



Reflexive Cartography: A New Perspective in Mapping: Volume 6 (Modern Cartography Series)

By Emanuela Casti

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Reflexive Cartography: A New Perspective in Mapping: Volume 6 (Modern Cartography Series) By Emanuela Casti

Reflexive Cartography addresses the adaptation of cartography, including its digital forms (GIS, WebGIS, PPGIS), to the changing needs of society, and outlines the experimental context aimed at mapping a topological space. Using rigorous scientific analysis based on statement consistency, relevance of the proposals, and model accessibility, it charts the transition from topographical maps created by state agencies to open mapping produced by citizens.

Adopting semiotic theory to uncover the complex communicative mechanisms of maps and to investigate their ability to produce their own messages and new perspectives, *Reflexive Cartography* outlines a shift in our way of conceptualizing maps: from a plastic metaphor of reality, as they are generally considered, to solid tools that play the role of agents, assisting citizens as they think and plan their own living place and make sense of the current world.

- Applies a range of technologies to theoretical perspectives on mapping to innovatively map the world's geographic diversity
- Features a multi-disciplinary perspective that weaves together geography, the geosciences, and the social sciences through territorial representation
- Authored and edited by two of the world's foremost cartographic experts who combine more than 60 years of experience in research and in the classroom
- Presents more than 60 figures to underscore key concepts

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Editorial Review

Review

"...the central tenet of the book is interesting and raises questions about how, as scientists, we present information to both the research community and the general public more widely." --**The Holocene, Reflexive Cartography**

"...a research book seeking to advance the science. Extensive footnotes with comments and a glossary to better define these new concepts are included." --**The Leading Edge, Reflexive Cartography**

"... this is an academic book written for other researchers working on the same problem." --**The Leading Edge, Reflexive Cartography**

About the Author

Emanuela Casti, PhD is Professor and Chair of Geography at the University of Bergamo in Italy as well as Chief of its Diathesis Cartographic Lab, an experimental structure integrated within international networks. Prof. Casti has been studying the semiotics of maps for nearly 30 years, culminating in the formalization of a structured semiotic theory which has been successfully applied both to real case-histories, in Europe and in Africa, and in the context of the history of cartography. Within the Diathesis Cartographic Lab, she has developed a research methodology (SIGAP Strategy) centered on the symbiosis territory/cartography. She has authored and edited several books and more than 50 journal articles on cartography and related topics. She is a member of the Board of Directors of the Italian Geographic Society (SGI). She is also member of several national associations, such as the Association of Italian Geographers (AGeI), the Italian Association of Cartography (AIC), as well as international ones, namely the International Geographic Union (UGI) and the International Cartographic Association (ICA).

Dr D. R. Fraser Taylor is Chancellor's Distinguished Research Professor and Director of the Geomatics and Cartographic Research Centre at Carleton University, Ottawa, Canada. He has been recognized as one of the world's leading cartographers and a pioneer in the introduction of the use of the computer in cartography. He has served as the president of the International Cartographic Association from 1987 to 1995. Also, in 2008, he was elected a fellow of the Royal Society of Canada in recognition of his achievements. He was awarded the Carl Mannerfelt Gold Medal in August 2013. This highest award of the International Cartographic Association honours cartographers of outstanding merit who have made significant contributions of an original nature to the field of cartography.

He produced two of the world's first computer atlases in 1970. His many publications continue to have a major impact on the field. In 1997, he introduced the innovative new paradigm of cybercartography. He and his team are creating a whole new genre of online multimedia and multisensory atlases including several in cooperation with indigenous communities. He has also published several influential contributions to development studies and many of his publications deal with the relationship between cartography and development in both a national and an international context.

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Cynthia Harvell:

This Reflexive Cartography: A New Perspective in Mapping: Volume 6 (Modern Cartography Series) is completely new way for you who has curiosity to look for some information because it relief your hunger associated with. Getting deeper you into it getting knowledge more you know or else you who still having small amount of digest in reading this Reflexive Cartography: A New Perspective in Mapping: Volume 6 (Modern Cartography Series) can be the light food in your case because the information inside this book is easy to get through anyone. These books acquire itself in the form which can be reachable by anyone, yes I mean in the e-book application form. People who think that in reserve form make them feel sleepy even dizzy this publication is the answer. So there is no in reading a book especially this one. You can find what you are looking for. It should be here for you actually. So , don't miss the item! Just read this e-book variety for your better life and knowledge.

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