



Michael Griffiths

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EDUCATION


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| M.Sc. Geosciences, 2006 | University of Massachusetts (UMass), Amherst, MA, USA |
| B.Sc. Geosciences, 2004 | University of Wollongong, Australia <ul style="list-style-type: none">Completed final year as an International Exchange Student at UMass, Amherst, MA, USA |

RESEARCH INTERESTS

- Climatic extremes in the northeast United States during the 20th century
- Quaternary climate
- The use of corals and speleothems to provide evidence of past environmental change in the tropics
- ENSO variability over the past ~100,000 years

RESEARCH EXPERIENCE

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| 2004-Present | Research Assistant, UMass (Advisor: Raymond S. Bradley) <ul style="list-style-type: none">• M.S Thesis: "<i>A 19th Century Climate Data Catalog for New England and Adjacent States</i>"• Combining instrumental data with historical records to produce a monthly gridded and station-based set of temperature and precipitation data for the region, extending back to ~1800• Assess the relative frequency and intensity of extreme climatic events related to natural process, anthropogenic influences and modes of large scale atmospheric circulation |
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- 2003 Independent study, International Exchange Student, UMass
- Study: “*Observed Changes in Climatic Extremes Within Three New England Stations: Hanover (NH), Lewiston (ME) and Amherst (MA) from 1935-2001*”
 - Examined the frequency and intensity of nine climatic extreme indicators, obtained from the European Climate Assessment (ECA) group, within the New England region

AWARDS

- 2004-Present Research Assistantship, UMass, Amherst, MA, USA
National Oceanographic and Atmospheric Administration (NOAA)
- 2003 Deans list (GPA above 3.5), UMass, Amherst, MA, USA
- 2003 Accepted into International Exchange Program at UMass
- 2003 Awarded a \$1000 scholarship from the University of Wollongong to study abroad at UMass

COMPUTER SKILLS

Programs: MS office, Sigma Plot, SPSS, Surfer, IDL, Fortran (basics), MATLAB, Adobe Illustrator, STELLA

PROFESSIONAL MEMBERSHIPS

American Geophysical Union (AGU)
American Meteorological Society (AMS)

PERSONAL INTERESTS

- Surfing
- Diving
- Travelling
- Australian Rules Football