

Central Asia Deep Ice-Coring Project (CADIP)

Second team meeting



*Welcome to Nagoya!! It is a great pleasure to have CADIP meeting
at the Nagoya University.*

**Hosted by the Hydrospheric Atmospheric Research Center
Nagoya University, Japan**

January 27-30, 2006

MEETING AGENDA

Friday (January 27)

Arrival of participants

Social in a Sushi Bar or Japanese restaurant after 18:00

Saturday (January 28)

Introduction, common understanding of the goals of this meeting and long-term cooperation

- 8:30** Welcome and purpose of meeting
Koji Fujita, Nozomu Takeuchi, Masayoshi Nakawo
- 8:40** Identification of science questions that should be addressed with CADIP
Paul Mayewski, Vladimir Aizen
- 9:00** A project to recover the range of surface to bottom ice cores in Tien Shan and Pamir and longest possible paleoclimate record at mid- low latitudes from 1000 m ice-core proposed to recover on the Fedchenko Glacier in 200??
Vladimir Aizen
- 9:20** Reconnaissance in Central Tien Shan, Grigorieva Glacier, July 2005. Results and perspective to recover surface to bottom ice-core in summer 2006 or ?? Status of two 165 m ice-cores recovered in 2000 in Tien Shan.
Nozomu Takeuchi and Vladimir Aizen
- 10:00** Break
- 10:30** Reconnaissance in Pamir, August 2005 and first results.
Vladimir Aizen
- 11:10** Pamir field research 2006 and further project development: suggestions and rationales. Discussion led by *Paul Mayewski, Vladimir Aizen, Koji Fujita, Margit Schwikowski*
- 12:00** Lunch
- 13:30** Necessary field equipment, logistics and laboratory analyses. Discussion led by *Paul Mayewski and Vladimir Aizen*
- 14:00** Ice-thickness measurements.
Discussion led by Vladimir Aizen with permission of Christoph Mayer
- 14:30** Meteorological, glaciological observations. What kind of observations we need to achieve our goal?

Discussion led by *Koji Fujita, Margit Schwikowski, Vladimir Aizen*

15:00 Break

15:30 Ice drilling: - technique approach, equipment, questions and answers. What drill we could use for 1 000 m ice-core and where we can get this drill? Who will be responsible for shallow (100-300 m) and deep ice-coring?

Discussion led by *Paul Mayewski, Margit Schwikowski, Akiyoshi Takahashi*

16:00 Laboratory ice-core processing and analyses. What laboratory and equipment availability we have among of our team? Ice core measurements, processing and analytical techniques, suggested cut plan for measurements.

Discussion led by *Paul Mayewski, Michael Krachler, Nozomu Takeuch, Koji Fujita,*

GENERAL DISCUSSION, QUESTIONS and appetizers. Attendees are also encouraged to bring one bottle of wine or beer from their home to share international diversity and experience.

19:00 Dinner

Sunday (January 29)

9:00 Budget 2006 and 2007 (field research in Tien Shan and Pamir)

Discussion led by *Vladimir Aizen*

10:00 Discussion of collaboration and cooperation: What do we mean by collaboration? Why collaborate? What we mean by cooperation and how this should work? Data sharing, interpretation, presentation and publication policy (remembrance)

Discussion led by *Paul Mayewski*

11:00 Open Group Discussion

12:00 Lunch

13:00 — 15:00

Conclusion and corrected text of collaborative agreement

Late afternoon tour to the Nagoya castle

19:00 Dinner

Monday (January 30)

Return home or individual plan

MEETING PARTICIPANTS

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

Dr. Christoph Mayer

(represent by Aizen)

Kommission fur Glaziologie der Bavarischen Academie der
Wissenschaften, Marstallplatz 8, 80539, Munchen, GERMANY Tel:
+49 (1260) 892-3031 ext. 314
E-mail: Christoph.Mayer@LRZ.badw.muenchen.de

JAPAN

Dr. Jumpei Kubota

Research Institute for Humanity and Nature, 335 Takashima-cho,
Kamigyo-ku, Kyoto 602-0878, JAPAN. Tel: +81(75) 229-6171; Fax:
+81 (75) 229-6150; E-mail: jkubota@chikyu.ac.jp

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

Dr. Masayoshi Nakawo

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: nakawo@chikyu.ac.jp

Dr. Nozomu Takeuchi

Research Institute for Humanity and Nature, 335 Takashima-cho,
Kamigyo-ku, Kyoto 602-0878, JAPAN. Tel: +81(75) 229-6177
E-mail:

Dr. Takayuki Shiraiwa

Research Institute for Humanity and Nature, 335 Takashima-cho,
Kamigyo-ku, Kyoto 602-0878, JAPAN. Tel: +81(75) 229-6188; Fax:
+81 (75) 229-6150; E-mail: shiraiwa@chikyu.ac.jp

Dr. Takayuki Miyake

National Institute of Polar Research, Research Organization of
Information and Systems, 1-9-10 Kaga, Itabashi-ku, Tokyo 173-8515,
Japan, Tel +81-3-3962-5582, Fax +81-3-3962-5719, E-mail
tmiyake@pmg.nipr.ac.jp

Dr. Sumito Matoba

Institute of Low temperature Science, Hokkaido University, Kita-19,
Nishi-8, Kita-ku, Sapporo 060-0819, Japan, Tel +81-11-706-5485, Fax
+81-11-706-7142, E-mail: matoba@pop.lowtem.hokudai.ac.jp

Dr. Fumio Nakazawa Department of Environmental Sciences, Faculty of Science, Shinshu University, 3-1-1 Asahi, Matsumoto, 390-8621, JAPAN, Tel: +81-263-37-3345 Fax: +81-263-37-2560 E-mail: nakazawa@shinshu-u.ac.jp

Dr. Shiro Kohshima Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology, 2-12-1 Ookayama Meguro-ku Tokyo 152-8551 Japan, Tel: +81(3)5734-2657; Fax +81(3)5734-2946, kohshima@bio.titech.ac.jp

Jun Uetake Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology, 2-12-1 Ookayama Meguro-ku Tokyo 152-8551 Japan, Tel: +81(3)5734-3383; Fax +81(3)5734-2946, E-mail: juetake@bio.titech.ac.jp

Akiyoshi Takahashi Geo Tecs co. Ltd. 1-15-14 Knayama Naka-ku Nagoya 460-0022 Japan Tel: 052-324-7770 Fax: 052-324-7771, E-mail: a-takahs@sannet.ne.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

Dr. Hans-Arno Synal ETH Institute for Particle Physics, HPK/H33 ETH Hönggerberg, CH-8093 Zürich, SWITZERLAND Tel: +41 44 633 2027; E-mail: synal@phys.ethz.ch
(represent by Aizen and Schwikowski)

USA

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

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

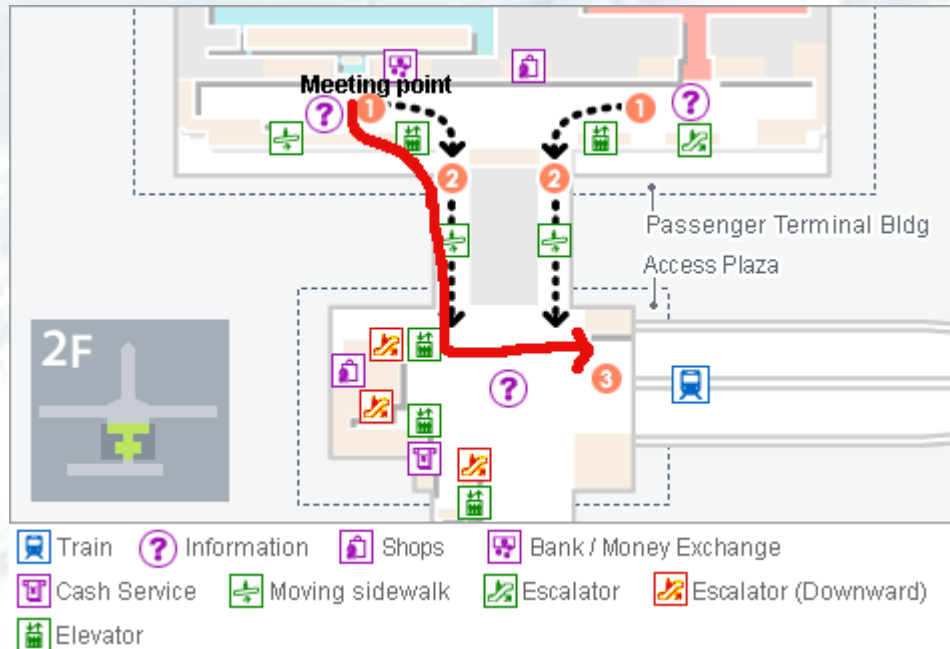


TRAVEL ADVISES and ACCOMMODATION

For Dr. Paul Mayewski and Dr. Michael Krachler who will arrive to the Centrair, Chubu International Airport

<http://www.centrair.jp/en/index.html>

Figure 1. Map of Chubu International Airport



After arriving please go to the meeting point (see left number 1 in a pink spot) where you will meet with one of Dr. Fujita student who will escort you to the University.

If you will not find the meeting point or will not get together, please walk down along the “red arrow” on the **Fig.1** then purchase train ticket to Nagoya (850 yen for rapid, 1200yen for express), and you will reach the Nagoya Station in 30-50 min depending on the type of train.

At the Nagoya Station:

At the Nagoya station please walk down along the “red arrow” (**Fig. 2, page 7**), purchase the subway ticket to “Motoyama” (260yen). The travel time between “Nagoya” station and “Motoyama” station is 20 min.

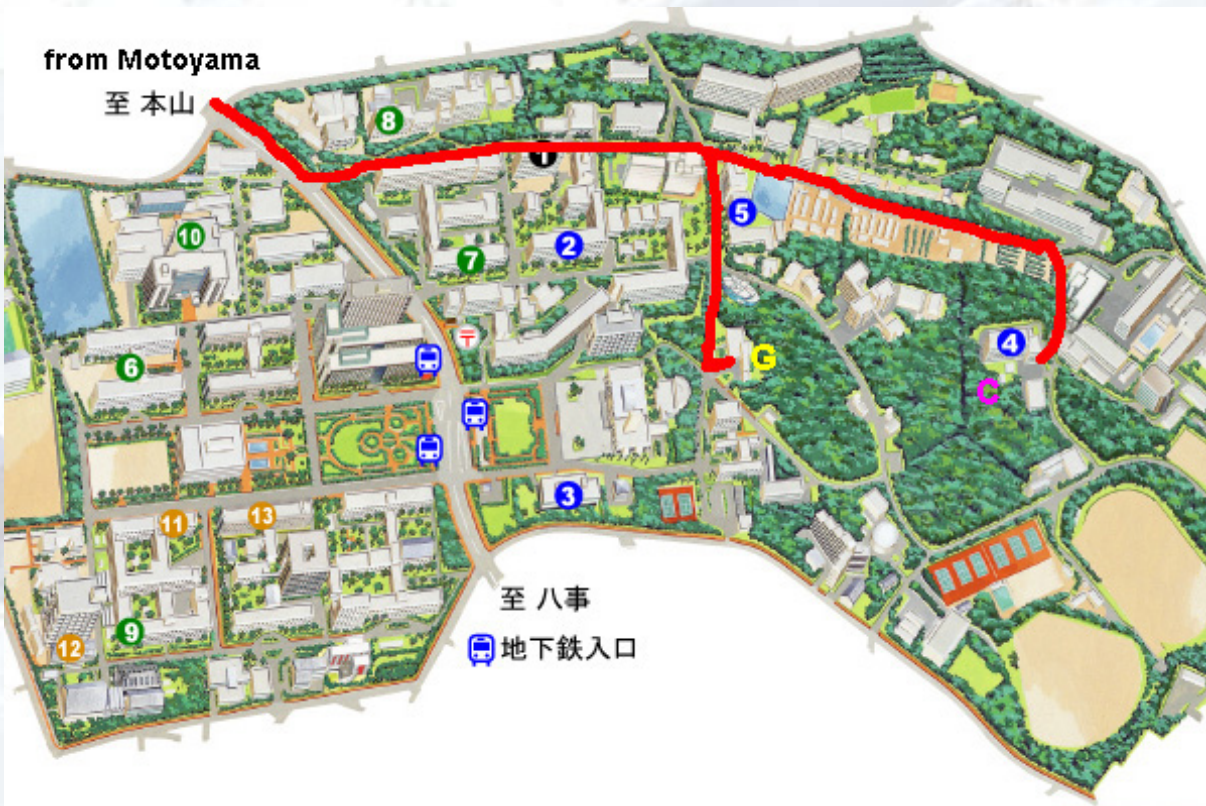
From Motoyama Station:

Please find the entrance No. 3 then walk up hill toward south. After 15 minutes walk, you will see the Nagoya University (**Fig. 3, page 7**).

Fig. 2. Map of Nagoya Station



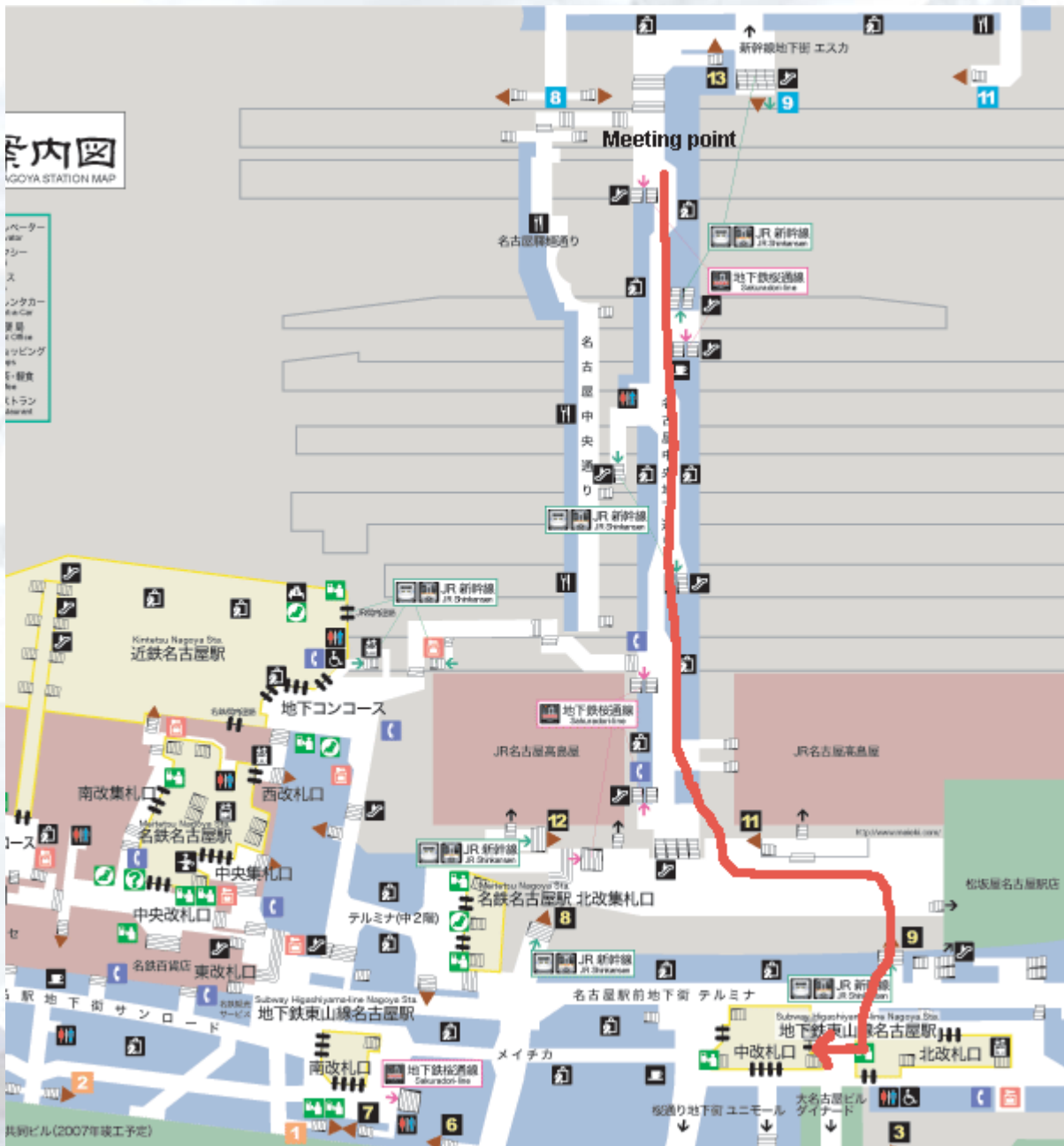
Fig. 3. Map of the Nagoya University



When you will come to the campus, you should find the HyARC (C) marked in pink color. The Guesthouse is at the (G) point marked yellow.

For Dr. Margit Schwikowski and Dr. Vladimir Aizen, who will arrive to the Narita (Tokyo) International Airport.

Fig. 4. Map of Nagoya station from the Shinkansen terminal.



At the Narita International Airport choose the "JR" train not "Keisei" train (the way to Tokyo is 1 hour). When you will arrive to Tokyo station you should walk through the station about 20 min or more to reach Shinkansen train stop point. When you will know the time of departure from Tokyo to Nagoya, please call us from Station or from Shinkansen train. The way from Tokyo to Nagoya is 1 hour 40 min.

At the Nagoya terminal, you will be met with one of Dr. Fujita student who will escort you to the University. If you will not find the meeting point or you will not get together, please walk down along the “red arrow” on the **Fig.4, page 8**, and then purchase the subway ticket to “Motoyama” (260yen). The travel time between “Nagoya” station and “Motoyama” station is 20 min.

From Motoyama Station:

Please find the entrance No. 3 then walk up hill toward south. After 15 minutes walk, you will see the Nagoya University (**Fig. 3, page 7**). When you will come to the campus, you should find the HyARC (C) marked in pink color. The Guesthouse is at the (G) point marked yellow (**please see Fig.3, page 7**).

Contacts and address:

Koji Fujita

E-mail : cozy@nagoya-u.jp

Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan

Office phone:

+81-52-789-3479 (from oversea)

052-789-3479 (in Japan, but outside of Nagoya city)

789-3479 (in Nagoya city)

Additional mobile phone numbers:

K. Fujita 080-5123-1313

Y. Matsuda 090-4739-3624

R. Suzuki 090-1284-0121

Change Money:

Please change your currency at the air port (Narita or Chubu). It is rather difficult to change money in the city.

Accommodation:

Several rooms have been booked for the meeting participants at the Nagoya University Guesthouse. The Guesthouse address is: **Higashiyama campus of Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan**

Phone : +81-52-789-4916 (from oversea)

052-789-4916 (from Japan but outside Nagoya city)

789-3479 (inside city)

Working hour : 10:00-16:00 Mon.-Fri.

Since the participants should pay some fee and take room key the day before arrival, Dr. Fujita or his students will give the key when you will arrive to Nagoya.

Food:

Breakfast: it is inconvenient in the campus due to weekend. We recommend you to buy something to eat in the previous night.

Lunch: Due to the same reason, no shop is available in the campus. We'll take lunch boxes.

Dinner: Saturday and Sunday nights, we'll arrange dinner outside of the campus.

If you have special request for food such as "vegetarian" and/or allergies, please ask Dr. Koji Fujita without hesitation.

No additional fee is necessary except meal, accommodation & transfer.

Please also visit CADIP Nagoya Meeting web site (<http://snowman.hyarc.nagoya-u.ac.jp/cadip/>) Dr. Fujita created for the meeting. You may find similar information and some simple Japanese expression to ask how to find your destination or how to call, etc.

We are looking forward to see you in Nagoya!

