

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 Sanger (FH Munich), Roland Wimmer, Daniela Winkler (FH Munich), Michael Winkler (TU Dresden), Andre 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 Rudolfshutte/Austria

approved.

3. Review Workshop Rudolfshutte

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 Rudolfshutte

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. Kaab)
 - Cave mapping at Dachstein-Sudwandhohle continues

- Geologic maps of Alpine metamorphism 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 geo-technologies
 - Map update of Alpenverein map Silvretta continues
 - Diploma thesis Carsten Sanger: 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 Rieseneishohle: 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 Haberling 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 (fill 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

10. Preview: Mt. Hood: May 15–19, 2002

Infos at: <http://www.nps.gov/carto/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./18.11.00: 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