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# computation of radial deformation due to sea tide on the coastal station at Persian Gulf and Oman sea

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Due to tidal forces,sea water moves back and forward and deform the crust and caused displacements in 3 direction specialy this has power affect on the radial direction at the the points which are very close to coast.in this reaserch, the farrell method was used and this effect was computed with use of convolution between gloabal ocean tide model (to measure the Instantinuse Sea Surface Hieght) and Green functions.finally,Co-radial maps for 53 coast points was drawn