

Contents

Part I The Changing Face of Cartography

Visualising a Temporal Cartography of Travel	3
Mick Abbott	
An Investigation of Maps and Cartographic Artefacts of the Gallipoli Campaign 1915: Military, Commercial and Personal	19
William Cartwright	
True-3D in Cartography—Current Hard- and Softcopy Developments	41
Manfred F. Buchroithner and Claudia Knust	

Part II Space, Time and Cognition

Cartographic and Cognitive Perspectives on Ambulance Dispatch Displays	69
Antoni Moore, Jared Hayes and B. L. William Wong	
Space, Time, Activity and Human Error: Using Space–Time Constraints to Interrogate the Degree of Uncertainty in Survey-Based Movement Datasets	89
Qian Sun, Pip Forer, Jinfeng Zhao and David Simmons	
Simplifying Climate Change Communication: An Application of Data Visualisation at the Regional and Local Scale	119
Jean-Philippe Aurambout, Falak Sheth, Ian Bishop and Christopher Pettit	

Part III Geovisualization with Web 2.0 and Mobile Technologies

Developing a Geo-Collaborative Web Map to Support Student Fieldwork	139
James O'Brien and Kenneth Field	

A Virtual Spatiotemporal Annotation System: The Virtual Stickies Mobile Augmented Reality Study	159
Mariusz Nowostawski and Julian Münster	

Part IV Geovisual Analytics

Applying Geovisual Analytics to Volunteered Crime Data	185
Antoni Moore, Marcos de Oliveira, Carlos Caminha, Vasco Furtado, Victor Basso and Leonardo Ayres	

Towards Acquisition of Semantics of Places and Events by Multi-perspective Analysis of Geotagged Photo Collections	211
Slava Kisilevich, Daniel Keim, Natalia Andrienko and Gennady Andrienko	

The Space–Time Aquarium is Full of Albatrosses: Time Geography, Lifestyle and Trans-species Geovisual Analytics . . .	235
Jinfeng Zhao, Pip Forer, Mike Walker and Todd Dennis	

About the Authors	261
------------------------------------	-----

Index	269
------------------------	-----