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Titolo	Geomorphometry [[electronic resource]] : concepts, software, applications / / edited by Tomislav Hengl, Hannes I. Reuter
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier, 2009
ISBN	1-283-60816-2 9786613920614 0-08-092188-4
Descrizione fisica	1 online resource (796 p.)
Collana	Developments in soil science ; ; 33
Classificazione	RB 10104 RB 10208 RB 10241
Altri autori (Persone)	HenglTomislav ReuterHannes I
Disciplina	551.41
Soggetti	Geomorphology Geomorphology - Methodology Soil science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover; Geomorphometry: Concepts, Software, Applications; Copyright page; Contents; Authors; Co-authors; Foreword; Part I: Concepts; Chapter 1. Geomorphometry: A Brief Guide; 1. What is geomorphometry?; 2. The basic principles of geomorphometry; 3. The history of geomorphometry; 4. Geomorphometry today; 5. The ``Baranja Hill'' case study; 6. Summary points; Important sources; Chapter 2. Mathematical and Digital Models of the Land Surface; 1. Conceptual models of the land surface; 2. Digital models of the land surface; 3. The sampling, generation and analysis of land surfaces 4. Summary pointsImportant sources; Chapter 3. DEM Production Methods and Sources; 1. Ground survey techniques; 2. Remote sensing sources; 3. Frequently-used remote-sensing based DEM products; 4. Summary points; Important sources; Chapter 4. Preparation of DEMs for Geomorphometric Analysis; 1. Introduction; 2. Reducing errors in DEMs; 3. Reduction of errors in parameters and objects; 4. Summary; Important sources; Chapter 5. Geostatistical Simulation and Error

Propagation in Geomorphometry; 1. Uncertainty in DEMs; 2. Geostatistical modelling of DEM errors
3. Methods for error propagation analysis4. Error propagation: Baranja Hill; 5. Summary points; Important sources; Chapter 6. Basic Land-Surface Parameters; 1. Introduction; 2. Local land-surface parameters; 3. Regional land-surface parameters; 4. Summary points; Important sources; Chapter 7. Land-Surface Parameters and Objects in Hydrology; 1. Hydrological modelling; 2. Flow direction and aspect; 3. Flow algorithms; 4. Contributing area/flow accumulation; 5. Land-surface parameters based on catchment area; 6. Land-surface objects based on flow-variables; 7. Deposition function
8. Flow modelling using TIN-based elevation models9. Summary points; Important sources; Chapter 8. Land-Surface Parameters Specific to Topo-Climatology; 1. Land surface and climate; 2. Climate regionalisation approaches; 3. Topographic radiation; 4. Topographic temperature; 5. Topographic precipitation; 6. Topographic exposure to wind; 7. Summary points; Important sources; Chapter 9. Landforms and Landform Elements in Geomorphometry; 1. Geomorphology, landforms and geomorphometry; 2. Approaches to landform classification; 3. Extracting and classifying specific landform elements
4. Extracting and classifying repeating landform types5. Implementing extraction of landforms; 6. Summary points; Important sources; Part II: Software; Chapter 10. Overview of Software Packages Used in Geomorphometry; 1. Introduction; 2. The software landscape; 3. Approaches to using software; 4. Other packages for geomorphometry; 5. The future of geomorphometry software; Important sources; Chapter 11. Geomorphometry in ESRI Packages; 1. Getting started; 2. DEM preparation; 3. Extraction of land-surface parameters and objects; 4. Arc scripts; 5. Summary points and future direction
Important sources

Sommario/riassunto

Geomorphometry is the science of quantitative land-surface analysis. It draws upon mathematical, statistical, and image-processing techniques to quantify the shape of earth's topography at various spatial scales. The focus of geomorphometry is the calculation of surface-form measures (land-surface parameters) and features (objects), which may be used to improve the mapping and modelling of landforms to assist in the evaluation of soils, vegetation, land use, natural hazards, and other information. This book provides a practical guide to preparing Digital Elevation Models (DEM) for an

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Titolo	War and society in the Roman world / / edited by John Rich and Graham Shipley
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (328 p.)
Collana	Leicester-Nottingham studies in ancient society ; ; v. 5
Altri autori (Persone)	RichJohn <1944-> ShipleyGraham
Disciplina	355/.00937
Soggetti	Military art and science - Rome - History Sociology, Military - Rome - History Rome History, Military
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Selected, revised versions of papers from a series of seminars sponsored by the Classics Departments of Leicester and Nottingham Universities, 1988-1990.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Book Cover; Title; Contents; List of illustrations; Notes on contributors; Preface; Abbreviations; Introduction; The Roman conquest of Italy; Fear, greed and glory: the causes of Roman war-making in the middle Republic; Urbs direpta, or how the Romans sacked cities; Military organization and social change in the later Roman Republic; Roman poetry and anti-militarism; The end of Roman imperial expansion; Roman peace; Piracy under the principate and the ideology of imperial eradication; War and diplomacy: Rome and Parthia, 31 BC AD 235; Philosophers' attitudes to warfare under the principate The end of the Roman army in the western empireLandlords and warlords in the later Roman Empire; Index
Sommario/riassunto	This volume focuses on the changing relationship between warfare and the Roman citizen body, from the Republic, when war was at the heart of Roman life, through to the Principate, when it was confined to

professional soldiers and expansion largely ceased, and finally on to the Late Empire and the Roman army's eventual failure.