CURRICULUM VITAE of Dr ADAM DOUGLAS SWITZER

ACADEMIC QUALIFICATIONS

1999 B.Sc. Hons, University of Wollongong, Australia
2005 Ph.D. University of Wollongong, Australia

PREVIOUS ACADEMIC POSITIONS
2000 - 2004 Casual academic, University of Wollongong, Australia
2003 - 2003 Associate Lecturer, University of Wollongong, Australia
2005 - 2005 Cheung Kong Endeavour Australia Fellow, The University of Hong Kong
2005 - 2007 Post-doctoral Research Fellow, The University of Hong Kong
2007 - 2009 Centenary Research Assistant Professor, The University of Hong Kong

PRESENT ACADEMIC POSITIONS
2010 - present National Research Foundation Fellow and Nanyang Assistant Professor
2009 - present Principal Investigator, Earth Observatory of Singapore,
Nanyang Technological University, Singapore

KEY SKILLS

- Demonstrated experience in the initiation, coordination and development of new programs in climate science and natural hazards.
- Supervision of honours and postgraduate students engaged in course work and postgraduate research projects.
- Development and management of large research projects involving consultants, industry, academics and students.
- Experience in consulting for numerous NGO's and governments in Asia.
- Stimulating public speaker with significant media experience.
- Proven ability to provide a medium between scientific literature and main stream media.
- 10 years retail management experience.

Recent research achievements

I am an internationally recognized expert in tsunami and storm deposits and associated sedimentation. My most significant contributions to the field of tsunami and storm science include;

- The recognition that immature heavy mineral suites in coastal sandsheets may indicate tsunami deposition rather than storm deposition in coastal settings (Switzer et al. 2005; Switzer and Jones, 2008a)
- The recognition of an erosional signature of large scale washover of coastal dunes using Ground Penetrating Radar (Switzer et al. 2006)
- The first study of modern storm deposits from the Australian southeast coast (Switzer and Jones 2008b)

- The first detailed studies of the sedimentary processes associated with the 2004 Indian Ocean tsunami on the southeast coast of India (Srinivasalu et al. 2007; Switzer et al. in press)
- The first detailed comparative morphology study on elevated boulders on the southeast Australian coast (Switzer and Burston *2010*).

5 selected peer reviewed publications

Switzer, A.D., and Burston, J.M. 2010 Competing mechanisms for boulder deposition on the southeast Australian coast. Geomorphology 114 (1-2), 42-54

Switzer A.D and Jones B.G. 2008 Large-scale washover sedimentation in a freshwater lagoon from the southeast Australian coast: tsunami or exceptionally large storm. The Holocene 18(5): 787-803.

Switzer, A.D and Jones, B.G. 2008 Set-up, deposition and sedimentary characteristics of two storm overwash deposits, Abrahams Bosom Beach, eastern Australia Journal of Coastal Research 24 1A 189–200

Switzer, A.D., Bristow, C.S. and Jones, B.G. 2006 An erosional signature for large-scale washover identified using Ground Penetrating Radar on a small Holocene barrier from the southeast Australian coast. Sedimentary Geology 183: 145-146

Switzer, A.D., Pucillo, K., Haredy R.A., Jones, B.G. and Bryant, E.A. 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