

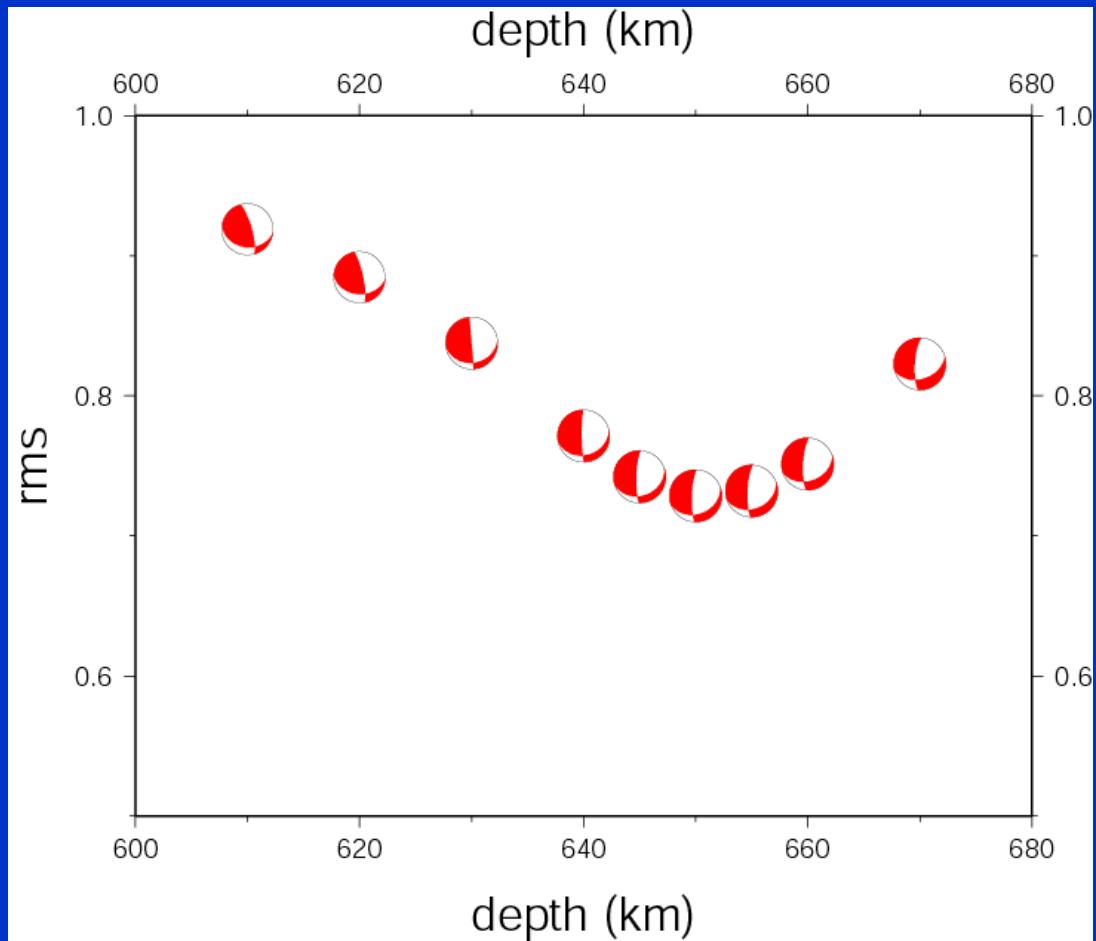
Rupture proccess of Dúrcal (Granada) 11-04-2010 deep earthquake: Preliminary results

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Inversion of body waves from teleseismic data

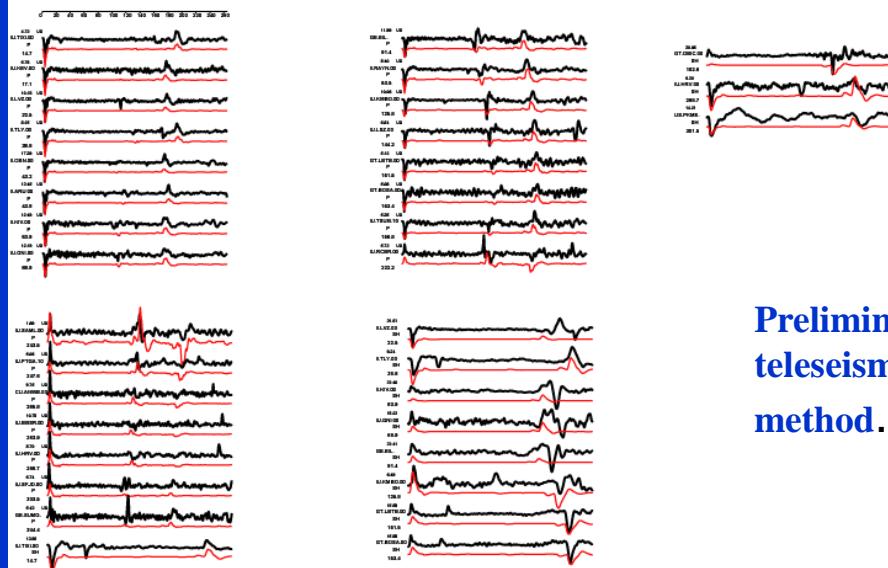
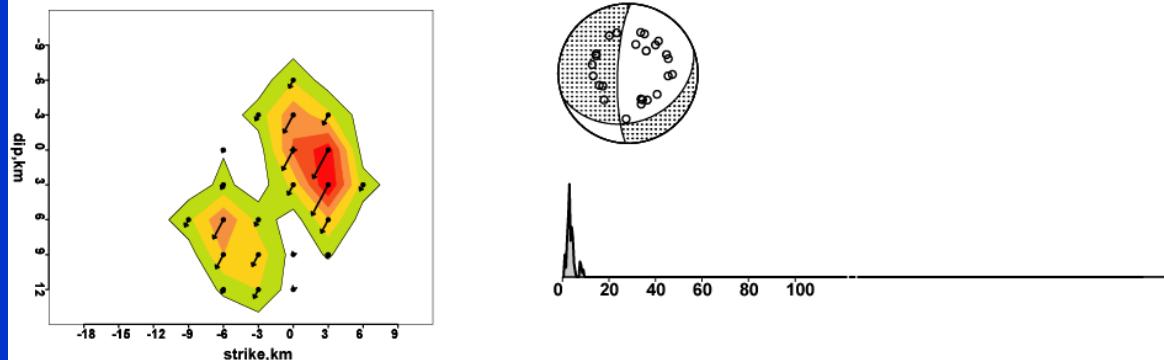


From inversion of 39 (P and SH) body waves (Kikuchi and Kanamori 1991) at teleseismic distances (30° - 90°) using a point source we have obtained focal depth. Best result corresponds to 650 km, in agreement with the focal depth obtained for the 1954 ($M=7.0$) earthquake occurred in this region.

Preliminary slip distribution

Durcal 11/04/2010-h=650 km

Mo=0.317E+19 Nm Mw =6.27 H = 650.0km



Preliminary results of slip distribution obtained from teleseismic data using the Kikuchi and Kanamori method.