



## 陳冠翔 Sean Kuanhsiang Chen

博士後研究 Postdoctoral fellow

(2018-02-01 ~ 2018-07-31)

**Research interests:**Crustal deformation, GPS geodesy, seismology

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### Education

2011-2017 Ph.D., Department of Geosciences, National Taiwan University

2009-2011 M.S., Department of Geosciences, National Taiwan University

2005-2009 B.S., Department of Earth Sciences, National Central University

### Experience

2018/02-07 Postdoctoral Research, Institute of Earth Sciences, Academia Sinica, Taiwan

### research interests

Crustal deformation, GPS geodesy, seismology

### Honors

2015 The outstanding student paper award in 2015 AGU Fall Meeting, by Earth Science Research Promotion Center (ESPRC)

2015 The outstanding student paper award, by Taiwan Geoscience Assembly

2011 Dean's Award in College of Science, by National Taiwan University

2011 The outstanding student paper award, by Taiwan Geoscience Assembly

2011 The outstanding teaching assistant, by National Taiwan University

2009 The Phi Tau Phi Scholastic Honor Society of the Republic of China

2009 Dean's Award in College of Earth Sciences, by National Central University

2008 The outstanding student award, National Central University

### SCI Papers:

Wu, Y.M., **Chen, S.K.**, Huang, T.C., Huang, H.H., Chao, W.A., Koulakov, I., 2018. Relationship between earthquake b-values and crustal stresses in a young orogenic belt. *Geophys. Res. Lett.*, 45, 1-6. <https://doi/10.1002/2017GL076694>.

**Chen, S.K.**, Wu, Y.M., Hsu, Y.J., Chan, Y.C., 2017. Current crustal deformation of the Taiwan orogen reassessed by cGPS strain-rate estimation and focal mechanism stress Inversion. *Geophys. J. Int.* 210 (1), 228-239, <https://doi.org/10.1093/gji/ggx165>.

**Chen, S.K.**, Chan, Y.C., Hu, J.C., Kuo, L.C., 2014. Current crustal deformation at the junction of collision to subduction around the Hualien area, Taiwan. *Tectonophysics* 617, 58-78, <https://doi.org/10.1016/j.tecto.2014.01.014>.