

## **Adam D. SWITZER**

### **i) CURRENT POSITIONS**

- Nanyang Associate Professor (2016--)  
Asian School of the Environment,  
Nanyang Technological University (NTU), Singapore
- Associate Chair Academic (2016--)  
Asian School of the Environment,  
Nanyang Technological University (NTU), Singapore
- Principal Investigator (2010--)  
Earth Observatory of Singapore (EOS)  
Nanyang Technological University (NTU), Singapore

### **ii) EMPLOYMENT HISTORY**

- Assistant Chair Research and Graduate studies (2015--2016)  
Asian School of the Environment,  
Nanyang Technological University (NTU), Singapore
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- Nanyang Assistant Professor (2010--2016)  
Asian School of the Environment,  
Nanyang Technological University (NTU), Singapore
- National Research Foundation Fellow (2010--2015)  
Asian School of the Environment,  
Nanyang Technological University (NTU), Singapore
- Centenary Research Assistant Professor (2007-2009)  
Department of Earth Sciences  
University of Hong Kong, Hong Kong SAR, China
- Postdoctoral Research Fellow (2005-2007)  
Department of Earth Sciences  
University of Hong Kong, Hong Kong SAR, China

### **iii) ACADEMIC QUALIFICATIONS**

- PhD in Geosciences (2005)  
School of Earth and Environmental Sciences  
University of Wollongong, Australia
- B.Sc. in Geology and Geography (Hons)  
School of Geosciences,  
University of Wollongong, Australia

### **iv) UP TO 10 PUBLICATIONS MOST RELEVANT TO THIS APPLICATION**

- Lau AYA, Terry JP, Ziegler AD, Switzer AD, Lee Y. in press. Etienne S. Understanding the history of extreme wave events in the Tuamotu Archipelago, French Polynesia from large carbonate boulders on Makemo Atoll: Implications for future threats in the central South Pacific in press *Marine Geology*
- Soria, J.L.A., Switzer, A.D., Villanoy, C.L., Fritz, H.M., Bilgera, P.H.T., Cabrera, O.C., Siringan, F.P., Yacat-Sta. Maria, Y., Ramos, R.D., Fernandez, I.Q., 2016. Repeat storm surge disasters of Typhoon Haiyan and its 1897 predecessor in the Philippines. *Bulletin of the American Meteorological Society* 97, 31–48.3.

- Li LL, Switzer AD, Wang Y, Weiss R, Qiu, Q\*, Chan C-H, Tapponnier, P. (2015) What caused the mysterious 18th century tsunami that struck the southwest Taiwan coast? *Geophysical Research Letters* 42, 8498–8506
- Williamson F., Allan R., Switzer A.D., Chan J.C.L, Wasson R.J., D'Arrigo R. and Gartner R. (2015) New directions in hydro-climatic histories: observational data recovery, proxy records and the atmospheric circulation reconstructions over the earth (ACRE) initiative in Southeast Asia. *Geoscience Letters* (2:2) 1-12
- Switzer AD., Sloss CR, Horton BP, Zong Y. (2012) Preparing for coastal change. *Quaternary Science Reviews* 54 1-4
- Zong Y, Huang K, Yu F, Zheng Z., Switzer AD, Huang G, Wang N, Tang M. (2012) The role of sea-level rise, monsoonal discharge and the palaeo-landscape in the early Holocene evolution of the Pearl River delta, southern China. *Quaternary Science Reviews* 54, 77-89 (IF: 4.571 S: 9 ISI: 9 GS: 12)
- Switzer AD, Sloss, CR, Jones BG, Bristow CS. (2010) Geomorphic evidence for mid-late Holocene higher sea level from southeastern Australia *Quaternary International* 221 (1-2) 13-22 (IF: 2.128 S: 9 ISI: 11 GS: 15)
- Zong Y, Huang G, Switzer AD, Yu F, Yim WW-S. (2009) An evolutionary model for the Holocene formation of the Pearl River delta, China. *The Holocene* 19(1) 129-142 (IF: 3.794 S: 37 ISI: 38 GS: 50)
- Switzer AD, Pucillo K, Hareddy RA, Jones BG, Bryant EA (2005) Sea-level, storms or tsunami; enigmatic sand sheet deposits in sheltered coastal embayment from southeastern New South Wales Australia *Journal of Coastal Research* 21 (4): 655-663 (IF: 0.755 S: 40 ISI: 42 GS: 59)
- Chivas AR, Garcia A, Van der Kaars S, Couapel MJJ, Holt S, Reeves JM, Wheeler DJ, Switzer AD et al., (2001). Sea-level and environmental changes since the last interglacial in the Gulf of Carpentaria, Australia: An overview. *Quaternary International* 82-85, pp. 19-46 (IF: 2.128 S: 85 ISI: 89 GS: 123)

#### **v) RECENT AWARDS**

- Singapore National Research Foundation Fellow (2010--2015)
- SKLEC Distinguished Presentation Award – ECSA53 Estuarine Coastal Science Association 2013
- Australian Post Graduate Award Industry (APAI) 2001--2005

#### **vi) POSTGRADUATE STUDENTS TRAINED TO DATE**

##### M.Sc and M.Phil

- Lau Ai Yi Annie (MPhil, HKU; 2009-2010)
- Sylvia Chik Shun Wah (MSc HKU 2009-2010)
- Esther Yeung (MSc HKU 2008-2009)
- Brandon Wu (MSc HKU 2007-2008)
- David Chu (MSc HKU 2006-2007)

##### PhD

- Chiu Hon Chim – University of Hong Kong
- Mengli Chen – NTU SMART program with MIT

#### **vii) CURRENT POSTDOCS AND PhD STUDENTS AND THEIR FUNDING SOURCES**

Research fellows

- Aron Meltzner – EOS
- Lin Lin Li – AXA Research Fellow

PhD students

- Lea Soria – NRF/RSS
- Pham Tien Dat – NRF/RSS
- Jędrzej Majewski – IGS
- Stephen Chua – IGS
- Constance Chua – RSS/Private Donor