

## Curriculum Vitae of Mustapha Meghraoui

BORN: January 22, 1956.

E-mail:

### EDUCATION:

Doctorat d'Etat (PhD) in Neotectonics, Seismotectonics and Paleoseismology, University of Paris 11, Orsay (1988).

<http://eost.unistra.fr/recherche/ipgs/dgda/dgda-perso/mustapha-meghraoui/>

### POSITIONS HELD:

- Associate Researcher, University of Paris 11 and Cergy\_Pontoise (1994-1995).
  - Research Fellow, Royal Observatory of Belgium (1995-1996).
  - Research Fellow, National Research Council of Italy (1996-1999).
  - Senior Researcher in Active Tectonics at the Institut de Physique du Globe de Strasbourg, France (since 1999).
- Supervisor of 13 PhD thesis and 10 Master degree since 1999.

## MAIN RECENT SCIENTIFIC PROJECTS

- A. Projet European Space Agency (ESA) - Catégorie 1 N° 2532 « **Crustal deformation along major continental faults : A combined study in paleoseismology, archeoseismology and space geodesy** ». Access to SAR images on the Euro-Mediterranean region (since 2004).
- B. ASTARTE European Project (FP7-ENV) "**Assessment, STRategy And Risk Reduction for Tsunamis in Europe**", programme ENV.2013.6.4-3: Coasts at threat in Europe: tsunamis and climate-related risks. Partner and coordinator of Work Package 2 (Recurrence of Tsunami in the NEAM region). November 2013 to April 2017.
- C. IGCP 601 - 659 project, UNESCO – IUGS, "**Seismotectonics and seismic hazards of Africa**"; 6-year project (2011 – 2016) and 4-year project (2018 – 2022) in cooperation with the Organisation of African Geological Surveys (OAGS). End in August 2016.

## SELECTED RECENT PEER REVIEWED PUBLICATIONS

Bibliometric index considering Thomson Reuters ISI WEB of Sciences Publications:

**h-index :32**

Sum of the Times Cited : 2875

Maouche, S., Morhange, C., **Meghraoui, M.**, Large boulder accumulation on the Algerian coast evidence tsunami events in the western Mediterranean, *Marine Geology* (2009), doi: 10.1016/j.margeo.2009.03.013.

**Meghraoui, M.**, M. E. Aksoy, H. S. Akyuz, M. A. Ferry, A. Dikbas, and E. Altunel, 2012, Paleoseismology of the North Anatolian Fault at Güzelköy (Ganos segment, Turkey): Size and recurrence time of earthquake ruptures west of the Sea of Marmara, *Geochem. Geophys. Geosyst.*, 13, doi:10.1029/2011GC003960.

Cetin, E., **M. Meghraoui**, Z. Cakir, et al., 2012, Seven years of postseismic deformation following the 2003 Mw=6.8 Zemmouri earthquake (Algeria) from InSAR time series, *Geophys. Res. Lett.* 39, L10307 DOI: 10.1029/2012GL051344.

**Meghraoui, M.**, and S. Pondrelli, 2012, Active faulting and transpression tectonics along the plate boundary in North Africa, *Annals of Geophysics*, *Annals of Geophysics*, 55, 5; doi: 10.4401/ag-4970.

**Meghraoui, M.**, P. Amponsah, A. Ayadi, A. Ayele, B. Ateba, A. Bensuleman, D. Delvaux; M. El Gabry, R.-M. Fernandes, V. Midzi, M. Roos, Y. Timoulali, 2016, The Seismotectonic Map of Africa, *Episodes Vol. 39, no. 1*, DOI:10.18814/epiugs/2016/v39i1/89232

Kariche, J., **M. Meghraoui**, Y. Timoulali, E. Cetin, and R. Toussaint, 2018, The Al Hoceima earthquake sequence of 1994, 2004 and 2016: Stress transfer and poro-elasticity in the Rif and Alboran Sea region, *Geophys. J. Int.* (2018) **212**, 42–53, doi: 10.1093/gji/ggx385