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Nota di contenuto	Intro -- GEOMORPHOLOGY AND PLATE TECTONICS -- GEOMORPHOLOGY AND PLATE TECTONICS -- CONTENTS -- PREFACE -- Chapter 1 COSMOGENIC NUCLIDES AND GEOMORPHOLOGY: THEORY, LIMITATIONS, AND APPLICATIONS -- ABSTRACT -- ABBREVIATIONS -- 1. INTRODUCTION -- 2. IN-SITU-PRODUCED COSMOGENIC NUCLIDES: A GENERAL DESCRIPTION -- 3. SAMPLE PREPARATION AND MEASUREMENT -- 4. TRADITIONAL INTERPRETIVE MODELS -- 4.1. Single Nuclides -- 4.2. Multiple Nuclides -- 4.2.1. Ratio Diagrams for Nuclide Pairs -- 4.2.2. Solution Curves for Nuclide Pairs -- 4.3. Burial Age -- 5. UNCERTAINTIES, LIMITATIONS AND ADVANCED OPPORTUNITIES -- 5.1. Nuclide Properties -- 5.1.1. Spatial Variation of Cosmogenic Nuclide Production Rates -- 5.1.2. Temporal Variations in Production Rates -- 5.1.3. Diffusive Loss -- 5.2. Geomorphic Conditions -- 5.2.1. Topographic Shielding and Surface Coverage -- 5.2.2. Inheritance and Complex Geo-History -- 5.2.3. Sediment Mixing -- 5.3. Measurement Error and Sample Preparation -- 5.4. Cost -- 6. OVERVIEW OF EARTH SCIENCE APPLICATIONS -- 6.1. Glacial Geochronology and Geomorphology -- 6.2. Tectonic Geomorphology -- 6.3. Site-Specific Weathering, Erosion and Regolith Production -- 6.4. Watershed Scale Erosion -- 6.5. Depositional Landforms -- 6.6. Other Applications -- 7. FUTURE RESEARCH --

REFERENCES -- Chapter 2 FLOOD RISK AND LANDFORM OF CAMBODIAN MEKONG DELTA -- ABSTRACT -- 1. INTRODUCTION -- 2. DATA AND METHODOLOGY -- 2.1. Data -- 2.2. Processing of Satellite Data for Flood Mapping -- 3. IMAGE ANALYSIS FOR FLOODING IN EACH SEASON -- 4. THE EFFECT OF LANDFORM UNITS FOR FLOODING -- CONCLUSION -- REFERENCES -- Chapter 3 WHY ARE ROCK GLACIERS MORE OR LESS PROMINENT IN HIGH MOUNTAINS? -- ABSTRACT -- INTRODUCTION -- STUDY AREAS -- Vanoise Massif -- Chandi-Gorakh Himal -- METHODS -- Data Acquisition: Identification and Description of the Rock Glaciers. Analysis of the Rock Glacier Occurrence -- RESULTS -- Rock Glaciers Main Characteristics and Spatial Prominence -- Occurrence Analysis -- Statistical Regularities in the Vanoise Massif -- Differentiating with- and without-Rock Glaciers Corries in the Vanoise Massif: Constitution of the Corrie-Based Database and Formulation of the Null Hypotheses -- Differentiating with- and without-Rock Glaciers Corries in the Vanoise Massif: Results of the Hypothesis Tests -- Differentiating with- and without-Rock Glaciers Corries in the Vanoise Massif: Results of the Principal Components Analysis (PCA) -- GIS-Based Results in the Chandi-Gorakh Himal -- DISCUSSION -- CONCLUSION -- REFERENCES -- Chapter 4 ON SHAKY GROUND: ARCTIC COMMUNITIES IN UNEASY TRANSITION TO A NEW CLIMATIC ORDER -- ABSTRACT -- INTRODUCTION -- OBSERVATIONS AND PREDICTIONS OF LANDSCAPE CHANGES -- SOCIO-CULTURAL AND ECONOMIC CHANGES -- CHALLENGES AND OPPORTUNITIES ARISING FROM THE MELTING ARCTIC OCEAN -- CONCLUSION -- REFERENCES -- Chapter 5 GEOMORPHIC ADJUSTMENT, GEOGRAPHIC CONTEXT, AND DISTURBANCES -- ABSTRACT -- INTRODUCTION: THE IMPORTANCE OF GEOGRAPHIC CONTEXT -- SOME PROBLEMS WITH QUANTITATIVE MODELS THAT LACK SUFFICIENT GEOGRAPHIC CONTEXT -- QUALITATIVE GEOMORPHIC MODELS AND DIMENSIONALITY -- THE DISTURBANCE GEOMORPHOLOGY CONCEPT AS A QUALITATIVE, DIMENSIONLESS MODEL -- CASE STUDIES -- SENSITIVITY OF LANDFORMS AND LANDSCAPES TO CHANGE -- CONCLUSION: RECONCILING QUALITATIVE AND QUANTITATIVE GEOMORPHIC MODELS -- ACKNOWLEDGEMENTS -- REFERENCES -- Chapter 6 EROSION AND SEDIMENT YIELD ESTIMATED BY GEOWEPP FOR CHECK DAM WATERSHEDS IN EPHEMERAL GULLIES (SOUTH-EAST SPAIN) -- ABSTRACT -- BACKGROUND -- STUDY AREA -- METHODOLOGY -- Simulation with the WEPP Model -- Input Data -- Input Climatic Variables -- Topographical Variables (Slope) -- Edaphic Entry Variables. Variables Related to Land Uses -- Output Variables for the Drainage Areas -- RESULTS AND DISCUSSION -- CONCLUSION -- ACKNOWLEDGMENTS -- REFERENCES -- Chapter 7 MODELLING THE POTENTIAL IMPACT OF GROUNDWATER DYNAMICS ON GULLY EROSION AND DRAINAGE BASIN EVOLUTION -- ABSTRACT -- INTRODUCTION -- MATERIALS AND METHODS -- Analysis of Digital Elevation Models -- Model Description -- Model Calibration -- RESULT -- Model Simulations -- CONCLUSION -- ACKNOWLEDGMENTS -- REFERENCES -- Chapter 8 PALEOMAGNETIC EVIDENCE FOR SIBERIAN PLATE TECTONICS FROM RODINIA THROUGH PANGAEA TO EURASIA -- ABSTRACT -- 1. INTRODUCTION -- 2. SIBERIA IN RODINIA AND BREAK-UP PROCESS DURING NEOPROTEROZOIC -- 2.1. Brief Review -- 2.2. Geology and Paleomagnetic Evidence from Pre-Sayan Area -- 2.3. Geology and Paleomagnetic Evidence from Yenisey Ridge -- 2.4. Summary Data for Meso- to Neoproterozoic and Tectonic Reconstructions -- 3. VENDIAN TO CAMBRIAN ACTIVE CONTINENTAL MARGIN ON THE SOUTH-WESTERN FRAME OF SIBERIA -- 3.1. Short

Prelude -- 3.2. The Kuznetsk-Alatau Terranes -- 3.3. The West Sayan Terranes -- 3.4. The Gorny Altai Terrane -- 3.5. The Eravna Terrane Units -- 3.6. Discussion about Paleomagnetic Data and Tectonic Implication -- 4. LATE PALEOZOIC EURASIA ASSEMBLY AND TRAP MAGMATISM INTO SIBERIA -- 4.1. Late Paleozoic Tectonic Introduction -- 4.2. Late Paleozoic Kara - Siberia Collision and Global Paleozoic Reconstruction -- 4.3. Paleomagnetic Evidence from Siberian Large Igneous Province -- 5. MESOZOIC INTRAPLATE MOTIONS AND ITS REFLECTS IN THE EURASIA STRUCTURE -- 5.1. Brief Review -- 5.2. The Mongolo-Okhotsk Tectonic Province (Transbaikalia Region) -- 5.3. Implication of Transbaikalia Paleomagnetic Evidence to Tectonic of Mongolo-Okhotsk Ocean Closed -- 5.4. The Late Mesozoic Intraplate Magmatism of Minusa Depression (Central Asian Tectonic Province). 5.5. Lena Region of Siberian Platform (Verkhoyansk Trough) and Summary of Mesozoic Tectonic and Paleomagnetic Evidence for Siberia -- CONCLUSION -- ACKNOWLEDGMENTS -- REFERENCES -- Chapter 9 GEODYNAMICS OF INDIAN FREE-BOARD: ARCHEAN-PROTEROZOIC COLLISION ZONES AND UNDERLYING LITHOSPHERE AND ITS RAPID DRIFT -- ABSTRACT -- 1. INTRODUCTION -- 2. SPECTRAL ANALYSIS OF GRAVITY FIELD -- 2. GEOLOGY AND TECTONICS -- 3. BOUGUER ANOMALY MAP OF INDIA -- 4.1. Cenozoic Tectonics in Northern Part -- 4.2. Archean-Proterozoic Collision Zones of Indian Shield -- (i) Aravalli-Delhi Fold Belt (ADFB, H3) and Western Rajasthan (H4): -- (ii) Satpura Fold Belt (SFB, H6 - H8) -- (iii) Godavari Proterozoic Basin (L7 and Adjoining Gravity Highs) -- (iv) Peninsular Shield (L8-L12 -- H11-H12) and Connection to Madagascar -- (v) Southern Granulite Terrain (SGT) (L13-L15 -- H13-H14) -- (vi) Eastern Ghat Fold Belts and Adjoining Proterozoic Basins (H15 - H17 -- -- L12 - L13) and Extension in Sri Lanka -- 5. LITHOSPHERE UNDER INDIAN CONTINENT -- 5.1. Spectrum of Bouguer Anomaly Map of India -- 5.2. Low Pass Filtered Regional Map and Modelling along Profiles -- 6. CHAMP-SATELLITE MAGNETIC MAP OVER INDIA AND TIBET -- 6.1. Spectral Analysis of CHAMP Satellite Magnetic Data -- 7. DISCUSSION AND CONCLUSION -- 7.1. Archean-Proterozoic Cratons and Fold Belts -- 7.2. Lithosphere under Indian Continent and its Rapid Drift -- ACKNOWLEDGEMENT -- REFERENCES -- Chapter 10 NATURE OF PERMIAN FAUNAS IN WESTERN NORTH AMERICA: A KEY TO THE UNDERSTANDING OF THE HISTORY OF ALLOCHTHONOUS TERRANES -- ABSTRACT -- INTRODUCTION -- PREVIOUS WORK -- METHODS -- SCOPE OF PRESENT STUDY -- EARLY PERMIAN FUSULINIDS -- Early Permian Fusulinids of the Craton -- Texas -- Arizona-New Mexico -- California -- Nevada -- Canada -- Early Permian Fusulinids in the Terranes -- McCloud Belt -- Wrangellia Terrane. Eastern Tethyan Terranes -- Relationships between Early Permian Fusulinid Faunas -- EARLY PERMIAN COLONIAL RUGOSE CORALS -- Colonial Rugose Corals on the Craton -- Colonial Rugose Corals in the Terranes -- Relationships between Early Permian Colonial Rugose Coral Faunas -- INTERPRETATIONS OF EARLY PERMIAN FAUNAS -- Fusulinid Faunas -- Colonial Rugose Coral Faunas -- PLACEMENT OF TERRANES IN THE EARLY PERMIAN -- Latitudinal Placement -- Longitudinal Placement -- FAUNAL CHANGES FROM EARLY TO MIDDLE PERMIAN -- MIDDLE TO LATE PERMIAN FUSULINIDS -- MIDDLE TO LATE PERMIAN COLONIAL RUGOSE CORALS -- PLACEMENT OF TERRANES IN THE MIDDLE PERMIAN -- CONCLUSION -- REFERENCES -- Chapter 11 GEODYNAMIC EVOLUTION OF THE NORTH AFRICAN ATLASIC BELT -- ABSTRACT -- INTRODUCTION -- Main Geological Features -- High and Middle Atlas -- Saharan Atlas and Aurès Mounts -- Tunisian Atlas -- STRUCTURAL TRENDS IN THE ATLASIC BELT AND AFRICAN CRATON --

North-South Trends -- Béchar Suture -- Laghouat Trend -- Zibans High Zone -- Tébessa Trend -- Tunisian North-South Axis -- East-West to ENE to ESE Trends -- PALEOGEOGRAPHIC AND PALEOTECTONIC EVOLUTION OF THE ATLASIC BASINS -- Triassic- Lias Rifting -- Middle to Late Jurassic Rifting -- Cretaceous Extensional Episodes (Aptian to Early Turonian) -- Early Aptian Rifting Episode -- Latest Albian Rifting Episode -- Latest Cenomanian to Early Turonian Rifting Episode -- Senonian Compressional Events -- Tertiary Folding -- PLATE KINEMATIC CONTROL ON THE ATLASIC DEFORMATIONS -- NEOTETHYS AND NORTH-EASTERN ATLASIC DOMAIN PALEOTECTONICS -- Overview of the Tunisian and Libyan Margin -- Pelagian Sea -- Sirte Basin -- Plate Tectonics and Neotethys Evolution -- Late Permian to Early Jurassic -- Cretaceous -- Tertiary -- CONCLUSION -- REFERENCES.

Short Communication A 3D MORPHOLOGY OF PHASE MICROSCOPIC OBJECTS BY THE DIGITAL HOLOGRAPHIC INTERFERENCE MICROSCOPY METHOD.

Sommario/riassunto

Geomorphology is the scientific study of landforms and the processes that shape them whereas plate tectonics specifically describes the large scale motions of Earth's lithosphere. This book presents theory, methodology and applications, as well as studies of specific geographic regions.
