UNIVERSITY OF LIÈGE

FACULTY OF SCIENCES

DEPARTMENT OF GEOGRAPHY

Representation of Foehn events in the Modèle Atmosphérique Régional (MAR) in Patagonia

Can a change in DEM generalization improve the model?

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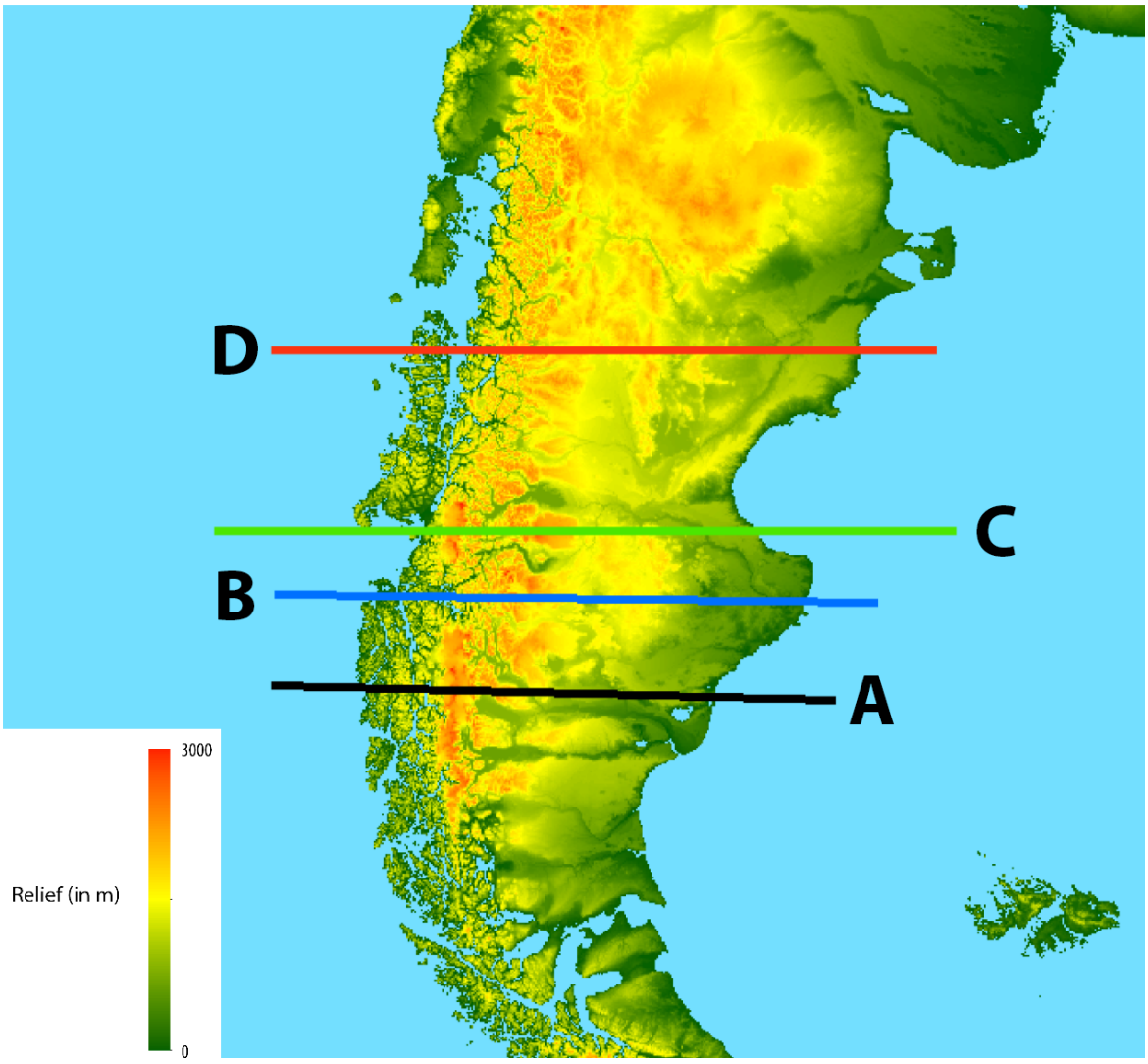

Figure 1 Four profiles of the vertical surface elevation. The aim is to show the performances of each DEM generalization method with respect to the original DEM. Background: DEM ETOPO1 at a 1 arc-minute resolution.

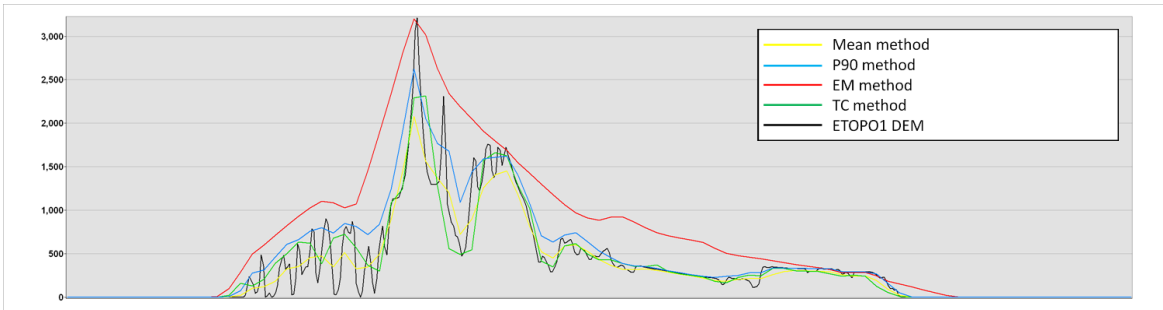

Figure 2 Surface elevation profile A. Resolution: 1 arc-minute for ETOPO1, 10 km for the others.

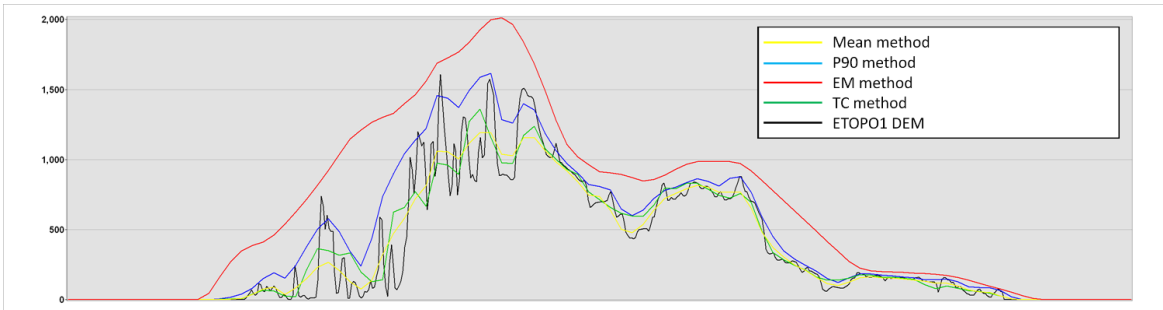

Figure 3 Surface elevation profile B. Resolution: 1 arc-minute for ETOPO1, 10 km for the others.

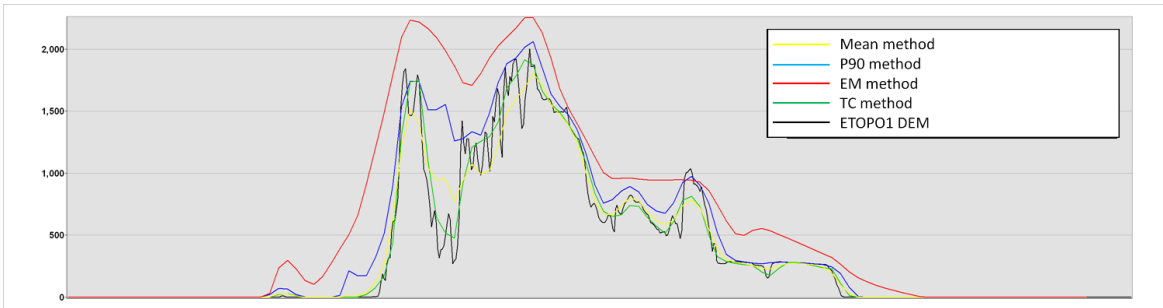

Figure 4 Surface elevation profile C. Resolution: 1 arc-minute for ETOPO1, 10 km for the others.

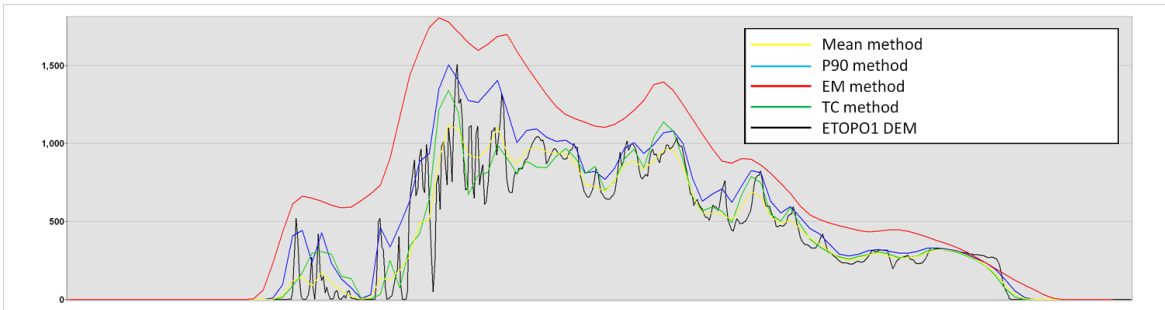

Figure 5 Surface elevation profile D. Resolution: 1 arc-minute for ETOPO1, 10 km for the others.