



*AGENDA*

**Central Asia Deep Ice-Coring Project  
(CADIP)**

*Project team development meeting*

Orono, Maine

Hosted by the Climate Change Institute, University of Maine and the Glacio-  
Climatic Group, University of Idaho

May 23-26, 2005

**Monday—May 23**

**Arrival day**

**Tuesday—May 24**

***Introduction, Overall Meeting Objectives***

8:30 am Paul Mayewski, University of Maine – SCAR, IGBP, IPIC, ICARA

8:45 am Vladimir Aizen, University of Idaho – Central Asia

***Proposed Drilling Sites (Tien Shan, Pamir)—overview, technical characteristics, logistics***

9:00 am Vladimir Aizen

***Draft Strategy for Project Development and Cooperation***

9:30 am Paul Mayewski

## **DISCUSSION**

---

***Ice core measurements, processing and analytical techniques, suggested cut plan for measurements***

9:40 am - 12:00 am (discussion) China, Germany, Japan, Switzerland, USA (contribution)

Paul Mayewski, Karl Kreutz: Core processing.

Margit Schwikowski: OC/EC analysis, nuclear dating ( $^{210}\text{Pb}$ , tritium,  $^{14}\text{C}$  on carbonaceous particles), trace element analysis by continuous ice melting ICP-SFMS, Hg, (eventually cosmogenic isotopes  $^{10}\text{Be}$ ,  $^{36}\text{Cl}$ , on behalf of Hans-Arno Synal)

Fujita, Koji Reconstruction of summer temperature from ice layers based on heat balance calculation.

Takeuchi, Nozomu Analysis of biogenic material (algae, bacteria, pollen) in ice cores.

Vladimir Aizen, Elena Aizen and Robert Brander: stable isotope analysis ( $^2\text{H}$  and  $^{18}\text{O}$ ), core physical stratigraphy.

Major Ions: Sharon Sneed.

Michael Krachler and Paul Mayewski: Trace elements and dust particles??

## **Lunch**

**12:00-1:00**

***Supplementary observations related ice-coring – glaciological and meteorological observations, snow, atmospheric aerosols and other types of sampling and data collection***

1:00 pm - 2:00 pm (discussion)

Vladimir and Elena Aizen: field measurements of snow evaporation, melt, condensation and meteorological observations.

Fujita, Koji Candidate altitude for ice coring estimated from reanalysis data and heat balance calculation.

Other filed investigations.

*Field equipment –ice-drill, ground penetrating radar, automatic weather stations, temperature probes, etc.*

2:00 pm - 3:00 pm (discussion)

Paul Mayewski:

Margit Schwikowski: Paul Scherrer Institut, The FELICS drilling system

Michael Krachler:

*Ice-core storage facilities and transportation to storage facility*

3:00 pm - 3:20 pm (discussion)

**Break**

*Data sharing, interpretation, presentation and publication policy*

3:40 pm — 4:30 pm (discussion)

*Open Group Discussion*

4:30 pm and on

**Dinner**

7:00 pm

---

**Wednesday — May 25**

**DISCUSSION**

*Reconnaissance, July-August 2005*

8:00 am — 9:00 am

*2006 extended reconnaissance and deep ice-core in Ten Shan and 2007 deep deep ice-coring in Pamir*

9:00 am 9:30 am

*2005 reconnaissance budget*

9:30 am—10:20 am

*Approximate costs for 2006 season and beyond in Pamir and deep ice-coring in Tien Shan*

10:20 am—11:00 am

*Open Group Discussion*

11:00 am—12:00 pm

**Lunch**

*Conclusion and draft text of collaborative agreement*

1:00 pm — 3:00 pm

---

**Late afternoon tour of coastal Maine and dinner**

---

**Thursday—May 26**

*Return home*

---

**MEETING PARTICIPANTS**

**CHINA**

Dr. Hou Shugui

Cold and Arid Regions Environmental & Engineering Research Institute, Chinese Academy of Sciences, 260 West Donggang Road, Lanzhou 730000 CHINA. E-mail: [shugui@lzb.ac.cn](mailto:shugui@lzb.ac.cn)

**GERMANY**

Dr. Michel Krachler

Institute of Environmental Geochemistry, University of Heidelberg Im Neuenheimer Feld 236, D-69120 Heidelberg, GERMANY  
Tel: +49 (6221) 54-48-48; Fax: +49 (6221) 54-52-28  
E-mail: [krachler@ugc.uni-heidelberg.de](mailto:krachler@ugc.uni-heidelberg.de)

**JAPAN**

Dr. Koji Fujita Graduate School of Environmental Studies, Nagoya University,  
Furo-cho, Chikusa-ku, Nagoya City, 464-8601, JAPAN  
Tel: +81(52)789-3469; Fax: +81(52)789-3430  
E-mail: [cozy@nagoya-u.ac.jp](mailto:cozy@nagoya-u.ac.jp)

Dr. Nozomu Takeuchi, Research Institute for Humanity and Nature, 335 Takashima-cho,  
Kamigyo-ku, Kyoto 602-0878, JAPAN. Tel: +81(75) 229-6170;  
Fax: +81 (75) 229-6150; E-mail: [takeuchi@chikyu.ac.jp](mailto:takeuchi@chikyu.ac.jp)

### **SWITZERLAND**

Dr. Margit Schwikowski Paul Scherrer Institut, Labor für Radio- und Umweltchemie  
CH-5232 Villigen PSI, SWITZERLAND. Tel: +41 (56) 310-4110;  
Fax: +41 (56) 310-4435. E-mail: [margit.schwikowski@psi.ch](mailto:margit.schwikowski@psi.ch)

### **USA (University of Maine)**

Dr. Paul Mayewski Climate Change Institute, University of Maine, Orono, Maine  
04469 USA. Tel: +1 (207) 581-3019; Fax: +1 (207) 581-1203  
E-mail: [Paul.Mayewski@maine.edu](mailto:Paul.Mayewski@maine.edu)

Dr. Andrei Kurbatov Climate Change Institute, University of Maine, Orono, Maine  
04469-5790, USA. Tel: +1 (207) 581-2840; Fax: +1 (207) 581-  
1203; E-mail: [akurbatov@maine.edu](mailto:akurbatov@maine.edu)

Susan Kaspari PhD student, Climate Change Institute, University of Maine,  
Orono, Maine 04469 USA. Tel: +1 (207) 581-2164;  
Fax: +1 (207) 581-1203; E-mail: [susan.kaspari@maine.edu](mailto:susan.kaspari@maine.edu)

Bjorn Grigholm MSc student, Climate Change Institute, University of Maine,  
Orono, Maine 04469 USA.

Dr. Karl Kreutz Stable Isotope Laboratory, 236 Sawyer Environmental Research  
Center, University of Maine Orono, Maine 04469, USA.  
Tel: +1 (207) 581-3011; +1 (207) 581-3490  
E-mail: [karl.kreutz@maine.edu](mailto:karl.kreutz@maine.edu)

Sharon Sneed ICGL Laboratory, Climate Change Institute, University of Maine,  
Orono, Maine 04469 USA. Tel: 207 581-2208;  
E-mail: [sharon.sneed@maine.edu](mailto:sharon.sneed@maine.edu)

Mike Handley ICP/ ICPMS Laboratory, Climate Change Institute, University of  
Maine, Orono, Maine 04469 USA.

### **USA (University of Idaho)**

Dr. Vladimir Aizen Glacio-Climatic Group, College of Science, P.O. Box 443025,  
University of Idaho, Moscow, ID 83844, USA. Tel. +1 (208) 885-  
3778; Fax. +1 (208) 882-3778; E-mail. [aizen@uidaho.edu](mailto:aizen@uidaho.edu)

Dr. Elena Aizen Glacio-Climatic Group, College of Science, P.O. Box 443025,  
University of Idaho, Moscow, ID 83844, USA. Tel. +1 (208) 885-  
3778; Fax. (208) 882-3778; E-mail. [eaizen@uidaho.edu](mailto:eaizen@uidaho.edu)

Robert Brander Stable Isotope Laboratory, College of Natural Resources, PO Box  
441133, Moscow, Idaho 83844-1133, USA. Tel: (208) 885-6512  
E-mail: [brander@uidaho.edu](mailto:brander@uidaho.edu)