Contents

CHAPTER 1 *7*

Zentai L., G. Gercsák Case Study on the Connection of Digital Humanities and Cartography: Hungarian place-names in English language maps *8*

Dunn S. Ancient text, modern place: the spatial footprints of Cypriot placenames *19*

Chías P., T. Abad, C. Camarero Mapping the Spanish royal sites: Digital cartography based on map-archival and written sources (16th-20th centuries) *20*

Goerz G., K. Geus, T. Michalsky, M. Thiering Spatial Cognition in Historical Geographic Texts and Maps: Towards a cognitive-semantic analysis of Flavio Biondo's "Italia Illustrata" 29

Masetti C., A. Gallia A Digital Cartoheritage for Tourism and Territorial Enhancement around Rome. A Case Study 45

Kousoulakou A., T. M. Markomihelaki, Y. Mitzias, C. Tsaireli Cartoheritage, Literary and Map views of the city of Candia (14th - 17th cent.) 56

CHAPTER 2 *62*

Vardakosta I., S. Kapidakis Current use and trends of Geospatial Collection Development Policies (GCDPs) in Map/GIS Libraries *63*

Shawa T. Princeton at the turn of the 20th Century: Building geospatial data to tie the 12th population Census (1900) of the United States to individual addresses *76*

Pavo M., E. Rojo, J. Sánchez, A. Ruiz Sharing the value of our cartographic heritage: Open data policy in the National Geographic Institute of Spain *89*

Mohammed G.S. The David Rumsey Map Center as a model for advancing Cartographic Digital Heritage: Lessons from a Multi-Functional Space *96*

Mouzo Trillo J. The Technical Archive and the Map Library of the Spanish National Geographical Institute (IGN): Documentation, accessibility and applications *97*

Bidney M. Social Media Curation to Engage Cartographic Heritage Collections *106*

Tsorlini A., C. Boutoura, A. Nasta, E. Livieratos Searching for maps embedded in books in digital libraries environment *107*

Fleet C. An open-source web-mapping toolkit for libraries *117*

CHAPTER 3 *133*

Havlicek J., J. Cajthaml, T. Janata, P. Seemann, R. Zimova, J. D. Blaha, P. Tobias, J. Krejci Web and printed Czech Historical Atlas *134*

Roset R., F. Nadal 3D reconstruction of an exceptional map: the lever-nivelé de la place de Barcelona 1823-1827 *141*

Frolov A., I. Konovalova Reconstruction of the Black Sea Map in the Geographical Work of Abū al-Fidā' *142*

Shcheglov D. Georeferencing the Unidentified Places in Ptolemy's Geography: Some Methodological Pitfalls *153*

Gusev D., S. Stafeyev GIS Analysis and Digital Reconstruction of Ptolemy's India beyond the Ganges, Serike and Sinae *164*

Porter C., K. Lilley, C. Lloyd, S. McDermott, R. Milligan Cartographic connections – the digital analysis and curation of sixteenth century maps of Great Britain and Ireland *179*

Boutoura C., A. Tsorlini, E. Livieratos Revisiting the French manuscript maps (1685-1687) of the Cycladic Archipelago *191*

CHAPTER 4 *200*

Sánchez J., Á. Ruiz, S. Navarro, A. I. Martínez Old maps of Madrid and interactive Web applications by National Geographic Institute of Spain *201*

Walt R. Benefits and challenges of a user-focused, academic spatial data infrastructure as exemplified by geodata4edu.ch *214*

Bachiller A., C. Soteres, J. Sánchez, A. Sánchez, P. Abad, G. Cano, G. Andrés, C. Ruiz, E. López Ancient Web Map Services *215*

Sáenz-López Pérez S. Old maps in digital era *227*

CHAPTER 5 *228*

Trachet J. Painting/Mapping the medieval Landscape. A Landscape-archaeological analysis of the medieval landscape around Bruges as depicted by Pieter Pourbus *229*

Anoyatis Pele D., M. Kamonachou, A. Aidonidis, I. Athanasopoulou The registries of the feuds or "anagraphies": source of surveying the rural area of Corfu during the 18th and 19th centuries *237*

Novotná E. 1518: Mikulas Klaudyan´s first map of the Kingdom of Bohemia *238*

Janata T., J. Cajthaml Vltava – transformation of historical landscape along with cultural and socio-economic activities in the river neighbourhood *246*

Lavins I. Sea ice conditions in the Baltic after Carta Marina by Olaus Magnus (1539) *247*

Yu C.D., H. Lu, R. Ranzi, A. Tsorlini, E. Livieratos A new digital comparison of the Chinese World Maps of Giulio Aleni and Matteo Ricci *248*

Oláh K., M. Gede Presentation of changes in the legend of celestial globes using virtual 3D models *257*

CHAPTER 6 *267*

Irás C., Z. Ungvári Wheels of Geography – Interactive Renewal of Antique Educational Instruments *268*

Heitzler M., C. Gkonos, A. Tsorlini, L. Hurni A modular process to improve the georeferencing of the Siegfried map *279*

Gatta G., G. Bitelli Dissemination of cartographic heritage and rediscovery of the past using digital geomatic tools: some experiences in Bologna (Italy) *293*

Panecki T. How to publish an old map? A case study on maps' editing methods *297*

Słomska K. To doubt or not to doubt? That is the question. – basemap in historical cartography *298*

Gede M. Online annotation editor for virtual globes *299*

Janák D. Historical interactive web maps with vector tiles *304*

CHAPTER 7 *305*

Stamnas A., M. Tassopoulou, O. Georgoula, P. Patias Cartographic study of Thessaloniki's "shared sacred sites" *306*

Svenningsen S. R., M. L. Perner Using GIS and historical digitized aerial imagery and maps to analyse information on Cold War Soviet military maps of Denmark *318*

Tassopoulou M., A. Stamnas, O. Georgoula, P. Patias Use of Greek Lighthouse Network to identify deformations in historical maps *328*

Zamora Merchán M. Landscape change and historical maps: ancient paths around the archaeological site of Polvoranca (Leganés, Madrid) *343*

De Soto P. The evolution of the Iberian historical transportation networks through very detailed digitised models *344*

Darányi N., M. Gede, M. Biró Using historical maps in order to detect habitat change on the Great Plain (Hungary), between the 19th and 21th century *345*

List of Authors *346*