Formal minutes of the joint

3rd meeting of the ICA Commission on Mountain Cartography and
10th meeting of the DGfK Commission on High Mountain Cartography

Date: Wednesday, 11 October 2000, 13.30–15.00
Place: During INTERGEO 2000, Berlin, Germany
Building DIN, Room No. 42 A

Participants: Manfred Buchroithner (TU Dresden), Martin Gurtner (Swisstopo, Berne), Christian Häberling (ETH Zurich), Lorenz Hurni (ETH Zurich, chair), Andreas Neumann (ETH Zurich), Carsten Sänger (FH Munich), Roland Wimmer, Daniela Winkler (FH Munich), Michael Winkler (TU Dresden), André Winter (Uni Vienna), Theodor Wintges (FH Munich)

Topics

1. Welcome
Lorenz Hurni welcomes the participants. Since there are no non-German speaking persons present, the meeting language is German.

2. Minutes of meeting of 31.3.2000 at Rudolfshütte/Austria approved.

3. Review Workshop Rudolfshütte
The workshop with about 35 participants was very successful. See article in ICA News (http://skuld.cage.curtin.edu.au/~graciela/ica/icanews35.pdf)

4. Publication proceedings Rudolfshütte
Publication of proceedings is in preparation:
- Planned date of publication: Jan./Feb. 2001.
- Costs: 20000 DM. DGfK will sponsor about 10–12000 DM.
- Placement of advertisement in the edition should be envisaged, as well as advertisement of publication at ICC Beijing and in ICA News.
- Impressum: DGfK/ICA

5. Compendium on mountain cartography
No news.

6. Special Issue Cartographica
In preparation. Contributions are being collected.

7. Country reports
- Manfred Buchroithner (TU Dresden) reports:
  - 6th High Mountain Remote Sensing Cartography Group (HRMSC) meeting was held in Addis Abbeba and Nairobi. See article in ICA News (http://skuld.cage.curtin.edu.au/~graciela/ica/icanews35.pdf)
  - Place of next meeting not yet decided
  - Report about current projects at TU Dresden:
    - Mapping projects in Andes
    - Dissertation Kirschenbauer continues
    - Visualisation glacier dynamics (with A. Kääb)
    - Cave mapping at Dachstein-Südwandhöhle continues
- Geologic maps of Alpine metamorphosis have been produced in Dresden using OCAD software
- Tests of map updating in mountains using remote sensing procedures
- Theo Wintges (FH Munich) reports:
  - Tests with radar data for classification of surfaces (possible update of ATKIS data), also possible in high mountain areas
  - Dissertation Damoiseaux continues
  - Disaster management technologies: Research focus within a large project covering geotechnologies
  - Map update of Alpenverein map Silvretta continues
  - Diploma thesis Carsten Sänger: 3D-visualization of skiing area using 3D-symbolization (software: 3D Studio Max)
- Martin Gurtner reports:
  - Map updating at Federal Office of Topography (Swisstopo) is now completely migrated on DRY/Nuages platform
- Andi Neumann reports:
  - Cave mapping project at Dachstein Rieseneishöhle: transverse and longitudinal sections have been completed
  - 3D modelling of Dachstein area will be included in a tourism info system (run by Joanneum Graz)
- Christian Häberling reports:
  - Tests with 3D symbolization of DEM and topo data continue, as well as 2D symbolization of Swisstopo data
  - Semester thesis with 3D visualization of archaeological sites in Greece
- Lorenz Hurni reports:
  - EU project www.geowarn.org: Volcanological early warning and information system Nisyros/GR and Campi Flegrei/I
  - Work on digital cliff drawing continues (film hachures according Swisstopo)
  - Interactive analytical shading software has been further developed
- Roland Wimmer reports:
  - current activities in Southern Tyrol

8. Communication: Website, electronic forum, email
Website www.karto.ethz.ch/ica-cmc
Electronic forum and mail list is being prepared (Karel Kriz)

9. Review brainstorming on future activities
Postponed to next meeting

Infos at: http://www.nps.gov/cartoon/hood/mt/index.html
There will be topo test data of the area made available. Participants can use them to test their own visualization tools. Presentation during meeting

11. Preview: Nuria 2004
No news.

12. Announcements
2002: International Year of the Mountains: Lorenz Hurni established contacts with Bruno Messerli (President IGU)
2002: Year of geosciences in Germany with several events and congresses (info: Theo Wintges)
17.11.2000: Theorie 2000 at TU Dresden
Ausbildungsforum DGfK discusses future of cartography (info: Theo Wintges)

13. Next meeting
August 7, 2001, 17:00–18:00 at ICC Beijing

Lorenz Hurni, ETH Zurich
Chairman of the ICA Commission on Mountain Cartography, chairman of the DGfK Commission on High Mountain Cartography

More information at: www.karto.ethz.ch/ica-cmc