

Editor

Evangelos Livieratos

DIGITAL APPROACHES TO CARTOGRAPHIC HERITAGE

12th conference
of the international
cartographic association
commission on
cartographic heritage into
the digital

Venice

**26-28.4
2017**

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Into the Digital



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The Proceedings

This volume contains the papers presented in the 12th ICA Conference on *Digital Approaches to Cartographic Heritage*, organized by the International Cartographic Association Commission on Cartographic Heritage into the Digital,¹ in partnership with the University Iuav of Venice, Laboratory of Cartography & GIS and Laboratory of Photogrammetry in association with MAGIC – the Maps & Geoinformation Curators Group in cooperation and with the support of the Aristotle University of Thessaloniki, AUTH CartoGeoLab – Laboratory of Cartography & Geographical Analysis and the Hellenic Cartographic Society.

Following the previous eleven annual Conferences on the *Digital Approaches to Cartographic Heritage* held in Thessaloniki (2006), Athens (2007), Barcelona (2008), Venice (2009), Vienna (2010), The Hague (2011), Barcelona (2012), Rome (2013), Budapest (2014), Corfu (2015), Riga (2016), this 12th Conference continues enriching the literature dedicated to the issue of Cartographic Heritage with special interest in the digital embodiment.

This year's Conference with participation from 21 countries representing 69 institutions (universities, national and university libraries, archives and museums, research institutes, the public and private geospatial sectors, organisations) is organised in eight working sessions dealing with issues related to the ICA Commission and the MAGIC Group terms of reference, namely: digitisation – georeference; cartodiversity content analysis in terms of geometry and thematics; landscape change studies based on map-archival sources; visualisation of cartoheritage, including thematic portals; interconnection of cartographic archival sources, especially map and textual data; historical terrestrial and aerial photography, including photo-related post-cards and relevant material subjects of cartographic parametrisation; cartoheritage web providing issues; interaction of cartoheritage with map and geoinformation curatorship of cartodiversity; development of cartoheritage as a cultural issue, within the context of GLAM, addressed to education and to the general public; geographic affinities with cartoheritage; cartoheritage and Digital Humanities; policy making and strategies for geoinformation / map collection development; metadata models and data-exchange standards for library, archive and museum items; new services and new technologies in geoinformation / map collection; preservation, access and innovation in visualisation and presentation (virtual exhibitions) of cartographic heritage (analogue and digital); integration of other (geo)sources and materials; cooperation with libraries, archives, museums, and partnership with the public and private sectors.

Fifty-three papers are included in this Conference Proceedings; from those, thirty-seven are published in full-text form and sixteen represented with summaries, covering a total of 349 pages. The major characteristic of this collection of papers is, for one more time, the strong *interdisciplinarity* of the issues treated showing the multifaceted content of Cartographic Heritage, especially when embodied into the Digital mainstream. The contributions related to cartography associated GLAM are also numerous proving the relation of cartoheritage with the general domain of Cultural heritage.

The Commission Chair and the Vice-Chairs Carme Montaner and Mátyás Gede acknowledge the cooperation of their hosts, the local organisers and staff of the University Iuav of Venice, Caterina Balletti, Caterina Gottardi and Francesca Rizzi, the Commission supporting group from the Aristotle University of Thessaloniki, Chrysoula Boutoura, Alexandra Koussoulakou, Maria Pazarli, Nopi Ploutoglou, Elpida Daniil and Angeliki Tsorlini from ETH Zurich, the colleagues from the ICA Executive Committee Meno-Jan Kraak ICA President, László Zentai ICA Secretary General, Pilar Sánchez-Ortiz Rodríguez ICA EC liaison to the Commission and Georg Gardner the ICA Past President, for their support and active participation as well as the members of the Scientific Board and all participants who contributed and attended the Conference.

Evangelos Livieratos
Commission Chair and Editor

¹ In cooperation with the Commission Supporting Institutions: ICGC – Cartographic and Geological Institute of Catalonia, Barcelona; IUAV – University Iuav of Venice; NLS – National Library of Scotland, Edinburgh; ELTE – Eötvös Loránd University, Budapest; IONIAN – Ionian University, Corfu; AUTH – Aristotle University of Thessaloniki.

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