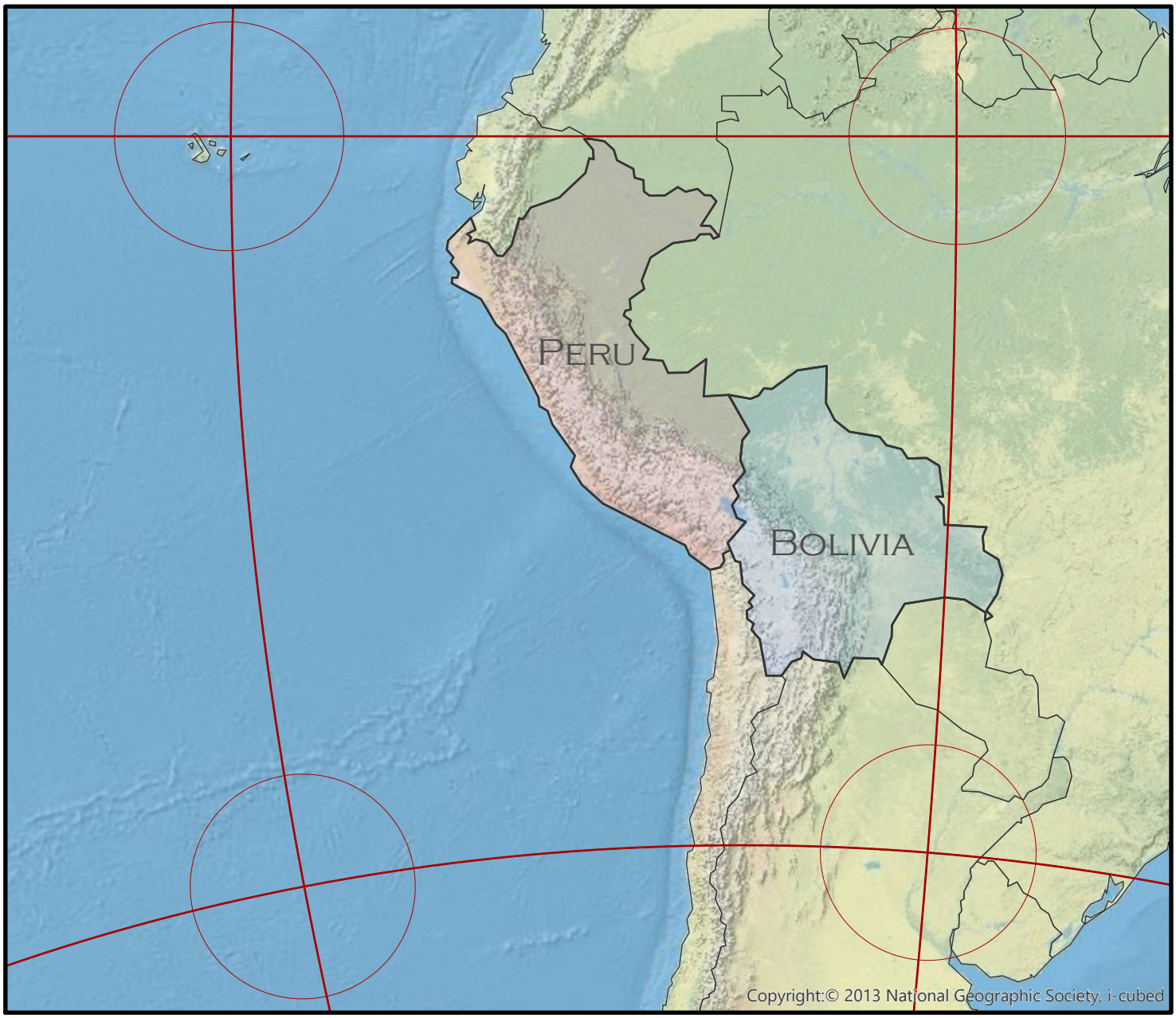
Paleoclimates: The Tropical Andes of Peru/Bolivia



I chose this map projection because the Andes Mountain Range runs N/S, thus a projection such as UTM which uses a standard meridian allows N/S regions to be shown as less distorted. The Tissot Ellipses show that there is limited distortion when showing the border between Peru and Bolivia. I would expect there is a slight distortion due to the curvature of the meridians as they get closer to the South Pole.

N

0 500 1,000 Miles

0 500 1,000 Kilometers

Spatial Reference
Name: South American 1969 (96) UTM Zone 19S 1
PCS: South American 1969 (96) UTM Zone 19S 1
GCS: GCS SAD 1969 96
Datum: South American Datum 1969 96
Projection: Transverse Mercator
Central Meridian: -69.0000
Latitude of Origin: -16.0000
Longitude of Origin: 0.0000
Latitude of Center: 0.0000
Longitude of Center: 0.0000
Latitude of 1st: 0.0000
Longitude of 1st: 0.0000
Latitude of 2nd: 0.0000
Longitude of 2nd: 0.0000
False Easting: 500,000.0000
False Northing: 10,000,000.0000
Central Parallel: 0.0000
Standard Parallel: 0.0000
Standard Parallel 2: 0.0000
Scale Factor: 0.9996
Azimuth: 0.0000
Units Meter