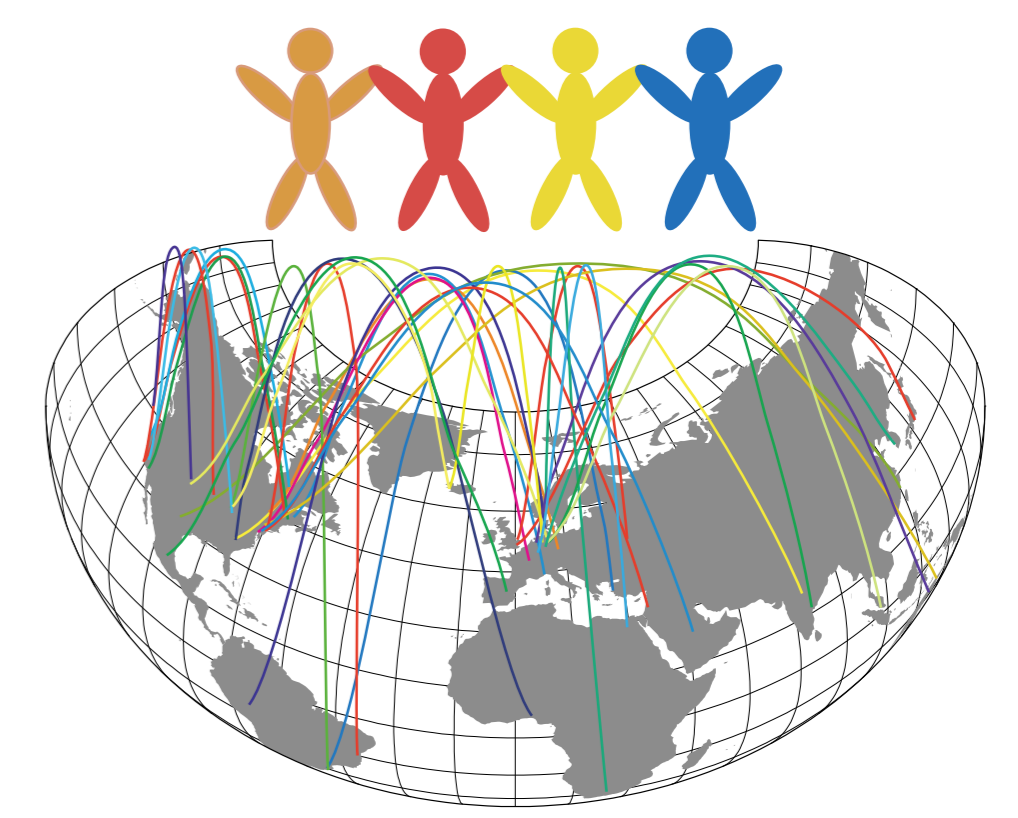# Maps and the Internet Commission
Co-Chairs: Michael Peterson & Georg Gartner

Background

The Maps and the Internet Commission was established at the 1999 ICA General Assembly in Ottawa, Canada. The formation of the commission was a recognition that the Internet was leading to a major change in the way maps are distributed and used. Since 1999, the commission has sponsored annual meetings, co-sponsored sessions at meetings with other commissions and organizations, and presented a number of workshops in different parts of the world. The work of the commission has led to two edited books:

1) Maps and the Internet (2003) Amsterdam, Cambridge: Elsevier Press, 454 p. Re-published 2006 as paperback

1) International Perpectives on Maps and the Internet (2007) Berlin: Springer Verlag.

A third book about Application Programmer Interfaces (APIs) is in preparation.

This report covers the 4-year period between 2007-2011.

Terms of Reference

1) Focus attention on disseminating maps and spatial data through distributed electronic networks. Product: Journal articles and web pages.
2) Examine Internet map usage to better serve user needs. Product: Oral or published report.
3) Examine the use of new Internet mapping technologies for social interaction and empowerment with online maps. Product: Oral or published report.
4) Examine differences in the application of Internet maps between countries. Product: Oral or published report.
5) Examine the potential of Internet map metadata. Product: Oral or published report.
6) Promote the exchange of information about effective Internet mapping for an international audience. Collaboration / coordination with the ICA commission on visualization and virtual environments. Product: Workshop(s) and web pages.
7) Promote instruction on Internet mapping through collaboration / coordination with agencies for research and mapping. Product: Materials to be used in workshops.

Meetings

July 31-Aug. 2, 2007

Warsaw, Poland

Symposium of the ICA Maps and the Internet Commission

Local organizers:
Jacek Paslawski & Jolanta Korycka-Skorupa
<j.skorupa@uw.edu.pl>
Warsaw University, Faculty of Geography and Regional Studies. Chair of Cartography

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September 10 - 11, 2008

Shepherdstown, West Virginia, USA
In conjunction with AutoCarto

Third International Joint Workshop on Ubiquitous, Pervasive and Internet Mapping (UPIMap2008)

Nov. 13-15, 2009

Valparaiso, Chile

Symposium of the ICA Maps and the Internet

November 19, 2010

Orlando, Florida, USA

Online Maps with APIs and Mapservices

In conjunction with AutoCarto

Chapters from *Online Maps with APIs and Mapservices* book

Web Services for Thematic Maps
Otakar Cerba, Jachym Cepicky; Pilsen, Czechia

The Possibilities of Globe Publishing on the Web
Mátyás Gede; Budapest, Hungary

A Technical Survey on Decluttering of Icons in Online Map-based Mashups
Haosheng Huang and Georg Gartner; Vienna, Austria

Web Map Design for a Multipublishing Environment Based on Open APIs
Pyry Kettunen, L. Tiina Sarjakoski, Salu Ylirisku and Tapani Sarjakoski; Masala, Finland

Webservices for animated mapping: The TimeMapper prototype
Barend Köbben, Timothée Becker and Connie Blok; Enschede, The Netherlands

Current trends in vector-based Internet mapping – a technical review
Christophe Lienert, Bernhard Jenny, Olaf Schnabel and Lorenz Hurni; Zurich, Zurich, Switzerland

Towards a Dutch Mapping API
Edward Mac Gillavry, Thijs Brentjens, Haico van der Vegt; Netherlands

Multimedia Mapping on the Internet Using Commercial APIs
Shunfu Hu; Edwardsville, USA

The GIS Behind *i*MapInvasives: the "Open Source Sandwich"
Georgianna Strode; Tallahassee, Florida, USA

Guidelines for Implementing ArcGIS API for Flex Developers
Georgianna Strode; Tallahassee, Florida, USA

Online Information Dissemination at the Wisconsin State Cartographer's Office using Map Services and APIs
Howard Veregin and Timothy Kennedy, Madison, WI USA

WebGIS Systems for Planetary Data Access at the PDS Geosciences Node
J. Wang, D. M. Scholes, and K. J. Bennett; St. Louis Univ.

Web Mapping Services – Development and Trends
Manuela Schmidt and Paul Weiser; Vienna, Austria