



## 2006 AUSTRALASIAN-INTIMATE Meeting

University of Canterbury  
Edward Percival Field Station  
Kaikoura, South Island  
New Zealand  
Wed 29<sup>th</sup> Nov - Thur 30<sup>th</sup> Nov  
Field trip Friday 1<sup>st</sup> Dec, 2006

This is going to be a small and INTIMATE meeting! We have a good variety of people attending with an excellent range of skills. The small numbers mean that the workshop can be more informal and I have high hopes of an extremely productive meeting.

Because of the numbers, we have allocated a 30 minute slot for speakers with the intention that you plan to talk for 20 and have a useful time for discussions.

To remind everyone...

### **OBJECTIVES:**

The AUSTRALASIAN-INTIMATE Group has been active for the past 3 years. As an Australasian team (with associates from all over the globe) we have made significant progress in working towards a common theme of documenting our climate records and a better understanding of Southern Hemisphere climate variability over the last 30,000 to 8000 years. The major focus of this meeting is to continue our group discussions on topics related to a procedure and format to construct an agreed event stratigraphy and prepare for INQUA 2007. The meeting will also provide an opportunity for INTIMATE related research to be presented to the regional community prior to the INQUA meeting in Cairns. In short, this years meeting will work on bringing the current cycle of this project to fruition at INQUA in Cairns and planning for the next incarnation.

- To discuss and evaluate options for and benefit of an event stratigraphy based on Antarctic ice-core records as a reference template and/or as a benchmarking exercise (document attached to this meeting announcement).
- To discuss and make recommendations for an initial draft of an Australasian event stratigraphy (this does not necessarily preclude the 'Antarctic' event stratigraphy)
- To plan for Australasian INTIMATE project activity at INQUA Conf, Cairns, August 2007, and to allow individuals the opportunity to dry-run material for INQUA 2007.
- To plan for the future of Australasian INTIMATE after INQUA Conf 2007

## **LOCATION:**

Edward Percival Teaching Laboratories, University of Canterbury, Kaikoura Field Station

## **UPDATED (STILL PROVISIONAL) PROGRAMME:**

*Wednesday November 29th, 2006*

### **SESSION I – OVERVIEW OF THE EVENT STRATIGRAPHY PART 1.**

**9.30 AM** – Registration open.

10.30-10.40 am AUSTRALASIAN-INTIMATE Welcome and overview

10.40- 12.00 Discussion and recommendations for an Antarctic ice-core event stratigraphy

This will include an overview on the new GICC05 timescale and a discussion by David Fink on the objective (mathematical) definition of events from the curves. To warm you up on this topic I am resending Peter Almonds' discussion on this topic from last year.

*12.00 – 1.00 pm Lunch*

1.00-2.00 pm First discussions, ideas and drafts for an Australasian event stratigraphy

### **SESSION II**

#### **AUSTRALASIAN INTIMATE RESEARCH**

2.00 – 5.00 pm Research presentations

Ed Rhodes - Records of the late Glacial from Australian dunes

Martin Brooks – Glaciation of the Tararuas

James Shulmeister, Olivia Hyatt, David Fink, Henrik Rother, Uwe Rieser – Glacial timing in the Rakaia and other eastern valleys.

Marcus Vandergoes, Rewi Newnham and George Denton. Anatomy of LGM climate change in Southern New Zealand: High resolution chronology from Galway tarn, South Westland.

Phil Burge - Beetles versus Pollen – A 16,000 year record through the LGM from the Westport region

P.W. Williams, H.Neil, D.T. King and J. X. Zhao. Towards a quantitative calibration of stable isotope signals from New Zealand Speleothems

5.00 – 6.00 pm Poster Session

6.00 pm *BBQ*

***Thursday 30<sup>th</sup> November, February 2006***

### **SESSION III**

#### **AUSTRALASIAN INTIMATE RESEARCH continued**

9.00 – 11.00 am Research presentations

Greg Skilbeck, David Fink, Mike Gagan and Bert Rein - Interannual record of El Nino-Southern Oscillation over the last deglaciation from the Peru Continental Margin

Craig Woodward - New records of climate change from New Zealand during the last 30,000 years

Tim Barrows – Title TBC

10.45-11.00 am Discussion on new NZ vice-president to AQUA

11.00-11.30 *Morning Tea*

### **OVERVIEW OF THE EVENT STRATIGRAPHY PART 1.**

11.30- 1.00 pm Discussion of draft event stratigraphy continued

1.00-2.00 pm *LUNCH*

2.00-3.00 pm Discussion of draft event stratigraphy

### **SESSION IV**

#### **PLANNING FOR THE FUTURE – Cairns and beyond**

3.00-4.00 pm Information session on AUST INTIMATE programme at Cairns  
INQUA

4.00 -4.30 pm *Afternoon Tea*

4.00-5.00pm Concluding discussion on future of Australasian INTIMATE

***Friday 1<sup>st</sup> December, February 2006***

Fieldtrip back to Christchurch via Charwell (Peter Almond and Matt Hughes)

**Confirmed Participants List**

Peter Almond – Lincoln University

David Barrell – GNS Science

Tim Barrows – Australian National University

Martin Brook- Massey University

Phil Burge – University of Canterbury

Michael Evans – University of Canterbury

David Fink – Australian Nuclear Science and Technology Organisation

Olivia Hyatt – University of Canterbury

Darren King – NIWA

Ed Rhodes – Australian National University

Greg Skilbeck – University of Technology Sydney

Marcus Vandergoes – GNS Science/University of Maine

Phil Tonkin – University of Canterbury

Paul Williams - University of Auckland

Craig Woodward – University of Canterbury