

1. Record Nr.	UNINA9910136143503321
Autore	Puett Susan B. <1939->
Titolo	Renaissance Art & Science @ Florence / Susan B. Puett and J. David Puett
Pubbl/distr/stampa	Kirksville, Missouri : , : Truman State University Press, , [2016] Â©2016
ISBN	1-61248-138-8
Descrizione fisica	1 online resource (274 pages) : illustrations
Collana	Early modern studies ; ; 17
Disciplina	709.024
Soggetti	Renaissance Civilization Art and science ART - History - General Renaissance - Italy - Florence Art and science - Italy - Florence - History History Electronic books. Italy Florence Florence (Italy) Civilization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The Evolution of Art, Science, and Polity in Renaissance Florence -- Methodology, Technology, and the Science of Art -- Mathematical and Geometrical Applications in Art and Cartography -- Healing: Body and Spirit; Physicians, Hospitals, Apothecaries, and the Artistic Dimension -- Astronomy and Time Reckoning -- Technological Innovation.
Sommario/riassunto	The creativity of the human mind was brilliantly displayed during the Florentine Renaissance when artists, mathematicians, astronomers, apothecaries, architects, and others embraced the interconnectedness of their disciplines.

2. Record Nr.	UNINA9910830470503321
Autore	Allen P. A
Titolo	Earth surface processes [[electronic resource] /] / Philip A. Allen
Pubbl/distr/stampa	Oxford ; ; Malden, MA, : Blackwell Science, 1997
ISBN	1-4443-1356-8 9786612189036 1-282-18903-4 1-4443-1357-6
Descrizione fisica	1 online resource (422 p.)
Disciplina	551.304
Soggetti	Earth sciences Fluid dynamics Sedimentation and deposition Oceanography Earth (Planet)
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	Earth Surface Processes; Contents; Preface; Part one: Thinking globally: the global Earth surface system; 1: Fundamentals of the Earth surface system; Chapter summary; 1.1 Introduction; 1.2 The Earth's energy balance; 1.3 The hydrological cycle; 1.3.1 Role of the hydrological cycle in the global climate system; 1.3.2 Global heat transfer; 1.3.3 Ocean-atmosphere interaction: driving mechanisms; 1.3.4 Summary: a global interactive model; 1.3.5 Runoff; 1.4 Role of the biosphere; 1.4.1 The carbon cycle; 1.5 Topography and bathymetry; 1.5.1 The shape of the Earth; 1.5.2 Isostatic topography 1.5.3 The bathymetry of the ocean floor 1.5.4 Dynamic topography; 1.5.5 Continental hypsometries; Further reading; References; 2: Environmental change: past, present and future; Chapter summary; 2.1 Introduction: environmental change; 2.1.1 Significance of the Quaternary; 2.2 Environmental change associated with glaciation: the record of the Pleistocene; 2.2.1 The northern hemisphere ice sheets and fringes; 2.2.2 The marine stable isotope record; 2.2.3 Information from ice cores; 2.2.4 Wind-blown dust on land: loess; 2.2.5 Wind-

blown dust in the deep sea

2.2.6 Geomorphic change in low latitudes  
2.3 Post-glacial changes up to the present day; 2.3.1 Climatic changes in the Holocene; 2.3.2 Effects of volcanic activity; 2.4 Causes of past climate change; 2.4.1 The forcing mechanisms of climate change; 2.4.2 Sea level change; 2.5 Human impact; 2.5.1 Global warming; 2.5.2 Natural hazards and global climate change; Further reading; References; 3: Liberation and flux of sediment; Chapter summary; 3.1 Introduction; 3.2 Weathering and soils; 3.2.1 Mechanical weathering; 3.2.2 Chemical weathering; 3.2.3 Soils; 3.3 Sediment routing systems

3.3.1 The Indus sediment routing system  
3.3.2 Modelling the erosional engine of the sediment routing system; 3.4 Sediment and solute fluxes in drainage basins; 3.4.1 Bedload; 3.4.2 Suspended load; 3.4.3 Solute load; 3.4.4 Relation between solute and suspended load; 3.4.5 Sediment rating curves; 3.5 Sediment yield and landscape models; 3.5.1 The relation between sediment yield and environmental factors; 3.5.2 The importance of tectonic activity; 3.6 Human impact on sediment yield; 3.6.1 Human impact in the drainage basin; 3.6.2 Deforestation; Further reading; References

Part two: Acting locally: fluid and sediment dynamics  
4: Some fluid mechanics; Chapter summary; 4.1 Introduction: the mechanics of natural substances; 4.1.1 Dimensional analysis; 4.1.2 The mechanics of clear fluids undergoing shear; 4.2 Settling of grains in a fluid; 4.2.1 Fluid resistance or drag; 4.2.2. Stokes' law; 4.2.3 Pressure and shear forces on a particle; 4.3 Flow down an inclined plane; 4.4 Turbulent flow; 4.4.1 The experiments of Reynolds; 4.4.2 The description of turbulence; 4.4.3 Structure of turbulent boundary layers; 4.4.4 Velocity profiles in turbulent flows

4.4.5 Flow separation

#### Sommario/riassunto

Earth Surface Processes is an introductory text for those studying the dynamics of fluid and sediment transport in the environments, in the context of both present-day patterns as well as the environmental changes decipherable in the geological record. The book is divided into two parts. The first deals with the global-scale aspects of the earth's surface system. The second part focuses on the physical underpinnings for fluid and sediment transport in a number of settings, found at the earth's surface and in its oceans. Earth Surface Processes fits into the literature of t