

Commission on Theoretical Cartography

Chair: Alexander Wolodtschenko

Report 2003-2007

Memberships

Commission on Theoretical Cartography has 33 members from 17 countries and four continents.

Terms of Reference

To study selected topics of theoretical interest such as general and applied cartosemiotics, map language and mapping as a cognitive process, and terminology

To compare and contrast theoretical structures in cartography

To conduct workshops or symposia about selected aspects of theoretical cartography

To compile and publish a report and collected papers about the work of the commission

To continue to develop the Commission web homepage

Selected activities of scientific program for 2003 - 2007:

Selected seminars and Meetings

1st Joint seminar "Cartography and Cartosemiotics" in Vilnius, Lithuania, March 21, 2003

Commission meeting in Durban, South Africa, August 2003 (during the 21st ICA Conference)

2nd joint seminar "Education in Cartography: New Tasks " in Vilnius, Lithuania, June 29, 2004

Seminar "The Selected Problems of Theoretical Cartography 2004" in Kyiv, Ukraine, August 2-4, 2004

Commission meeting in A Coruna, Spain, July 2005 (during the 22nd ICA Conference)

3rd joint seminar "Cartography and Cartosemiotics" in Vilnius, Lithuania, October 28-29, 2005

Symposium "Cartographic Thinking, Geo-Information and Modern Society" in Wuhan, China, October 28-29, 2006 (Wuhan 2006)

Workshop "Ecological Cartosemiotics and Ecological Safety" in Kyiv, Ukraine, March 30, 2007 (Kyiv 2007)

Workshop "Cartographic knowledge and Terminology" in Kyiv, Ukraine, March 29, 2007
(Kyiv 2007)

Pre-ICC2007 seminar "Map Language and Geo-Information" in Moscow, Russia, August 4,
2007

Commission meeting in Moscow, Russia, August 2007 (during the 23rd ICA Conference)

4th joint seminar "Cartography and Cartosemiotics" in Vilnius, Lithuania, November 16-17,
2007

Selected monographic works

2003

Berlyant A.M. :

Map. Glossary. M: Nauchny Mir. 2003. – 168 p. (in Russian).

Schlichtmann, H. und A.Wolodtschenko (Hrsg.):

Diskussionsbeiträge zur Kartosemiotik und zur Theorie der Kartographie, Intern.
Korrespondenz-Seminar, Band 6. Dresden 2003, 60p.

Wolodtschenko, A. (Ed.):

The Selected Problems of Theoretical Cartography 2002. /Dresden/, ICA 2003, 81p.

Wolodtschenko,A.(Ed.):

Cartosemiotics and Cartography. Proceedings of a joint seminar of the ICA Commission on
Theoretical Cartography and Cartographic Center of Vilnius University. Vilnius, Lithuania,
March 21, 2003. ICA 2003, (Cd version).

2004

Wolodtschenko, A. und Schewtschenko, W.O.:

Prähistorische Karten der Ukraine. Selbstverlag TU Dresden 2004, 61p.

2005

Andrienko, G., Andrienko, N.:

Exploratory Analysis of Spatial and Temporal Data: A Systematic Approach. Springer-
Verlag, December 2005, ISBN 3-540-25994-5

Brodersen, L.:

Semiotik i geokommunikation - fra virkelighed til handling. Tankegang a-s, Frederikshavn
(publisher) 2005. 272 pp. ISBN 87-984113-4-9

Meng, L., Zipf, A., Reichenbacher, T. (eds.):

Map-based mobile services - Theories, Methods and Implementations. Springer, 2005, XII,
260 p. ISBN: 3-540-23055-6

Wolodtschenko, A.(Ed.):

Cartosemiotics (mini-lexicon). Dresden 2005, 50p., (in Russian).

2006

Gordyeyev, A.:

Kartographia Chernogo i Azovskogo morey: Retrospektiva. Period do 1500 g. (200 p.).
Period 1500-1600 gg.(422 p.). Period 1600-1700 gg. (383 p.). Kiev, 2006. CD-version. (in
Russian).

Wolodtschenko, A.:

Atlasnaia kartosemiotika (Atlascartosemiotics). Dresden 2006. 92p.

Wolodtschenko, A.:

Cartographic Thinking and Cartosemiotics. ICA Commission on Theoretical Cartography.
Dresden 2006, 89p.

Wolodtschenko, A., Cesnulevicius, A. Beconyte, G., Bautrenas, A. (eds.):

Cartosemiotics and Cartography. Proceedings, Joint Seminar of the ICA Commission on Theoretical Cartography and Cartographic Center of Vilnius University. Vilnius, Lithuania, 28-29 October 2005. ICA 2006, (Cd version).

Schlichtmann, H. und A.Wolodtschenko (eds.):

Diskussionsbeiträge zur Kartosemiotik und zur Theorie der Kartographie, Intern. Korrespondenz-Seminar, Band 9. Dresden 2006, 46p.

Visiting

On the September 6, 2004 ICA President Milan Konecny with Commission members T.Kanakubo, T.Morita, G.Gartner and Commission chair A.Wolodtschenko have visited the GD of the Geographic Survey Institute, Prof. Watanabe (Japan).

Commission web site

Since 2000 the COM has its home page:

<http://rcswww.urz.tu-dresden.de/~wolodt/tc-com/>

The rubric "Publication list" 1999-2007 contains ca. 350 selected publications of Commission members.