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Research interest : crustal deformation, seismology, natural hazards

[Education]

2011 PhD in Geophysics, Institut de Physique du Globe de Paris, France

2007 M.S in Geophysics, Institut de Physique du Globe de Paris, France

2006 Degree in Electrical Engineering, ENSEM, France

[Employment]

2018/08 – present : Assistant Research Fellow, Institute of Earth Sciences, Academia Sinica, Taiwan

2016/01 – 2018/07 Postdoctoral Research Fellow, Institute of Earth Sciences, Academia Sinica, Taiwan

2014/01 – 2015/12 Distinguished Postdoctoral Fellow, Institute of Earth Sciences, Academia Sinica, Taiwan

[Publications]

1. **Canitano, A.**, P. Bernard, A. T. Linde and S. Sacks, Analysis of signals of a borehole strainmeter in the western rift of Corinth, Greece, *J. Geod. Sci.*, 3(1), 63-76, 2013.
2. **Canitano, A.**, P. Bernard, A. T. Linde, S. Sacks and F. Boudin, Correcting high-resolution borehole strainmeter data from complex external influences and partial-solid coupling : the case of Trizonia, rift of Corinth (Greece), *Pure Appl. Geophys.*, 171(8), 1759-1790, 2014.
3. **Canitano, A.**, Y. J. Hsu, H. M. Lee, A. T. Linde and S. Sacks, Near-field strain observations of the October 2013 Ruisui, Taiwan, earthquake : source parameters and limits of very-short term strain detection, *Earth Planets Space*, 67 :125, doi :10.1186/s40623-015-0284-1, 2015.
4. **Canitano, A.**, Y. J. Hsu, H. M. Lee, A. T. Linde and S. Sacks, A first modeling of dynamic and static crustal strain field from near-field dilatation measurements : example of the 2013 Mw 6.2 Ruisui earthquake, Taiwan, *J. Geodesy*, 91(1), 1-8, 2017.
5. **Canitano, A.**, P. Bernard and S. Allgeyer, Observation and modeling of the seismic seiches triggered in the Gulf of Corinth (Greece) by the 2011 Mw 9.0 Tohoku earthquake, *J. Geodyn.*, 109, 24-31, 2017.
6. Mouyen, M., **A. Canitano**, B. F. Chao, Y. J. Hsu, P. Steer, L. Longuevergne and J. P. Boy, Typhoon-induced ground deformation, *Geophys. Res. Lett.*, 44(21), 11,004-11,011, 2017.
7. **Canitano, A.**, M. Godano, Y. J. Hsu, H. M. Lee, A. T. Linde and S. Sacks, Seismicity controlled by a frictional afterslip during a small magnitude seismic sequence ($M_L < 5$) on the Chihshang Fault, Taiwan, *J. Geophys. Res. Solid Earth*, 123(2), 2003-2018, 2018.
8. **Canitano, A.**, Y. J. Hsu, H. M. Lee, A. T. Linde and S. Sacks, Calibration for the shear strain of 3-component borehole strainmeters in eastern Taiwan through Earth and ocean tidal waveform modeling, *J. Geodesy*, 92(3), 223-240, 2018.

9. **Canitano, A.**, H. Gonzalez-Huizar, Y. J. Hsu, H. M. Lee, A. T. Linde and S. Sacks, Testing the influence of static and dynamic stress perturbations on the occurrence of a shallow, slow slip event in eastern Taiwan, *J. Geophys. Res. Solid Earth*, 124(3), 3073-3087, doi:10.1029/2018JB016742, 2019.