

Rhumb Lines and Map Wars

A Social History of the Mercator Projection



MARK MONMONIER

Rhumb Lines And Map Wars A Social History Of The Mercator Projection

Alexander J. Kent, Peter Vujakovic



Rhumb Lines And Map Wars A Social History Of The Mercator Projection:

Rhumb Lines and Map Wars Mark Monmonier, 2010-11-15 In *Rhumb Lines and Map Wars* Mark Monmonier offers an insightful richly illustrated account of the controversies surrounding Flemish cartographer Gerard Mercator's legacy. He takes us back to 1569 when Mercator announced a clever method of portraying the earth on a flat surface creating the first projection to take into account the earth's roundness. As Monmonier shows, mariners benefited most from Mercator's projection which allowed for easy navigation of the high seas with rhumb lines: clear cut routes with a constant compass bearing for true direction. But the projection's popularity among nineteenth century sailors led to its overuse often in inappropriate non navigational ways for wall maps, world atlases and geopolitical propaganda. Because it distorts the proportionate size of countries, the Mercator map was criticized for inflating Europe and North America in a promotion of colonialism. In 1974 German historian Arno Peters proffered his own map on which countries were ostensibly drawn in true proportion to one another. In the ensuing map wars of the 1970s and 1980s these dueling projections vied for public support with varying degrees of success. Widely acclaimed for his accessible intelligent books on maps and mapping, Monmonier here examines the uses and limitations of one of cartography's most significant innovations. With informed skepticism he offers insightful interpretations of why well intentioned clerics and development advocates rallied around the Peters projection which flagrantly distorted the shape of Third World nations, why journalists covering the controversy ignored alternative world maps and other key issues, and how a few postmodern writers defended the Peters worldview with a self-serving overstatement of the power of maps. *Rhumb Lines and Map Wars* is vintage Monmonier: historically rich, beautifully written and fully engaged with the issues of our time.

A History of the World in 12 Maps Jerry Brotton, 2014-10-28 A New York Times Bestseller. Maps allow the armchair traveler to roam the world, the diplomat to argue his points, the ruler to administer his country, the warrior to plan his campaigns and the propagandist to boost his cause. Rich and beautiful. *Wall Street Journal*. Throughout history, maps have been fundamental in shaping our view of the world and our place in it. But far from being purely scientific objects, maps of the world are unavoidably ideological and subjective, intimately bound up with the systems of power and authority of particular times and places. Mapmakers do not simply represent the world; they construct it out of the ideas of their age. In this scintillating book, Jerry Brotton examines the significance of 12 maps from the almost mystical representations of ancient history to the satellite-derived imagery of today. He vividly recreates the environments and circumstances in which each of the maps was made, showing how each conveys a highly individual view of the world. Brotton shows how each of his maps both influenced and reflected contemporary events and how, by considering it in all its nuances and omissions, we can better understand the world that produced it. Although the way we map our surroundings is more precise than ever before, Brotton argues that maps today are no more definitive or objective than they have ever been. Readers of this beautifully illustrated and masterfully argued book will never look at a map in quite the same way again. A

fascinating and panoramic new history of the cartographer's art *The Guardian* The intellectual background to these images is conveyed with beguiling erudition There is nothing more subversive than a map *The Spectator* A mesmerizing and beautifully illustrated book *The Telegraph* **Adventurers** David Howarth, 2023-03-28 The unlikely beginnings of the East India Company from Tudor origins and rivalry with the superior Dutch to laying the groundwork for future British expansion The East India Company was the largest commercial enterprise in British history yet its roots in Tudor England are often overlooked The Tudor revolution in commerce led ambitious merchants to search for new forms of investment not least in risky overseas enterprises and for these adventurers the most profitable bet of all would be on the Company Through a host of stories and fascinating details David Howarth brings to life the Company's way of doing business from the leaky ships and petty seafarers of its embattled early days to later sweeping commercial success While the Company's efforts met with disappointment in Japan they sowed the seeds of success in India setting the outline for what would later become the Raj Drawing on an abundance of sources Howarth shows how competition from European powers was vital to success and considers whether the Company was truly English at all or rather part of a Europe-wide movement *Mapmatics* Paulina Rowińska, 2024-09-17 Mathematician Paulina Rowińska leads us across the globe to discover the myriad connections between math and maps and how they've shaped not just our sense of space but our worldview *Geopolitics* Bert Chapman, 2011-04-07 This concise introduction to the growth and evolution of geopolitics as a discipline includes biographical information on its leading historical and contemporary practitioners and detailed analysis of its literature An important book on a topic that has been neglected for too long *Geopolitics A Guide to the Issues* will provide readers with an enhanced understanding of how geography influences personal national and international economics politics and security The work begins with the history of geopolitics from the late 19th century to the present then discusses the intellectual renaissance the discipline is experiencing today due to the prevalence of international security threats involving territorial airborne space-based and waterborne possession and acquisition The book emphasizes current and emerging international geopolitical trends examining how the U.S. and other countries including Australia Brazil China India and Russia are integrating geopolitics into national security planning It profiles international geopolitical scholars and their work and it analyzes emerging academic military and governmental literature including gray literature and social networking technologies such as blogs and Twitter *Thomas Harriot and His World* Robert Fox, 2016-12-05 This second volume of papers on Thomas Harriot edited by Professor Robert Fox is based on the annual Harriot lectures delivered at Oriel College Oxford between 2000 and 2009 It complements the previous volume published as *Thomas Harriot An Elizabethan Man of Science* in 2000 The focus in several of the papers is on Harriot's outstanding achievements as a mathematician others consider why he has never received the recognition accorded to his great contemporary Galileo others again examine his association with his entrepreneurial patron Walter Raleigh and his contributions to the intensely practical world of

exploration and seamanship as exemplified in his voyage to the coast of present day North Carolina in 1585 The volume adds significantly to our understanding of a true Renaissance man who wrote accomplished Latin earned the respect of Europe's leading mathematicians and astronomers and moved easily in circles close to the English court and whose Brief and true report of the new found land of Virginia 1588 was the first detailed description of America to be published in the English language

Time-Space Compression Barney Warf, 2008-03-03 This volume explores the multiple ways in which people experience time space compression in varying historical and geographical circumstances Including economic cultural social political and psychological dimensions of time space compression

Global Byzantium Leslie Brubaker, Rebecca Darley, Daniel Reynolds, 2022-07-29 Global Byzantium is in part a recasting and expansion of the old Byzantium and its neighbours theme with however a methodological twist away from the resolutely political and toward the cultural and economic A second thing that Global Byzantium as a concept explicitly endorses is comparative methodology Global Byzantium needs also to address three further issues cultural capital the importance of the local and the empire's strategic geographical location Cultural capital in past decades it was fashionable to define Byzantium as culturally superior to western Christian Europe and Byzantine influence was a key concept especially in art historical circles This concept has been increasingly criticised and what we now see emerging is a comparative methodology that relies on the concept of competitive sharing not blind copying but rather competitive appropriation The importance of the local is equally critical We need to talk more about what the Byzantines saw when they looked out and what others saw in Byzantium when they looked in and to think about how that impacted on our very post modern concepts of globalism Finally we need to think about the empire's strategic geographical position between the fourth and the thirteenth centuries if anyone was travelling internationally they had to travel across or along the coasts of the Byzantine Empire Byzantium was thus a crucial intermediary for good or for ill between Europe Africa and Asia effectively the glue that held the Christian world together and it was also a critical transit point between the various Islamic polities and the Christian world

The Routledge Handbook of Mapping and Cartography Alexander J. Kent, Peter Vujakovic, 2017-10-04 This new Handbook unites cartographic theory and praxis with the principles of cartographic design and their application It offers a critical appraisal of the current state of the art science and technology of map making in a convenient and well illustrated guide that will appeal to an international and multi disciplinary audience No single volume work in the field is comparable in terms of its accessibility currency and scope The Routledge Handbook of Mapping and Cartography draws on the wealth of new scholarship and practice in this emerging field from the latest conceptual developments in mapping and advances in map making technology to reflections on the role of maps in society It brings together 43 engaging chapters on a diverse range of topics including the history of cartography map use and user issues cartographic design remote sensing volunteered geographic information VGI and map art The title's expert contributions are drawn from an international base of influential academics and leading practitioners with a view to

informing theoretical development and best practice This new volume will provide the reader with an exceptionally wide ranging introduction to mapping and cartography and aim to inspire further engagement within this dynamic and exciting field The Routledge Handbook of Mapping and Cartography offers a unique reference point that will be of great interest and practical use to all map makers and students of geographic information science geography cultural studies and a range of related disciplines

Further Developments in the Theory and Practice of Cybercartography D.R. Fraser Taylor,Erik Anonby,Kumiko Murasugi,2019-09-13 Further Developments in the Theory and Practice of Cybercartography Third Edition Volume Nine presents a substantively updated edition of a classic text on cybercartography presenting new and returning readers alike with the latest advances in the field The book examines the major elements of cybercartography and embraces an interactive dynamic multisensory format with the use of multimedia and multimodal interfaces Material covering the major elements key ideas and definitions of cybercartography is newly supplemented by several chapters on two emerging areas of study including international dimensions and language mapping This new edition delves deep into Mexico Brazil Denmark Iran and Kyrgyzstan demonstrating how insights emerge when cybercartography is applied in different cultural contexts Meanwhile other chapters contain case studies by a talented group of linguists who are breaking new ground by applying cybercartography to language mapping a breakthrough that will provide new ways of understanding the distribution and movement of language and culture Highlights the relationship between cybercartography and critical geography Incorporates the latest developments in the field of cybercartography including International Dimensions and Language Mapping Showcases the legal ethical and policy implications of mapping local and traditional knowledge

Artistic and Cultural Exchanges between Europe and Asia, 1400-1900 Michael North,2016-12-05 The European expansion to Asia was driven by the desire for spices and Asian luxury products Its results however exceeded the mere exchange of commodities and precious metals The meeting of Asia and Europe signaled not only the beginnings of a global market but also a change in taste and lifestyle that influences our lives even today Manifold kinds of cultural transfers evolved within a market framework that was not just confined to intercontinental and intra Asiatic trade In Europe and Asia markets for specific cultural products emerged and the transfers of objects affected domestic arts and craft production Traditionally relations between Europe and Asia have been studied in a hegemonic perspective with Europe as the dominant political and economic centre Even with respect to cultural exchange the model of diffusion regarded Europe as the centre and Asia the recipient whereby Asian objects in Europe became exotica in the Kunst und Wunderkammern Conceptions of Europe and Asia as two monolithic regions emerged in this context However with the current process of globalization these constructions and the underlying models of cultural exchange have come under scrutiny For this reason the book focuses on cultural exchange between different European and Asian civilizations whereby the reciprocal complexities of cultural transfers are at the centre of observation By investigating art markets workshops and collections in Europe and Asia the contributors

exemplify the varieties of cultural exchange The book examines the changing roles of Asian objects in European material culture and collections and puts a special emphasis on the reception of European visual arts in colonial settlements in Asia as well as in different Asian societies

Nature Engaged M. Biagioli, J. Riskin, 2012-12-10 This volume gathers essays that focus on the worldliness of science its inseparable engagement in the major institutional bases of social life law market church school and nation With a chronological span reaching from the Renaissance to Big Science its topics range from sundials to genetic sequences from calculating instruments to devices that simulate human behavior from early cartography to techniques for tracing radioactive fallout on a global scale The book aims to show readers with episodes drawn from the span of their modern history the sciences in action throughout human society

Rivista J-Reading n. 2-2014 Gino De Vecchis, 2015-01-20 Gino De Vecchis The fight for geography in the Italian schools 2010 2014 an updating Cristiano Pesaresi Mara Lombardi GIS4RISKS project Synergic use of GIS applications for analysing volcanic and seismic risks in the pre and post event Roberto Scandone Lisetta Giacomelli Vesuvius Pompei Herculaneum a lesson in natural history Matteo Puttilli Towards a multimedia approach in geographical research and education Reflections from the web research Al centro di Tunisi Au centre de Tunis Simone Betti Alessandro Ceccarelli Is family farming educational The Australian experience THE LANGUAGE OF IMAGES Edited by Elisa Bignante and Marco Maggioli Rickie Sanders Bogdan Jankowski Exploring Urban Geography in Italo Calvino's Invisible Cities MAPPING SOCIETIES Edited by Edoardo Boria Russell Foster Now we need to make Italians Semiotics and Semantics in Teaching Cartography GEOGRAPHICAL NOTES AND PRACTICAL CONSIDERATIONS Maria Paradiso Between Krakow 2014 and Moscow 2015 TEACHINGS FROM THE PAST Halford Mackinder Geography as a Pivotal Subject in Education with comments by Davide Papotti Re reading Geography as a Pivotal Subject in Education by H Mackinder

Geographic Information Systems and Science Paul Longley, 2005-03-22 Features a five part structure covering Foundations Principles Techniques Analysis and Management and Policy This book includes chapters on Distributed GIS Map Production Geovisualization Modeling and Managing GIS It offers coverage of such topics as GIS and the New World Order security health and well being and the greening of GIS

Software Patterns, Knowledge Maps, and Domain Analysis Mohamed E. Fayad, Huascar A. Sanchez, Srikanth G.K. Hegde, Anshu Basia, Ashka Vakil, 2014-12-04 Software design patterns are known to play a vital role in enhancing the quality of software systems while reducing development time and cost However the use of these design patterns has also been known to introduce problems that can significantly reduce the stability robustness and reusability of software This book introduces a new process for

Mapping European Empire Russell Foster, 2015-06-26 Empire and maps are mutually reliant phenomena and traceable to the dawn of civilisation Furthermore maps retain a supremely authoritative status as unquestioned reflections of reality In today's image saturated world their influence is more powerful now than at any other time in history This book argues that in the 21st century we are seeing an imperial renaissance in the European Union EU a political organisation which defies

categorisation but whose power and influence grows by the year. It examines the past, present and future of the EU to demonstrate that empire is not a category of state but rather a collective imagination which reshapes history and appropriates an artificial past to validate the policies of the present and the ambitions of the future. In doing so, this book illuminates the imperial discourse that permeates the mass maps of the modern EU. This text will be of key interest to students and scholars of political science, EU Studies, Human Geography, European political history, cartography and visual methodologies and international relations.

The Handbook of Linguistic Landscapes and Multilingualism Durk Gorter, Jasone Cenoz, 2025-03-12. The Handbook of Linguistic Landscapes and Multilingualism provides an in-depth exploration of linguistic landscapes as a tool to understand multilingualism across diverse global contexts. Edited by leading scholars Durk Gorter and Jasone Cenoz, this authoritative volume brings together pioneering research on the evolving interactions between language, place, space and society. Addressing both theory and practice, this handbook serves as a unique lens into how linguistic landscapes reflect broader social, political and educational dynamics. In-depth chapters address topics ranging from translanguaging and minority language ideologies to the application of linguistic landscapes in multilingual cities and classrooms. Organised into three parts, the book first establishes the theoretical and methodological foundations of linguistic landscape studies, followed by detailed case studies of the relationship between linguistic landscapes and multilingualism in diverse social and geographic contexts. The concluding section focusses on the educational implications of linguistic landscapes, examining how schools and public spaces can be utilised for language learning and teaching. Equipping readers to critically engage with multilingual practices in urban spaces, educational settings and beyond. The Handbook of Linguistic Landscapes and Multilingualism introduces cutting-edge methodologies, socio-political contexts and language learning through linguistic landscapes. Covers emerging topics such as transgressive practices, landscapes of affect and linguistic landscapes of protest and conflict. Describes key theoretical concepts and identifies the interdisciplinary connections between ethnography, sociolinguistics and discourse studies. Explores innovative pedagogical approaches and translanguaging practices with an emphasis on empowering learners in multilingual environments. Designed to fit seamlessly into curricula focused on multilingualism and language policy across a range of academic disciplines. The Handbook of Linguistic Landscapes and Multilingualism is ideal for graduate students, postgraduate researchers and scholars in applied linguistics, sociolinguistics, education sciences, language studies and social geography.

Empires of Knowledge Paula Findlen, 2018-10-26. Empires of Knowledge charts the emergence of different kinds of scientific networks, local and long distance, informal and institutional, religious and secular, as one of the important phenomena of the early modern world. It seeks to answer questions about what role these networks played in making knowledge, how information traveled, how it was transformed by travel and who the brokers of this world were. Bringing together an international group of historians of science and medicine, this book looks at the changing relationship between knowledge and community in the early modern

period through case studies connecting Europe Asia the Ottoman Empire and the Americas It explores a landscape of understanding and misunderstanding nature through examinations of well known intelligencers such as overseas missions trading companies and empires while incorporating more recent scholarship on the many less prominent go betweens such as translators and local experts which made these networks of knowledge vibrant and truly global institutions Empires of Knowledge is the perfect introduction to the global history of early modern science and medicine The Dictionary of Human Geography Derek Gregory,Ron Johnston,Geraldine Pratt,Michael Watts,Sarah Whatmore,2011-09-23 THE DICTIONARY OF HUMAN GEOGRAPHY Even better than before the Dictionary is an essential tool for all human geographers and over the years has provided an invaluable guide to the changing boundaries and content of the discipline No one can afford to be without this fifth edition Linda McDowell University of Oxford From explanations of core concepts and central debates to lucid discussions of the theories driving contemporary research this is the best conceptual map to the creative and critical thinking that characterises contemporary human geography The fifth edition belongs on the bookshelf of all serious students Gerard Toal Virginia Tech With an exceptional balance between breadth and depth this is undoubtedly a timely and ground breaking revision of the Dictionary An outstanding accomplishment of the editors and contributors and a comprehensive and essential reference for any student or scholar interested in human geography Mei Po Kwan Ohio State University I can t imagine life without it Definitive detailed yet accessible there s still no single volume reference work in the field to rival it Noel Castree University of Manchester The Dictionary of Human Geography represents the definitive guide to issues and ideas methods and theories in human geography Now in its fifth edition this ground breaking text has been comprehensively revised to reflect the changing nature and practice of human geography and its rapidly developing connections with other fields The major entries not only describe the development of concepts contributions and debates in human geography but also advance them Shorter definitional entries allow quick reference and coverage of the wider subject area Changes to the fifth edition include entries from many new contributors at the forefront of developments in the field and over 300 key terms appearing for the first time It features a new consolidated bibliography along with a detailed index and systematic cross referencing of headwords The Dictionary of Human Geography continues to be the one guidebook no student instructor or researcher in the field can afford to be without A Concise Companion to Postcolonial Literature Shirley Chew,David Richards,2013-12-13 Taking an innovative and multi disciplinary approach to literature from 1947 to the present day this concise companion is an indispensable guide for anyone seeking an authoritative understanding of the intellectual contexts of postcolonial literature and culture An indispensable guide for anyone seeking an authoritative understanding of the intellectual contexts of Postcolonialism bringing together 10 original essays from leading international scholars including C L Innes and Susan Bassnett Explains the ideas and practises that emerged from the dismantling of European empires Explores the ways in which these ideas and practices influenced the period s keynote concerns such as

race culture and identity literary and cultural translations and the politics of resistance Chapters cover the fields of identity studies orality and literacy nationalisms feminism anthropology and cultural criticism the politics of rewriting new geographies publishing and marketing translation studies Features a useful Chronology of the period thorough general bibliography and guides to further reading

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