director ejecutivo Fundación Altiplano MSV - Chile

Title:

Plan de Restauración de iglesias andinas de Arica y Parinacota

Restoration Plan of the andean churches of Arica and Parinacota

Abstract:

Restoration Plan of the andean churches of Arica and Parinacota, a model of healthy development.

Fundación Altiplano's main project, born from the request for support of andean communities of Arica and Parinacota region, Chile. The aim is to support the conservation of their temples, which have their origin in the former Silver Route of Potosi and operating today as centers for the preservation of their traditional culture.

The plan proposes to consolidate these churches as one of the most valuable sets of American heritage and strengthen communities in charge of their own conservation. The plan consists of 30 conservation and healthy development projects of which define the heritage value of the church and a restoration proposal associated with development alternatives in research, traditional production, energy and tourism.

Since the region has high seismic activity and that this is the main risk agent in the conservation of these adobe churches, the Plan has been key to update an instance in Chile criteria and construction techniques of earthen buildings conservation.

The proposed conservation plan is based on the appreciation, study and restoration of original building systems. To this end, the plan have established collaborations with international authorities in Peru, USA and Germany. To meet the chilean security requirements of earthquake resistant, the plan has integrated structural reinforcement alternatives that meet the criteria applicable conservation.

The public-private financing plan has already been highlighted as a replicable model of sustainable development in other regions of Chile.