

topography.

Central Andes along the northern traverse: modeling results in a very "week" zone in the area of the volcanic arc. In the central part of the model it was built a plateau (the Altiplano?) – it is surrounded by mountain chains. Refinement of structures and parameters will concentrate on the questions how sensitive are modifications of model properties and to what extend we are able to explain "real" uplift.

arc basin like the Neuquen basin at the southern traverse. Modeling results in a small and relatively low W to E mountain uplift and a second long wavelength

Comparision of the two models gives hints to general differences in the style of mountain building.