

Commission on Visualization and Virtual Environments

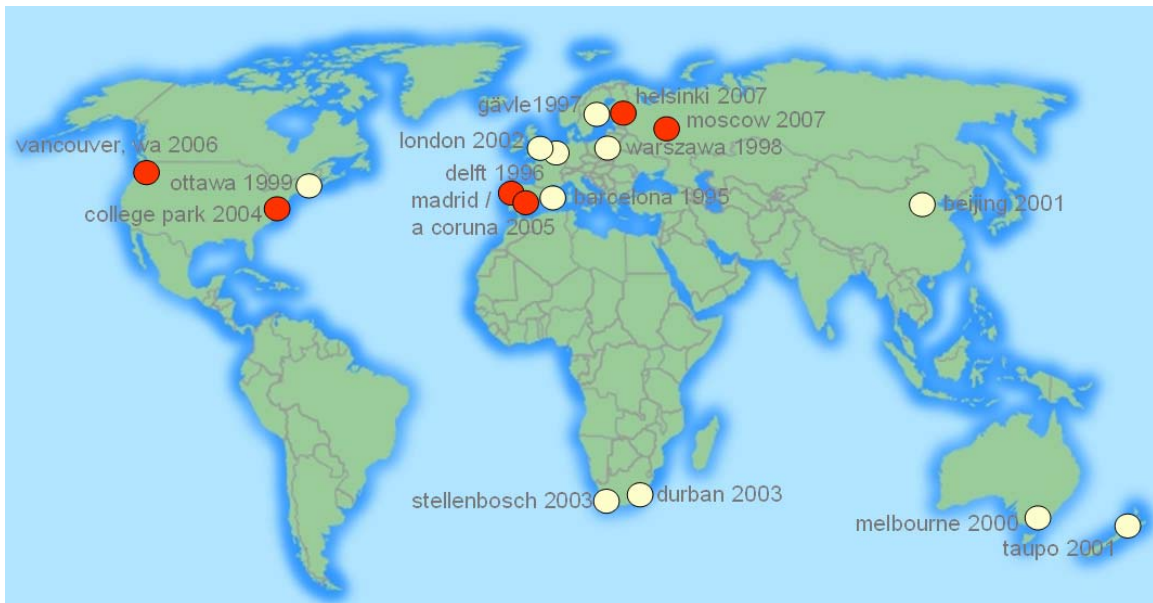
Commission activities 2003-2007

2003-2005 chair: alan m. maceachren / co-chair: menno-jan kraak

2005-2007 chair: menno-jan kraak

Terms of reference

- study the changing and expanding role of maps used as visual thinking/decision-support tools
- Investigate links between cartographic visualization and information visualization, scientific visualization, computer graphics, virtual reality, exploratory data analysis, human-computer interaction, and computer supported cooperative work
- organise workshops and/or seminars
- create a web site
- produce appropriate publications for dissemination of results



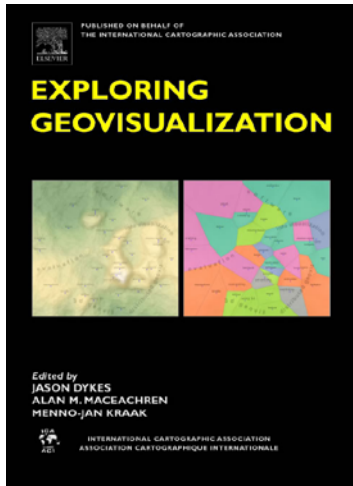
Based on our research agenda for 2003-2007 the terms of reference concentrated on:

- leveraging advances in display and interface technology for cartographic representation to develop the understanding and integrated technologies that make it possible to take advantage of the potential offered by increasingly experiential representation technologies
- developing and extending geovisualization methods and tools to support knowledge construction to develop extensible methods and tools that enable understanding of, and insight to be derived from, the increasingly large and complex geospatial data sets becoming available
- supporting multi-user geovisualization to develop a new generation of geovisualization methods and tools that support group work
- understanding geovisualization users and meeting their needs to develop a human-centered approach to geovisualization

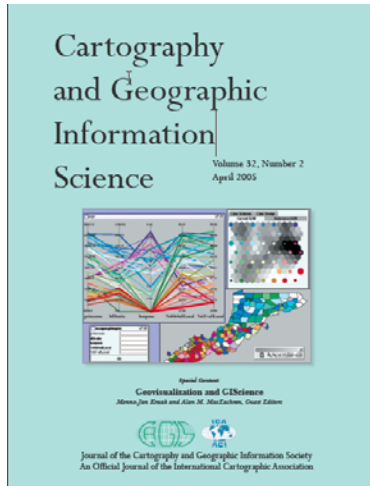
During the period 2003-2007 we have organized four workshops and two business meetings

- 2004 College Park, USA in conjunction with GIScience
- 2005 Madrid, in cooperation with other ICA commissions
- 2005 Business meeting during ICC A Coruna
- 2006 Vancouver, WA., USA, in conjunction with AutoCarto
- 2007 Helsinki, FIN
- 2007 Business meeting during ICC Moscow

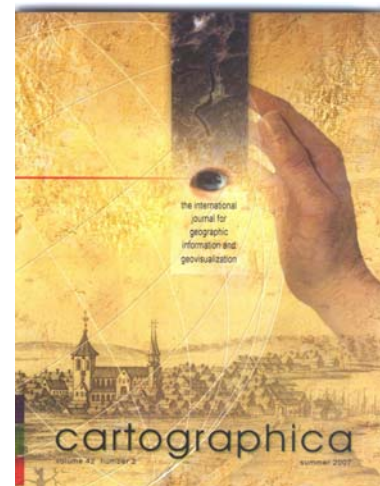
As a result of our meetings we have three publications, a book and two special issues of ICA related cartographic journals.



Based on research agenda and the 2002 meeting (London, UK)



Result of 2004 Meeting (College Park, USA)



Result of 2006 meeting (Vancouver, Wa, USA)