

CURRICULUM VITAE

CHRISTOPHER LUCAS

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EDUCATION

Ph. D., Texas A & M University, Meteorology, 1998
M.S., Texas A & M University, Meteorology, 1993
B.S., Texas A & M University, Meteorology, 1989

PROFESSIONAL EXPERIENCE

March 2006 – present APS Executive Level 1, Climate Forecasting Group,
Bureau of Meteorology Research Centre, Melbourne, Victoria, Australia

Feb 2004 – March 2006 APS Level 6, Climate Forecasting Group, Bureau of
Meteorology Research Centre, Melbourne, Victoria, Australia

Jan 2001 – Dec 2003 Lecturer, Level B, Department of Physics, University of
Adelaide, Adelaide, Australia.

Oct 1998 - Dec 2000 Postdoctoral Fellow, Department of Physics, University of
Adelaide, Adelaide, Australia.

ACCOMPLISHMENTS

My tenure at the Bureau of Meteorology Research Centre has been in a position funded by the Bushfire CRC. I have worked on several projects relating the effects of climate and bushfires. These projects include the compilation and quality control of historical humidity and fire weather data sets, studies documenting the effects of climate on bushfires and a cross-disciplinary project to produce an seasonal outlook for the upcoming bushfire season.

RELEVANT JOURNAL ARTICLES, REPORTS AND CONFERENCE PRESENTATIONS

Lucas, C., G. Mills and T. Brown, 2006: Bushfire seasonal assessment 2006-7: A look ahead at the coming fire season. Bushfire CRC Report, 24 pp.

Nicholls, N. and C. Lucas, 2006: Interannual variations of area burnt in Tasmanian bushfires: Relationships with climate and predictability. Submitted to *Intl. J. Wildland Fire*.

Hennessy, K., C. Lucas, N. Nicholls, J. Bathols, R. Suppiah, J. Ricketts, 2006: Climate change impacts on fire-weather in south-east Australia. CSIRO Report, 88

pp.

- Lucas, C., 2006: A high-quality humidity dataset for Australia. *17th Australia New Zealand Climate Forum*, 5-7 September 2006.
- Lucas, C., 2006: An Australian fire weather dataset:1957-2003. Poster, *The Joint AFAC/IFCAA/Bushfire CRC Conference 2006*, Melbourne, 10-13 August 2006
- Lucas, C. and K. Finkele, 2006: Comparison of FFDI derived from gridded and station-based data. Poster, *The Joint AFAC/IFCAA/Bushfire CRC Conference 2006*, Melbourne, 10-13 August 2006
- Blanchi, R., C. Lucas, K. Finkele and J. Leonard, 2006: Meteorological conditions and wildfire-related house loss in Australia. Poster, *The Joint AFAC/IFCAA/Bushfire CRC Conference 2006*, Melbourne, 10-13 August 2006
- Lucas, C., 2005: Fire climates of Australia: Past, present and future. *6th Symposium on Fire and Forest Meteorology*, Canmore, Alberta, Canada. 25-27 October 2005.
- Lucas, C., 2005: Fire weather history of southeast Australia. Poster, *Bushfire CRC/AFAC 2005 Conference*, Auckland, New Zealand, 5-7 October 2005.