

Digital history of cartography

Map history and the history of cartography: theories, trends and methods. Overview of literature on the history of cartography, map sources.
The development models of cartography as independent discipline.
The problem of development: positivism, paradigms, multilinearity, cartographic modes.
Postmodern and critical cartography: power, politics and ideology.
The history of modern cartography from Enlightenment to the 20th century. Cognitive and social changes, the technological background.
Cartography in Hungary from the 18th century to the Compromise (1867).
The thematic mapping of the Carpathian Basin.
Hungarian cartography after WW I: state cartography, commercial cartography.
Old maps as sources of information: acquisition and evaluation of data. Historical GIS.
Digital methods in the preservation of cartographic heritage.
Visualization methods of early map, web interfaces, webGIS solutions.
The actual problems of the research in the history of cartography.

Literature:

- J. B. Harley – D. Woodward: The History of Cartography. Vol. I–III., Univ. of Chicago Press, Chicago, 1987-
- Klinghammer I. – Pápay Gy. – Török Zs.: Kartográfia történet. ELTE Eötvös Kiadó, Budapest, 1995.
- Jeremy Crampton: Mapping. A critical introduction to Cartography and GIS. Univ. Of Chicago Press, Chicago, 2009.
- Anne Burdick: Digital Humanities. MIT Press, Cambridge, 2012.

Suggested literature:

- I. Kretschmer – J. Dörflinger–F. Wawrik: Lexikon zur Geschichte der Kartographie. Deuticke, Wien, 1986.
- Matthew H. Edney: The Origins and Development of J. B. Harley's Cartographic Theories. Cartographica 40, nos. 1 & 2: Monograph 54, 2005.
- Rob Kitchin – Martin Dodge: Rethinking Maps. New Frontiers in Cartographic Theory. Routledge, 2012.
- John Brian Harley: Deconstructing the map. Cartographica, 32.1. 1989.