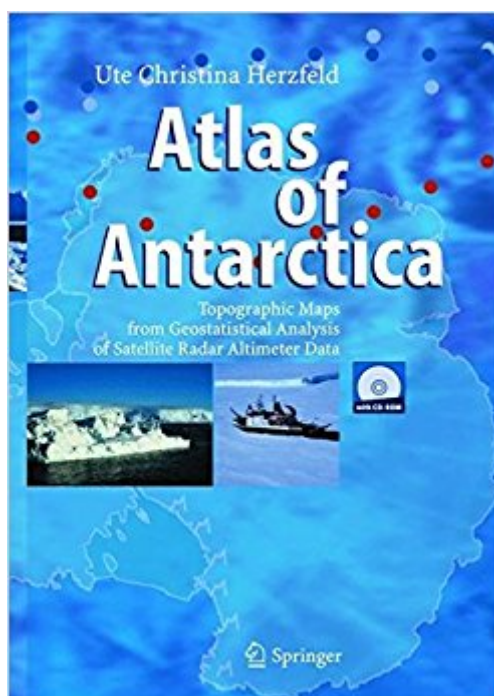


The book was found

# Atlas Of Antarctica: Topographic Maps From Geostatistical Analysis Of Satellite Radar Altimeter Data



## Synopsis

The atlas consists of 136 topographic maps derived from satellite radar altimetry (Geosat and ERS-1 data). Each map is presented together with a description of glaciologic and topographic features. The main section is preceded by an introduction and three up-to-date topics and followed by applications. Applications are in monitoring changes in Antarctic glaciers, ice streams and ice shelves, and in detailed regional studies of outlet glaciers of the inland ice. The reader will also find index maps, an exhaustive list of references on related subjects in glaciology, geodesy, geomathematics, remote sensing, and an index of the Antarctic place names.

## Book Information

Paperback: 365 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 2004 edition (April 19, 2013)

Language: English

ISBN-10: 3642624189

ISBN-13: 978-3642624186

Product Dimensions: 7.6 x 0.9 x 10.6 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,826,899 in Books (See Top 100 in Books) #80 in Books > Science & Math > Earth Sciences > Geology > Structural #158 in Books > Science & Math > Earth Sciences > Geology > Geomorphology #1230 in Books > Science & Math > Earth Sciences > Geophysics

## Customer Reviews

From the reviews: "The Atlas of Antarctica uses radar altimeter data from SEASAT, GEOSAT, ERS-1 and ERS-2 to produce topographic maps. Being very widely read, the author is able to reference many aspects. Her list of references (not to be confused with a bibliography) includes 245 items-a fair measure of the thoroughness and detail of her research. I can thoroughly recommend this atlas as an authoritative source for contouring small and medium-scale maps of the Antarctic ice sheet." (Charles Swithinbank, *Geomatics World*, Vol. 13 (4), May/June, 2005) "It presents and analyses the topography of much of a continent based on satellite radar altimetry. Furthermore, the book is exceedingly well written and illustrated. It is now appropriate to consider the book as a whole and assess its aspects that may be of general interest. It is a landmark volume that mathematical geologists should peruse as well as glaciologists and those interested in the topography of Antarctica." (John W. Harbaugh, *Computers & Geosciences*, Vol. 31, 2005)

"Herzfeld's book presents a new series of maps of Antarctica derived from satellite radar altimeter data showing topography of the ice/snow surface. This is therefore a valuable contribution to Antarctic studies. | This book is an important contribution and groups working in glaciology and remote sensing of polar regions | ." (Philip T. Leat, Geological Magazine, Vol. 142 (3), 2005) "The Atlas of Antarctica is the first atlas on the seventh continent to be published in 20 years. It contains 145 accurate topographic and elevation maps | which are the best of their kind available today. | is not only intended for use by researchers and students in glaciology, geophysics, remote sensing, cartography, and Antarctic research, but is also informative and enjoyable for any reader interested in the seventh continent. This book is accompanied by a CD-ROM containing all the atlas maps and elevation models." (Lunar and Planetary Information Bulletin, 2005)

[Download to continue reading...](#)

Atlas of Antarctica: Topographic Maps from Geostatistical Analysis of Satellite Radar Altimeter Data  
 Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data Book 1) Data Analytics: Applicable Data Analysis to Advance Any Business Using the Power of Data Driven Analytics (Big Data Analytics, Data Science, Business Intelligence Book 6) Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Big Data For Business: Your Comprehensive Guide to Understand Data Science, Data Analytics and Data Mining to Boost More Growth and Improve Business - Data Analytics Book, Series 2 Technical History of the Beginnings of Radar (Radar, Sonar, Navigation and Avionics) (History and Management of Technology) Introduction to Airborne Radar (Aerospace & Radar Systems (Software)) Weibull Radar Clutter (Radar, Sonar, Navigation and Avionics Series, 3) Radar Development to 1945 (See Radar, Sonar, Navigation and Avionics Series 2) Radar Techniques Using Array Antennas (FEE radar, sonar, navigation & avionics series) Antarctica Satellite [Tubed] (National Geographic Reference Map) Data Analytics For Beginners: Your Ultimate Guide To Learn and Master Data Analysis. Get Your Business Intelligence Right | "Accelerate Growth and Close More Sales (Data Analytics Book Series) Turkey Fethiye-Antalya Topographic Map Atlas with Index 1:50000 (1 cm=500 m) Lycian Way (Likya Yolu) Complete Hiking Trail in Large Scale Detail ... Coast of Turkey (Turkey Hiking Topo Maps) Antarctica: Journey to the Pole (Antarctica (Scholastic)) Wilderness Navigation: Finding Your Way Using Map, Compass, Altimeter & GPS (Mountaineers Outdoor Basics) US Army, Technical Manual, TM 5-6675-203-15,

ALTIMETER, SURVEYING: 4,500 METERS; 2 METER DIVISIONS, (WALL AND TIERNAN TYPE FA-199), (NSN 6675-00-641-3569) Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)