EARTHQUAKES AND SEALEVEL RISE

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By means of a global model postseismic deformation we have computed the cumulative residual vertical displacement, the geoid height changes and the relative sea level variations due to all the earthquakes included in the Pacheco and Sykes catalog of large shallow earthquakes and in the CMT catalog. Our aim is to ascertain if earthquakes could play a role in the assessment of the trend of sea level rise observed by the global tide gauges network.