

1. Record Nr.	UNINA9910702091003321
Titolo	H.R. 1148, the Stop Trading on Congressional Knowledge Act [[electronic resource]] : hearing before the Committee on Financial Services, U.S. House of Representatives, One Hundred Twelfth Congress, first session, December 6, 2011
Pubbl/distr/stampa	Washington : , : U.S. G.P.O., , 2012
Descrizione fisica	1 online resource (iii, 108 pages)
Soggetti	Insider trading in securities - Law and legislation - United States Securities fraud - United States Ethics Insider trading in securities - Law and legislation Securities fraud United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Aug. 8, 2012). Paper version available for sale by the Supt. of Docs., U.S. G.P.O. "Serial no. 112-90."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910366629303321
Autore	Guo Huadong
Titolo	Manual of Digital Earth / / edited by Huadong Guo, Michael F. Goodchild, Alessandro Annoni
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-329-915-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xix, 852 pages) : illustrations (some color)
Collana	Earth and Environmental Science Series
Classificazione	COM021000COM069000SCI019000SCI026000SCI092000TEC036000
Disciplina	910.285
Soggetti	Geographic information systems Physical geography Computer networks Big data Sustainability Climatology Geographical Information System Earth System Sciences Computer Communication Networks Big Data Climate Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Understanding Digital Earth -- Part I Digital Earth Technologies -- Digital Earth Platforms -- Remote Sensing -- Satellites for Digital Earth -- Satellite Navigation for Digital Earth -- Geospatial Information Infrastructures -- Geospatial Information Processing Technologies -- Geospatial Information Visualization and Extended Reality Displays -- Transformation in Scale for Continuous Zooming -- Big Data and Cloud Computing -- Artificial Intelligence -- Internet of Things -- Social Media and Social Awareness -- Part II Digital Earth for Multi-domain Applications -- Digital Earth for Sustainable Development Goals -- Digital Earth for Climate Change Research -- Digital Earth for Disaster Mitigation Research -- Digital City: An Urban Perspective on Digital Earth -- Digital Heritage -- Citizen Science in Support of Digital Earth

-- The Economic Value of Digital Earth -- Part III Digital Earth Regional & National Development -- Digital Earth in Europe -- Digital Earth in Australia -- Digital Earth in China -- Digital Earth in Russia -- Part IV Digital Earth Education and Ethics -- Digital Earth Education -- Digital Earth Ethics.

#### Sommario/riassunto

This open access book offers a summary of the development of Digital Earth over the past twenty years. By reviewing the initial vision of Digital Earth, the evolution of that vision, the relevant key technologies, and the role of Digital Earth in helping people respond to global challenges, this publication reveals how and why Digital Earth is becoming vital for acquiring, processing, analysing and mining the rapidly growing volume of global data sets about the Earth. The main aspects of Digital Earth covered here include: Digital Earth platforms, remote sensing and navigation satellites, processing and visualizing geospatial information, geospatial information infrastructures, big data and cloud computing, transformation and zooming, artificial intelligence, Internet of Things, and social media. Moreover, the book covers in detail the multi-layered/multi-faceted roles of Digital Earth in response to sustainable development goals, climate changes, and mitigating disasters, the applications of Digital Earth (such as digital city and digital heritage), the citizen science in support of Digital Earth, the economic value of Digital Earth, and so on. This book also reviews the regional and national development of Digital Earth around the world, and discusses the role and effect of education and ethics. Lastly, it concludes with a summary of the challenges and forecasts the future trends of Digital Earth. By sharing case studies and a broad range of general and scientific insights into the science and technology of Digital Earth, this book offers an essential introduction for an ever-growing international audience.