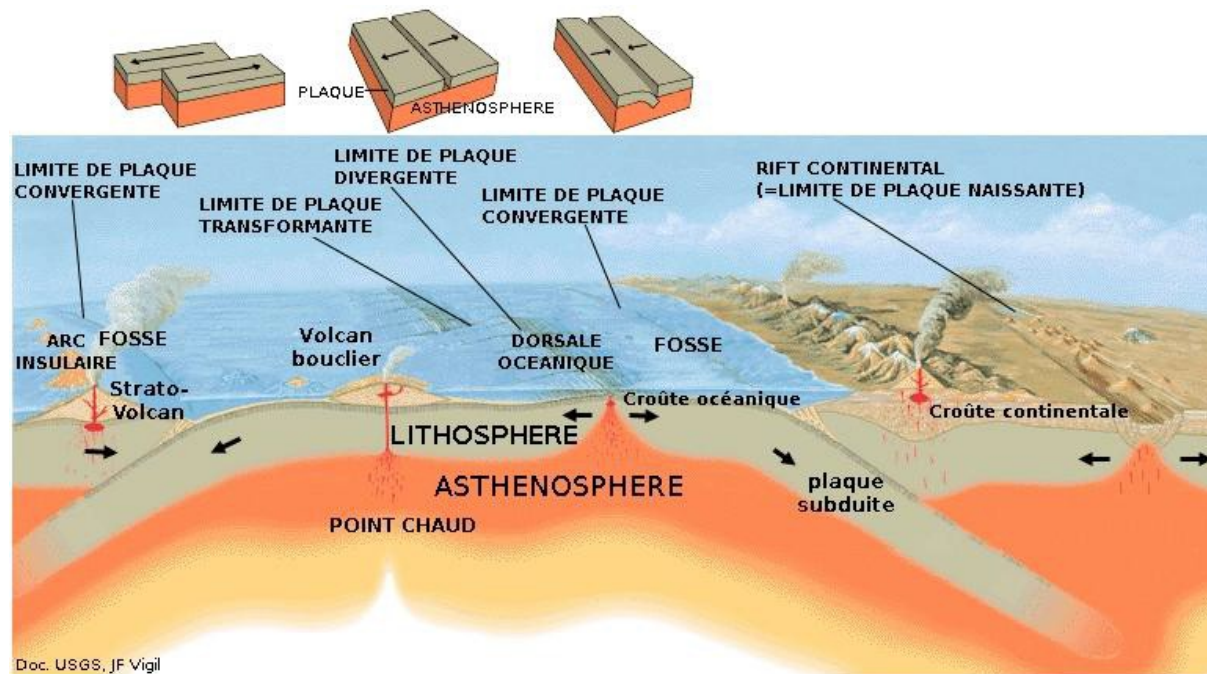


Tectonique des plaques : idées actuelles



Faille de San Andrea



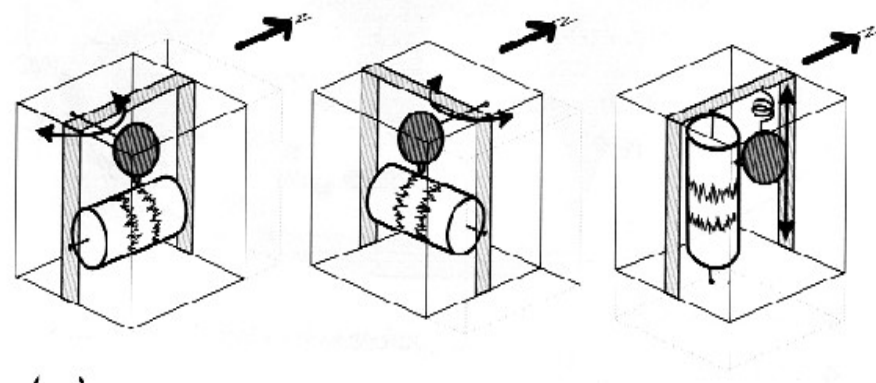
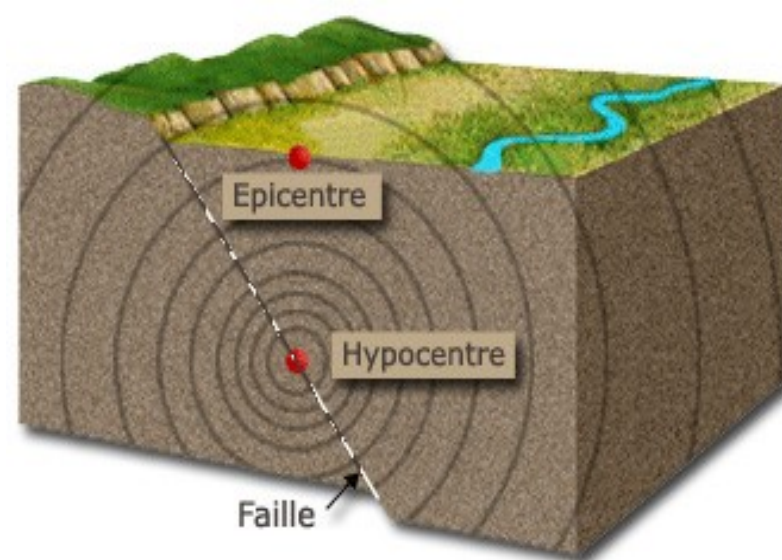
Sismologie



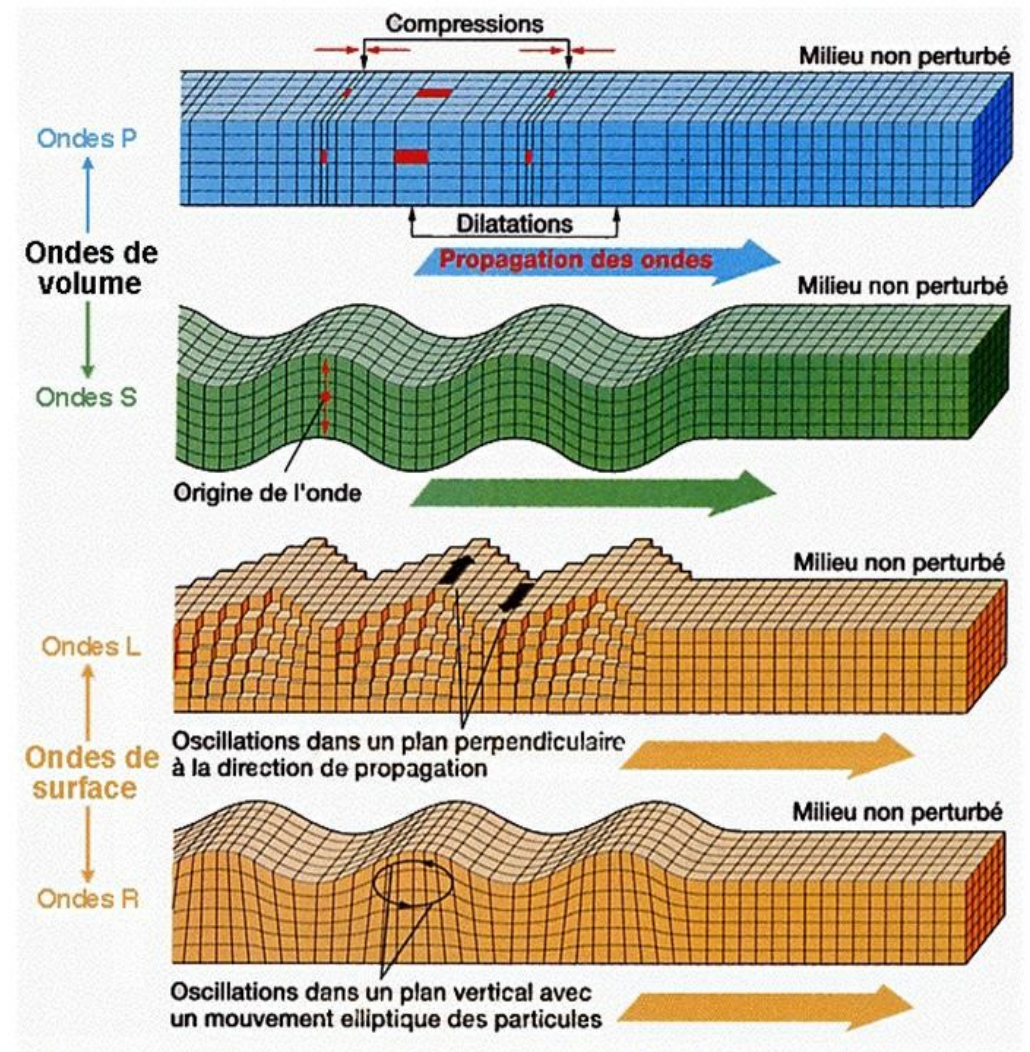
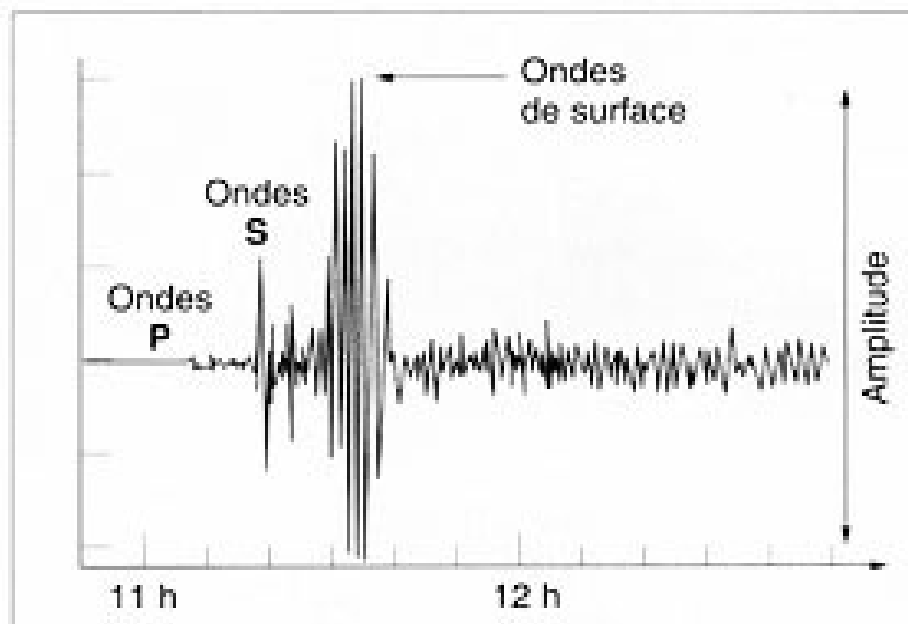
Vue panoramique de San Francisco après le tremblement de terre et l'incendie de 1906



Séisme, sismomètre,
sismographe, sismogramme

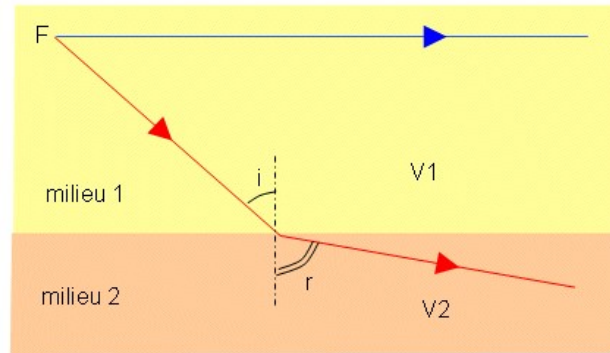


Voir : <http://musee-sismologie.unistra.fr/>

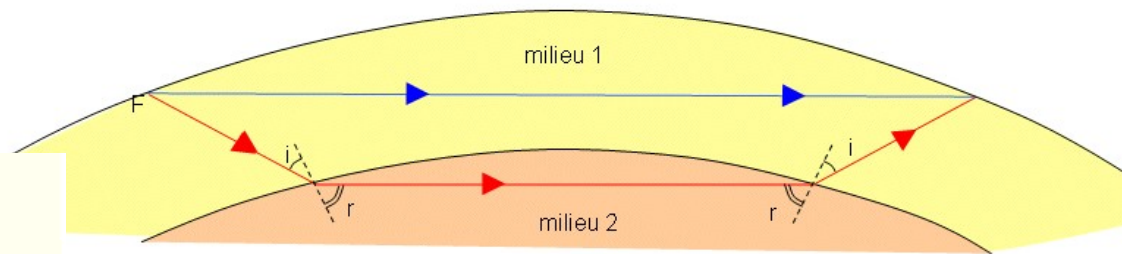


discontinuité
réfraction loi de Descartes

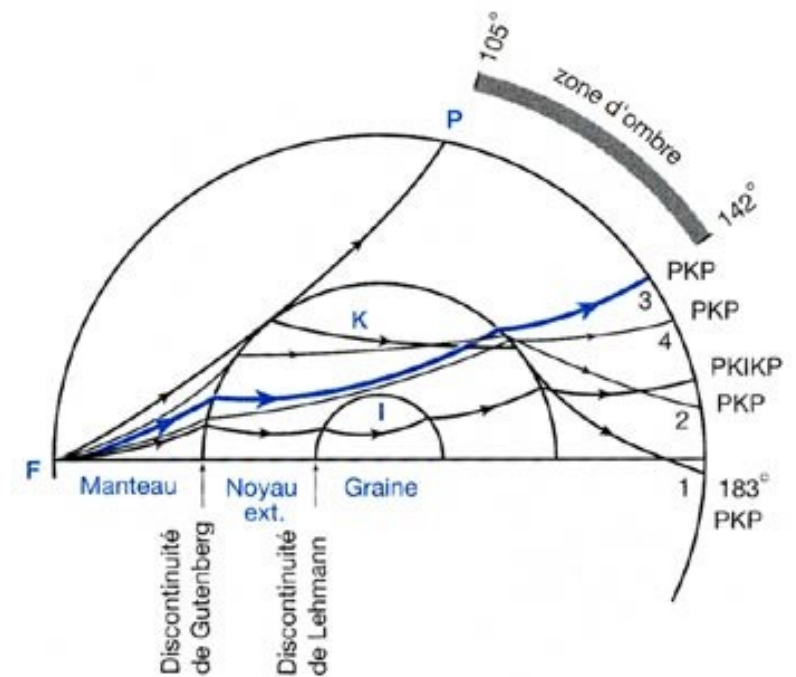
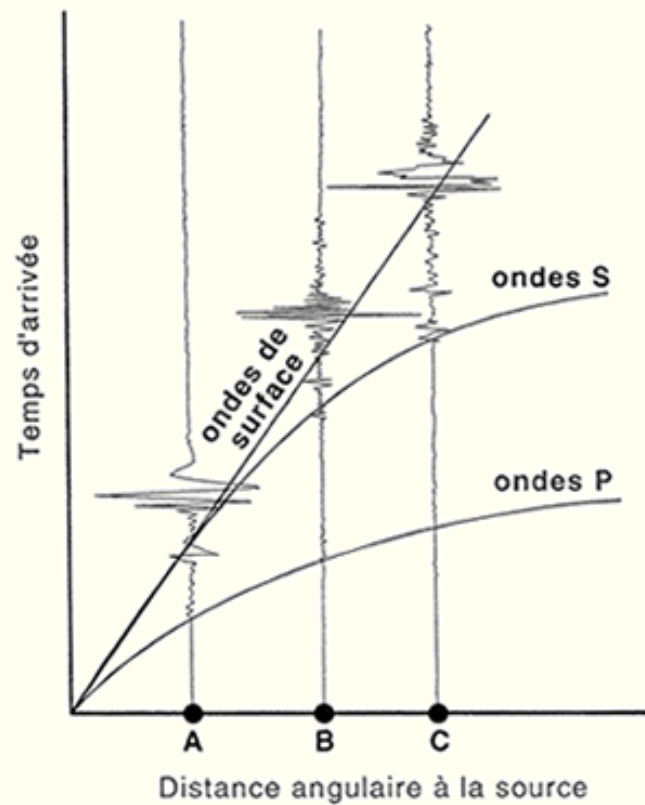
Réflexion, réfraction



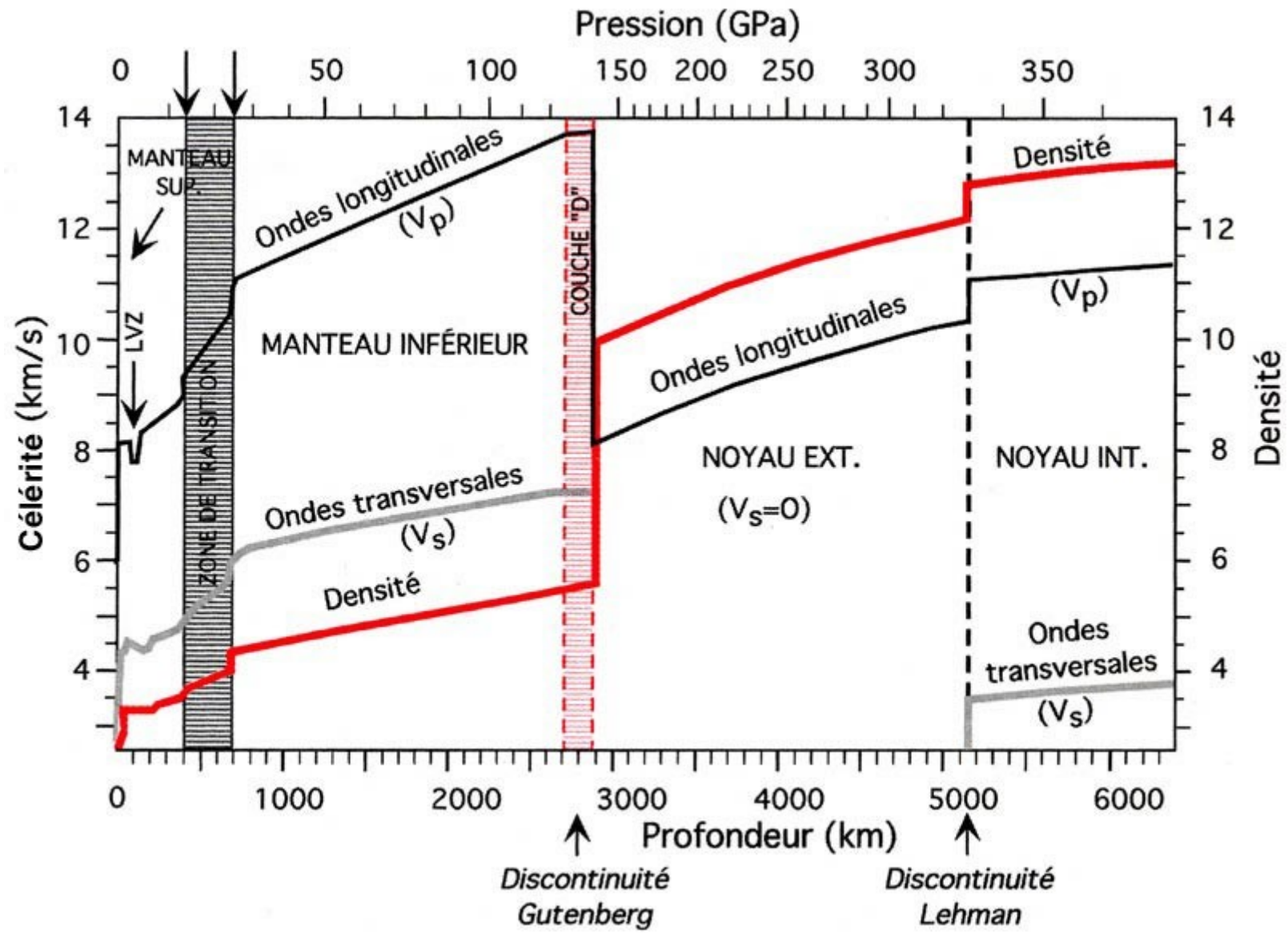
avec la sphéricité



Hodochrones



Discontinuités



Modèle « PREM »

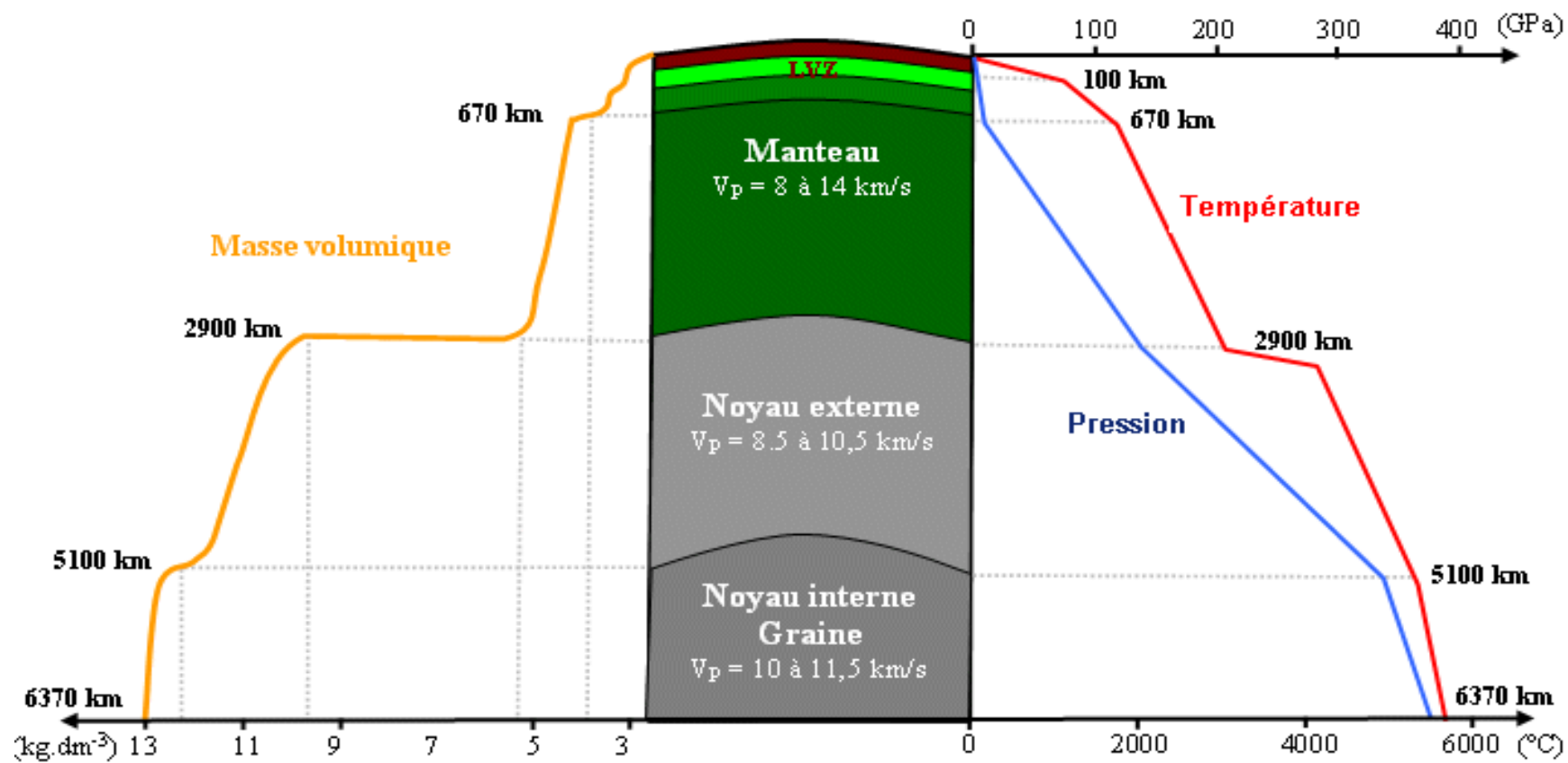
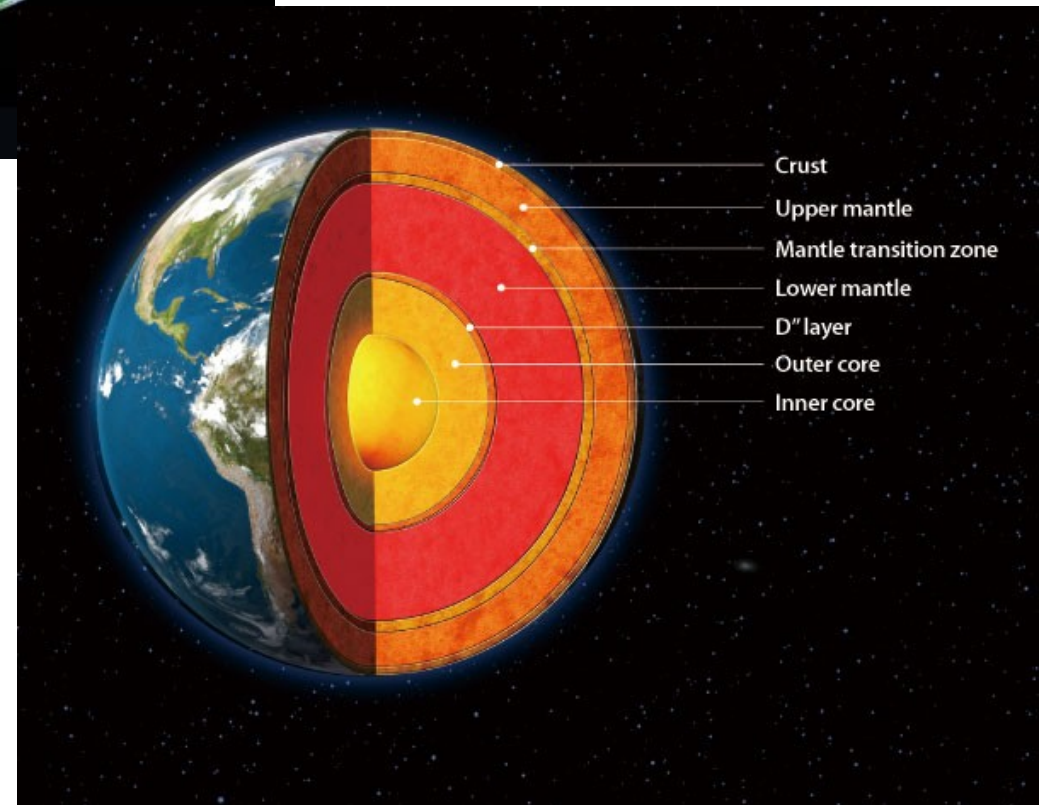


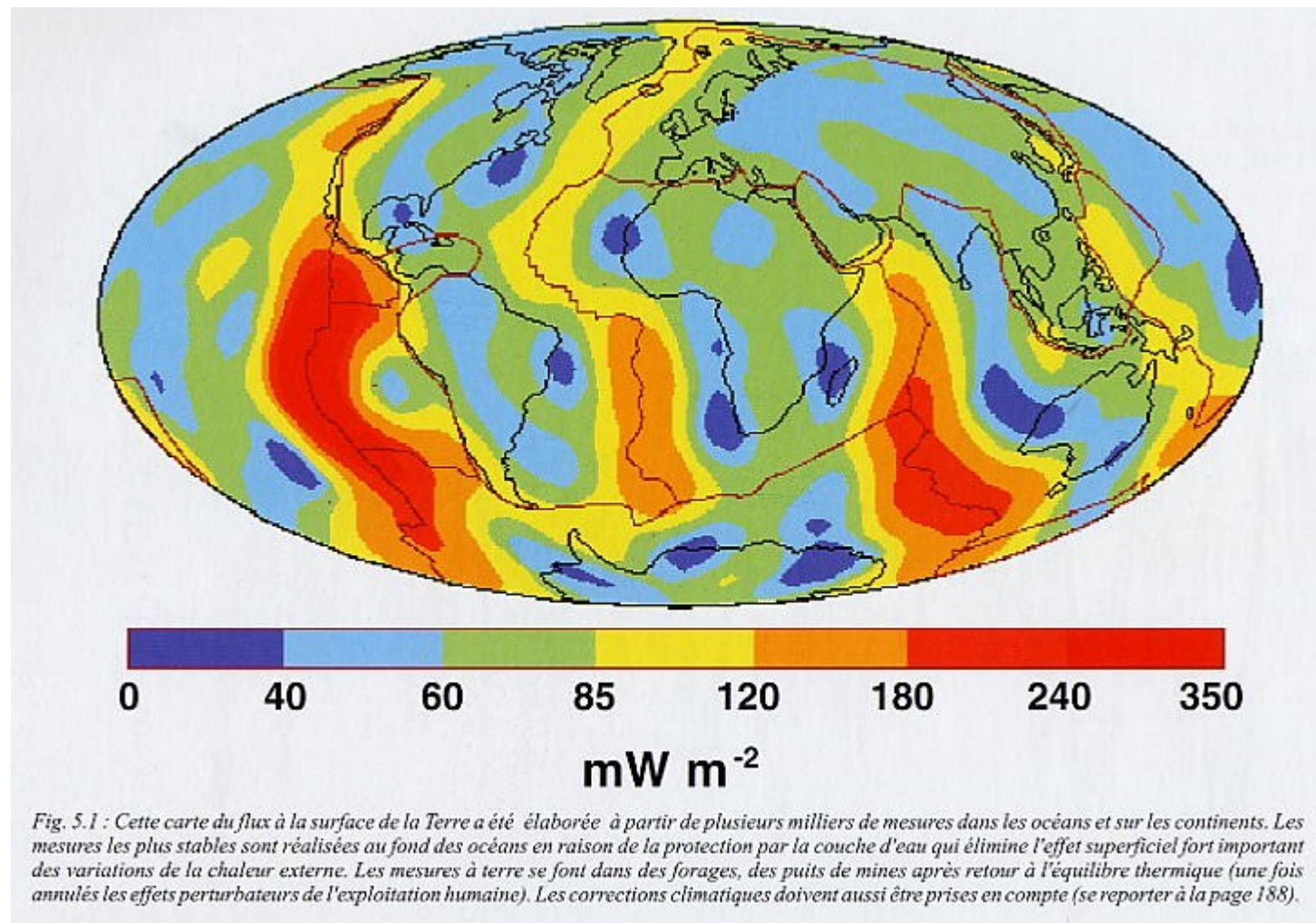


Image: Illustrator Gary Hincks
Source: Photolibary



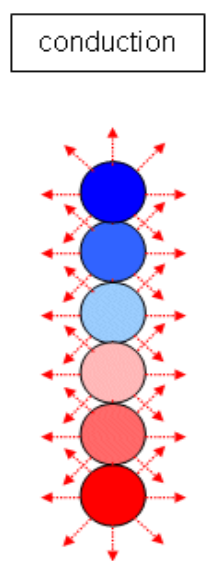
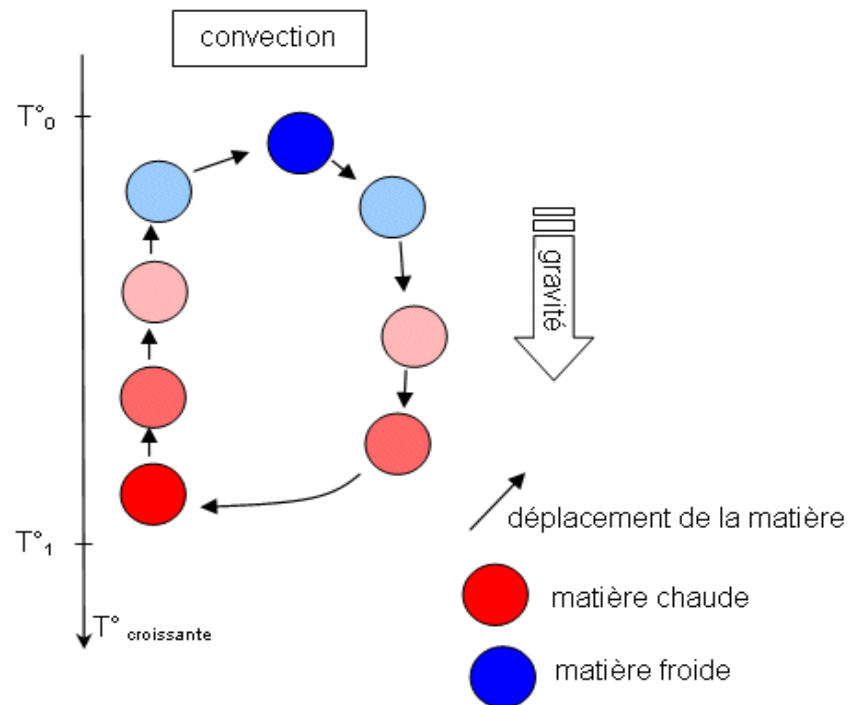


Lac de lave du Kilauea, Hawaï, 1954

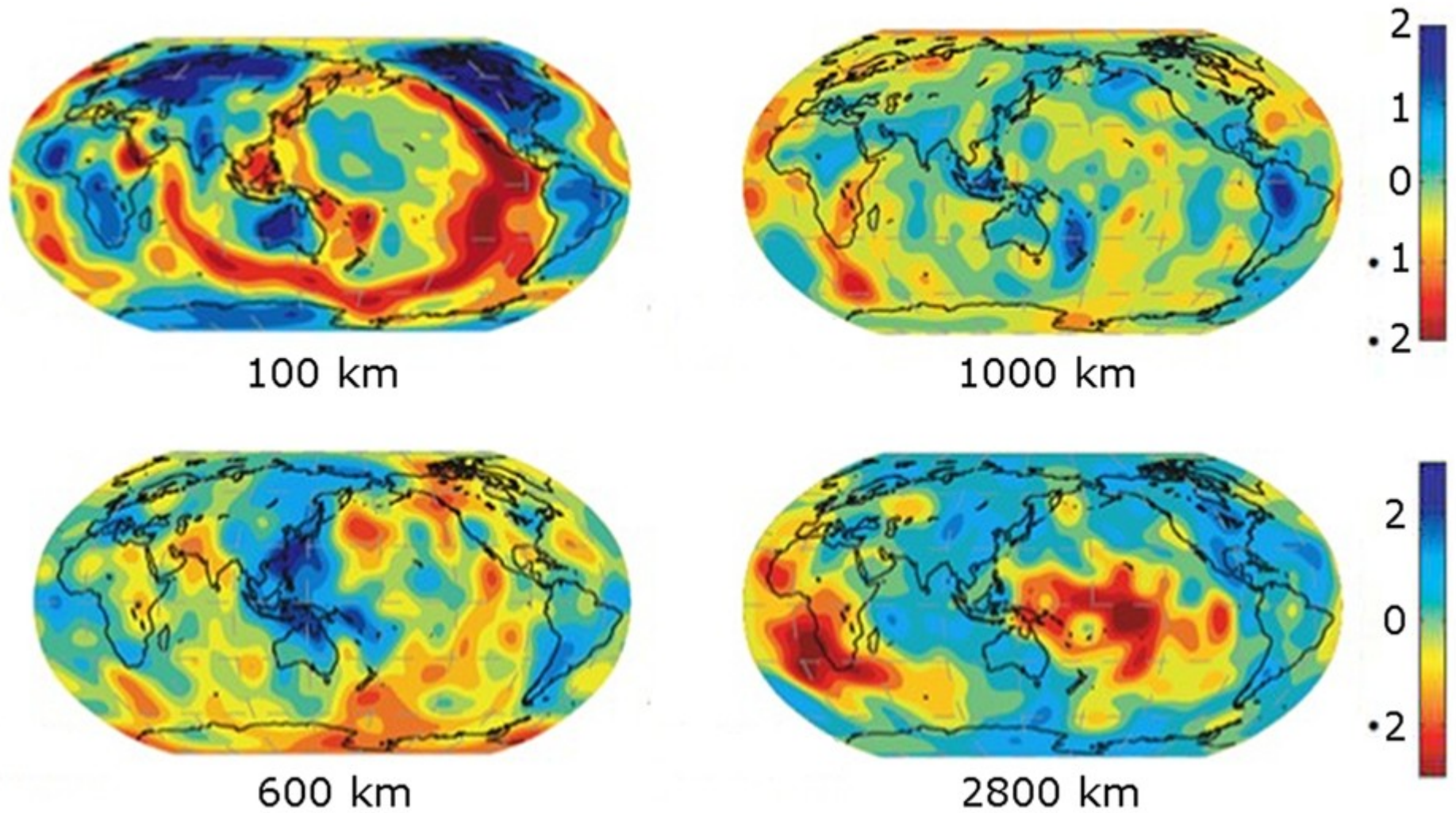




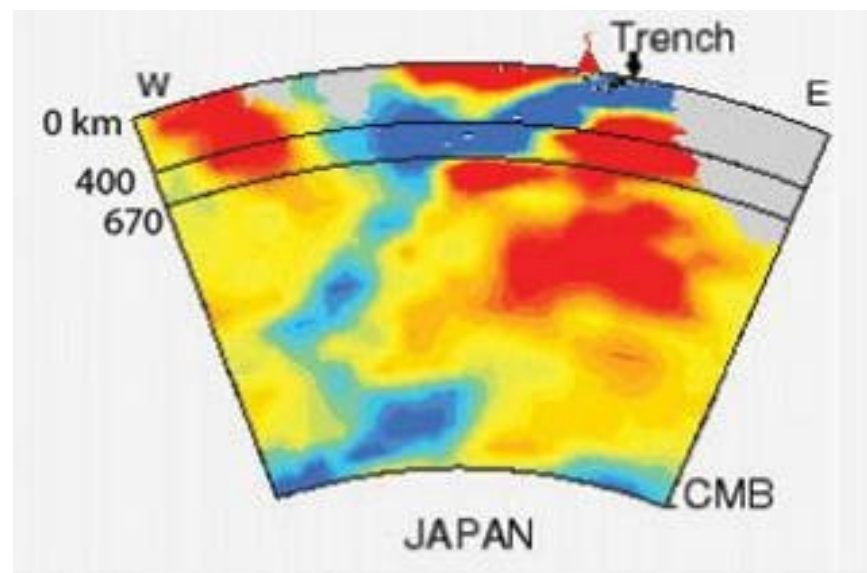
Conduction
Convection/advection

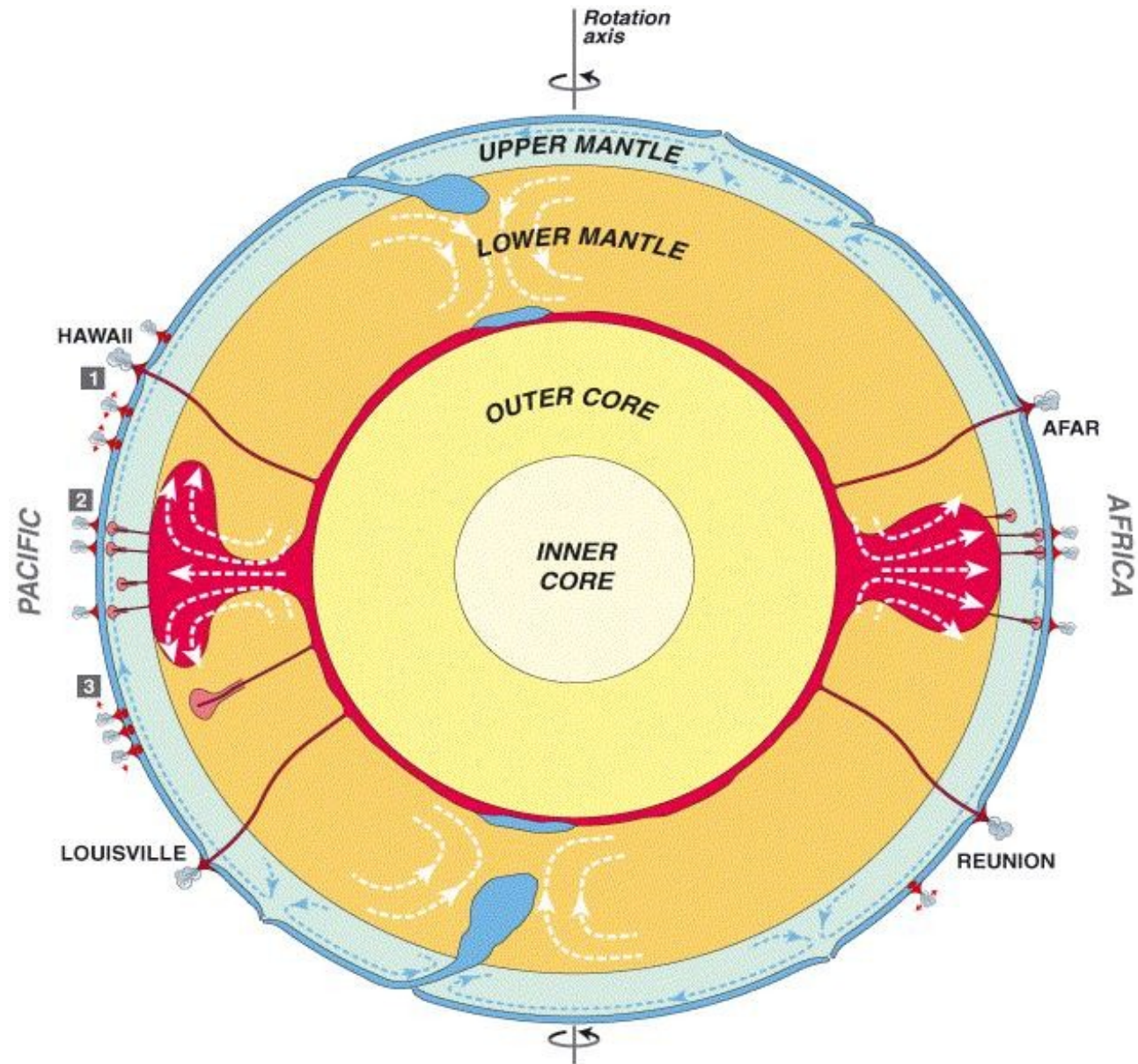


Cartes issues d'un modèle de tomographie sismique



B. Kustowski, G. Ekström et A. M. Dziewoński (2008), « Anisotropic shear-wave velocity structure of the Earth's mantle : A global model », *Journal of Geophysical Research*, vol. 113





Dynamique mantellique