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(2014-08-01 ~ 2018-07-31)

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研究領域：構造地質學、地形學、坡地構造學

Research interests: tectonic geology, geomorphology, slope tectonics

[學歷/Education]

德國柏林自由大學 地球科學系 博士 (2014)

2014: Doctor, Department of Earth Sciences, Freie Universität Berlin, Berlin, Germany

國立台灣大學 地質科學系 碩士 (2006)

2006: Master, Department of Geosciences, National Taiwan University, Taipei, Taiwan

國立台灣大學 地質科學系 學士 (2004)

2004: Bachelor, Department of Geosciences, National Taiwan University, Taipei, Taiwan

[著作—期刊文章/Publications—peer-reviewed journals]

- **Chia-Han Tseng**, Jyr-Ching Hu*, Yu-Chang Chan, Hao-Tsu Chu, Jin-Fa Lee, Jheng-Yue Wei, Chia-Yu Lu, Ming-Lang Lin, 2009. Non-catastrophic landslides induced by the Mw 7.6 Chi-Chi earthquake in central Taiwan as revealed by PIV analysis. **Tectonophysics** 466(3–4), pp. 427–437.
- Dirk Wenske, Manfred Frechen, Margot Böse, Tony Reimann, **Chia-Han Tseng**, Philipp Hoelzmann, 2012. Late Quaternary river terraces in the Central Mountain Range of Taiwan: A study of cover sediments across a terrace section along the Tachia River. **Quaternary International** 263, pp. 26–36.
- **Chia-Han Tseng**, Dirk Wenske, Margot Böse, Tony Reimann, Christopher Lüthgens, Manfred Frechen, 2013. Sedimentary features and ages of fluvial terraces and their implications for geomorphic evolution of the Taomi River catchment: A case study in the Puli Basin, central Taiwan. **Journal of Asian Earth Sciences** 62, pp. 759–768.
- **Chia-Han Tseng**, Christopher Lüthgens, Sumiko Tsukamoto, Tony Reimann, Manfred Frechen, Margot Böse, 2016. Late Pleistocene to Holocene alluvial tableland formation in an intra-mountainous basin in a tectonically active mountain belt — A case study in the Puli Basin, central

Taiwan. **Quaternary Science Reviews** 132, pp. 26–39.

- **Chia-Han Tseng**, Yu-Chang Chan, Ching-Jiang Jeng, Yu-Chung Hsieh, 2017. Slip monitoring of a dip-slope and runout simulation by the discrete element method: a case study at the Huafan University campus in northern Taiwan. **Natural Hazards** 89(3), pp. 1205–1225.

[著作—其他/**Publications—others**]

- Wei Peng, Chao-Lung Tang, **Chia-Han Tseng**, Chung Huang, Jyr-Ching Hu, 2008. 直擊現場—淺談汶川地震 (in Chinese) 。 *SCIENCE MONTHLY*(科學月刊) 463, pp. 522–525.

[研究計畫/**Research projects**]

- 高精度GPS與現地監測系統應用於順向坡深層滑動之案例研究。行政院農委會水土保持局「創新研究計畫」，執行期間：2018.02.09–2018.12.31。