

## References

- Cane, Mark A. (2004) "The evolution of El Niño, past and future" *Earth and Planetary Science Letters* **164**, 1-10.
- Cobb, Kim M., Niko Westphal, Hussein R. Sayani, Jordan T. Watson, Emanuele Di Lorenzo, H. Cheng, R. L. Edwards and Christopher D. Charles (2013) "Highly Variable El Niño–Southern Oscillation Throughout the Holocene" *Science* **339**, 67-71.
- D'Arrigo, Rosanne, Edward R. Cook, Rob J. Wilson, Rob Allan, and Michael E. Mann (2005) "On the variability of ENSO over the past six centuries" *Geophysical Research Letters* **32**, L03711.
- DiLorenzo, E.; N. Schneider; K. M. Cobb; P. J. S. Franks; K. Chhak; A. J. Miller; J. C. McWilliams; S. J. Bograd; H. Arango; E. Curchitser *et al.* (2007), "North Pacific Gyre Oscillation links ocean climate and ecosystem change," *Geophysical Research Letters* **35**, L08607.
- Frauenfeld, Oliver W.; Robert E. Davis; and Michael E. Mann (2005), "A distinctly interdecadal signal of Pacific Ocean atmosphere interaction," *Journal of Climate*, **18**, 1709–1718.
- Gedalof, Ze'ev and Dan J. Smith (2001) "Interdecadal climate variability and regime-scale shifts in Pacific North America" *Geophysical Research Letters* **28**, 1515-1518.
- Gergis, Joëlle L. and Anthony M. Fowler (2008) "A history of ENSO events since A.D. 1525: implications for future climate change", *Climatic Change* DOI 10.1007/s10584-008-9476-z
- Gergis, Joëlle L. and Anthony M. Fowler (2009) "A history of ENSO events since A.D. 1525: implications for future climate change" *Climatic Change* **92**, 343-387.
- Giese, B. J. and S. Ray (2011) "El Niño variability in simple ocean data assimilation (SODA), 1871–2008" *Journal of Geophysical Research* **116**, C02024.
- Guilderson, Thomas P.; and Daniel P. Schrag (1998), "Abrupt shift in subsurface temperatures in the tropical Pacific associated with changes in El Niño," *Science* **281**, 240–243.
- Hare, Steven R.; and Nathan J. Mantua (2000) "Empirical evidence for North Pacific regime shifts in 1977 and 1989," *Progress in Oceanography* **47**, 103–145.
- Jin-Yi Yu\* and Seon Tae Kim (2013) "Identifying the Types of Major El Niño Events since 3 1870" *International Journal of Climatology* **33**, 2105-2112.
- Kim, Hey-Jin and Arthur J. Miller (2007) "Did the Thermocline Deepen in the California Current after the 1976/77 Climate Regime Shift?" *Journal of Physical Oceanography* **37**, 1733-1739.
- Li, Jinbao, Shang-Ping Xie, Edward R. Cook, Mariano S. Morales, Duncan A. Christie, Nathaniel C. Johnson, Fahu Chen, Rosanne D'Arrigo, Anthony M. Fowler, Xiaohua Gou

and Keyan Fang (2013) “El Niño modulations over the past seven centuries” *Nature Climate Change* **3**, 822-851.

Minobe, Shoshiro, Niklas Schneider, Clara Deser, Zhengyu Liu, Nathan Mantua, Hisashi Nakamura, and Masami Nonaka (2004) “Pacific Decadal Variability: A Review” [http://www.cgd.ucar.edu/cas/cdeser/Docs/jclim\\_minobe-pdv.pdf](http://www.cgd.ucar.edu/cas/cdeser/Docs/jclim_minobe-pdv.pdf)

Power, Scott B.; and Ian N. Smith, “Weakening of the Walker Circulation and apparent dominance of El Niño both reach record levels, but has ENSO really changed?” *Geophysical Research Letters* **34**, L18702-5 (2007).

Trenberth, Kevin E. and Timothy J. Hoar (1997) “El Niño and Climate Change,” *Geophysical Research Letters* **24**, 3057-3060.

Wang, Chunzai and Joel Picaut (2004) “Understanding ENSO Physics—A Review”, Geophysical Monograph Series 147.

Wang, Chunzai, Clara Deser, Jin-Yi Yu, Pedro DiNezio and Amy Clement (2012) “El Niño and Southern Oscillation (ENSO): A Review” submitted to Springer Press as a chapter in a book Coral Reefs of the Eastern Pacific.

Wolter, Klaus and Michael S. Timlin (2011) “El Niño/Southern Oscillation behavior since 1871 as diagnosed in an extended multivariate ENSO index (MEI.ext)” *International Journal of Climatology* **31**, 1074-1087.

Wu, Lixin; Dong Eun Lee; and Zhengyu Liu (2005), “The 1976/77 North Pacific climate regime shift: The role of subtropical ocean adjustment and coupled ocean–atmosphere feedbacks,” *Journal of Climate* **18**, 5125–5140.

Tudhope, S. and Collins, M. 2003. The past and future of El Niño. *Nature* **424**: 261-262.