



Programme

Tuesday 8th

Transfert from Cointrain (Geneva Airport) by shuttle for the concerned participants

Welcome to Centre Jean Franco

17:00 - 18:00 Registration

18:00 - 19:15 Ice breaker

19:15 - 21:00 Dinner

Wednesday 9th

08:30 - 09:00 Registration

09:00 - 09:15 Opening session

Each speaker has 20-22 minutes for oral presentation and 7-8 minutes for answering questions.

09:15 - 10:45 Session 1 : Environment monitoring

Moderator : Thierry Brossard

Ken Dean, J. Dehn, R. Peterson, L. Bickmeier, A. Stefke, C. Kearney, S. Smith, P. Izbekov, K. Papp and A. Tranbenkova: FOURTEEN YEARS OF MONITORING SUB-ARCTIC VOLCANOES USING SATELLITE DATA: WHAT WE HAVE LEARNED

Helmut Epp, Donna Schreiner, Norm Mair: HIGH RESOLUTION SATELLITE DATA FOR COMMUNITY DEVELOPMENT AND MONITORING IN THE CANADIAN ARCTIC

Vladimir B. Zabavnikov, Vladimir I. Chernook: PINRO COMPLEX AIRBORNE RESEARCH BIOLOGICAL OBJECTS AND ENVIRONMENT CONDITIONS STUDY IN THE NORTH PART OF THE BARENTS SEA IN 2002-2003

10:45 - 11:15 Coffee break

11:15 - 12:45 Session 2 : Snow, ice

Moderator : Daniel Joly

Jostein Amlien & Rune Solberg: EVALUATION OF ALGORITHMS FOR THE RETRIEVAL OF SNOW SURFACE TEMPERATURE FROM MEDIUM RESOLUTION SATELLITE DATA

Hans Koren, Rune Solberg, Jostein Amlien: EVALUATION OF ALGORITHMS FOR THE RETRIEVAL OF SNOW GRAIN SIZE FROM OPTICAL SATELLITE DATA

Madeleine Griselin, Kim Holmen, Serge Ormaux: REMOTE SENSING FROM THE GROUND IN THE ARCTIC : A COMPLEMENTARY TOOL OF THE SATELLITE IMAGERY TO FOLLOW THE EVOLUTION OF THE ENVIRONMENT AND THE PROCESSES (ZEPPELIN FJELLET'S WEBCAM, NY AALESUND, SVALBARD)

12:45 - 14:00 Lunch

14:00 - 15:30 Session 3 . Vegetation Monitoring.

Moderator : Carl Markon

Myrtille Moreau, Dominique Laffly, Daniel Joly, Thierry Brossard: GIS AND PROBABILITY MODELIZATION OF PLANT COLONIZATION SINCE THE END OF THE LITTLE ICE AGE : EXEMPLE ON THE FOREFIELD OF MIDRE LOVÉN BREEN, SPITSBERGEN (79°N)

Timo Kumpula: QUICKBIRD-2 DATA IN REINDEER PASTURE CLASSIFICATION ON ARCTIC TUNDRA

M.K. Reynolds and D.A. Walker: THE CIRCUMPOLAR ARCTIC VEGETATION MAP: ANALYSIS OF DISTRIBUTION AND NDVI OF VEGETATION TYPES

15:30 - 16:00 Coffee break

16:00 - 17:00 Session 4 . Vegetation, animal population Monitoring

Moderator : Helmut Epp

Pieter Beck , Lennart Nilsen, Daniel Joly: PREDICTIVE HABITAT DISTRIBUTION MODELLING FOR PLANT SPECIES IN AN ARCTIC TUNDRA ENVIRONMENT, A CASE STUDY

Vladimir B. Zabavnikov, Vladimir I. Chernook: PINRO AIR MULTIFREQUENCIES SURVEYS FOR ASSESSMENT OF HARP SEALS DISTRIBUTION AND NUMBERS

17:15 - 19:15 Historical and cultural visit of Chamonix

19:15 - 21:00 Dinner : typical meal from Savoie region

Thursday 10th

09:00 - 15:00 Excursion at "Mer de Glace" and "Brevent"

The light and weather conditions are generally better for the morning. Therefore, we choosed to have the excusion at this time of the day. Due to a technical problem with the cable lift, the excursion to "Aiguille du Midi" must be cancelled. As an alternative, the combined visit to "Mer de Glace " and "Brevent" is planned. This excursion will give us an opportunity to have, on the field, some preliminary information to introduce the paper coming afterwards in the afternoon. Web : http://www.compagniedumontblanc.fr/fr/aiguille/aiguille_site.htm

Please, don't forget to bring with you clothes and shoes suitable for rainy and/or cold weather conditions.

16:30-17:00 Session 5 . Glacier monitoring

Moderator : Madeleine Griselin

Jean-Pierre Dedieu, Antoine Rabatel, Christian Vincent, Alvaro Soruco: A METHOD FOR MONITORING GLACIER MASS BALANCE USING REMOTE SENSING IN THE FRENCH ALPS: COMPARISON WITH GROUND MEASUREMENTS (1985-2003)

20:00 - 23:00 Banquet at restaurant "La Crémaillère" (Sallanches)**Friday 11th****09:00 - 10:30 Session 6 . Hydrology (soil, river, glacier)**

Moderator : Ken Dean

Olga Gorelits & Igor Zemlianov: REMOTE SENSING MONITORING SYSTEM OF SEASONAL HYDROLOGICAL PROCESSES IN THE POLAR RIVER DELTAS

Igor Zemlianov, Olga Gorelits: ELECTRONIC REMOTE SENSING IMAGES ATLAS OF THE NORTHERN EURASIA RIVER DELTAS

Roger G. Barry, T.E. Khromova, M .B. Dyurgerov: CHANGES IN GLACIER EXTENT IN THE CENTRAL TIEN SHAN, 1943-2001

10:30 - 11:00 Coffee break**11:00 - 12:30 Session 7**

Moderator : Jostein Amlien

Ken Dean & Jonathan Dehn: VOLCANIC ERUPTIONS OF THE NORTHERN PACIFIC: AN ATLAS OF SPACE-BORNE IMAGES (Oral & Poster)

Carl J. Markon: LANDCOVER MAPPING IN THE ARCTIC BY THE U.S. GEOLOGICAL SURVEY (Oral)

M. Shiobara, M. Yabuki, R. Neuber, E.J. Welton, T.A. Berkoff, J.R. Campbell, and J.D. Spinhirne: LONG-TERM MONITORING OF THE TROPOSPHERIC AEROSOL VERTICAL STRUCTURE AND OPTICAL PROPERTIES BY ACTIVE AND PASSIVE REMOTE-SENSING AT NY-AALESUND, SVALBARD (Oral)

12:30 - 14:00 Lunch**14:00 - 16:00 Session 8**

Chairman : Helmut Epp

Discussion for preparing the next International Polar Year (2007/2008)

16:00 - 17:00 Poster and closing session**19:15 - Dinner (with wine tasting session)**

Saturday 12th

Return to airport, possible lunch at Jean Franco in case of late departure