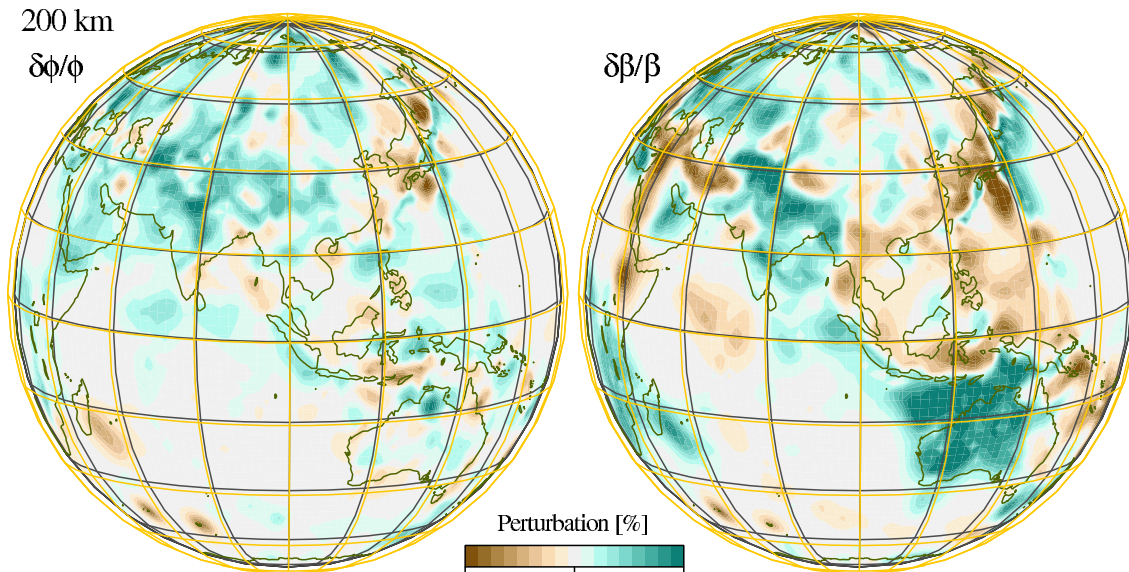


200 km

$\delta\phi/\phi$

$\delta\beta/\beta$



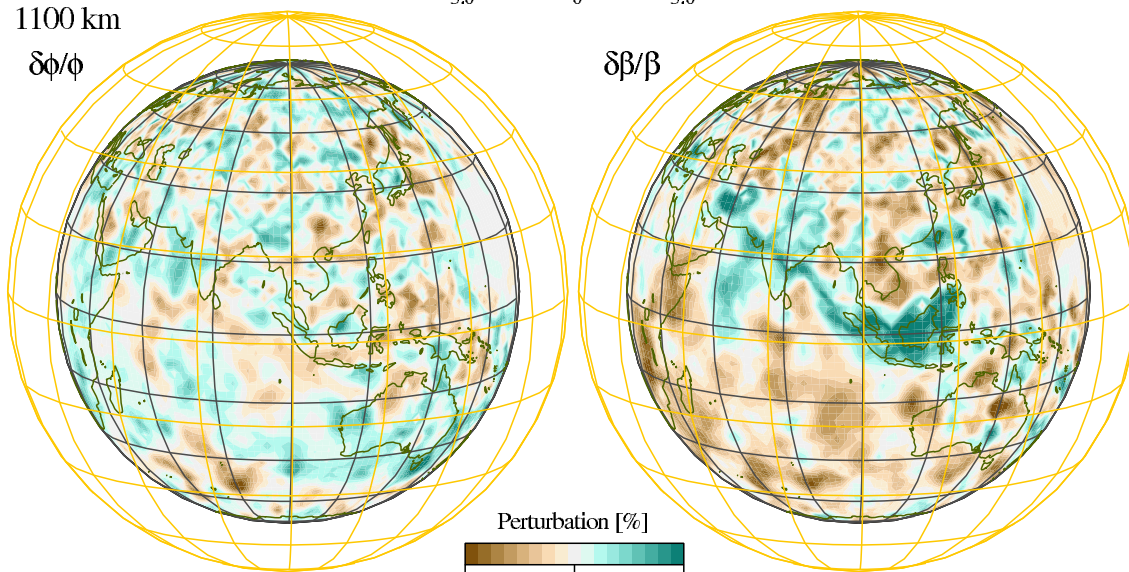
Perturbation [%]

-3.0 0 3.0

1100 km

$\delta\phi/\phi$

$\delta\beta/\beta$



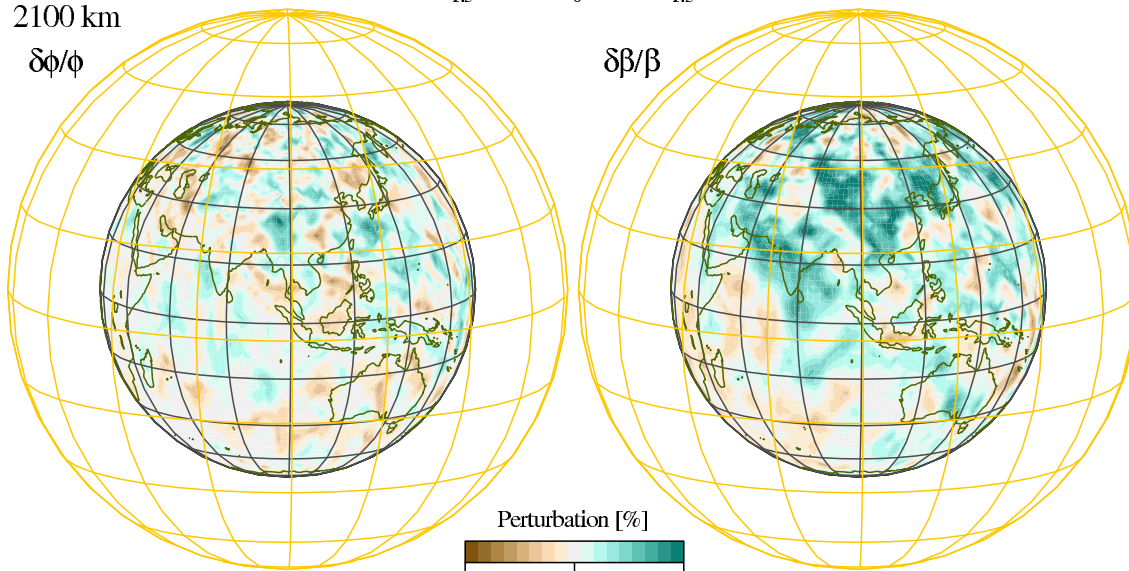
Perturbation [%]

-1.5 0 1.5

2100 km

$\delta\phi/\phi$

$\delta\beta/\beta$



Perturbation [%]

-1.5 0 1.5