

Li • Shan • Gong *Editors*

Geospatial Technology for Earth Observation

Earth Observation interacts with space, remote sensing, communication, and information technologies, and plays an increasingly significant role in Earth related scientific studies, resource management, homeland security, topographic mapping, and development of a healthy, sustainable environment and community.

Geospatial Technology for Earth Observation provides an in-depth and broad collection of recent progress in Earth observation. Contributed by leading experts in this field, the book covers satellite, airborne and ground remote sensing systems and system integration, sensor orientation, remote sensing physics, image classification and analysis, information extraction, geospatial service, and various application topics, including cadastral mapping, land use change evaluation, water environment monitoring, flood mapping, and decision making support.

Geospatial Technology for Earth Observation serves as a valuable training source for researchers, developers, and practitioners in geospatial science and technology industry. It is also suitable as a reference book for upper level college students and graduate students in geospatial technology, geosciences, resource management, and informatics.

COMPUTER SCIENCE

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About the Editors		vii
Acknowledgement		ix
Preface		xi
Chapter 1	An overview of Earth Observation and Geospatial Information Service	1
	<i>Deren Li</i>	
Chapter 2	A UAV Remote Sensing System: Design and Tests	27
	<i>Lei Yan, Zhiyang Gou, Yini Duan</i>	
Chapter 3	Design and Applications of an Integrated Multi-Sensor Mobile System for Road Surface Condition Detection	45
	<i>Qingquan Li, Yong Liu, Qingzhou Mao</i>	
Chapter 4	High Resolution Satellite Image Orientation Models	63
	<i>Mattia Crespi, Francesca Fratarcangeli, Francesca Giannone, Francesca Pieralice</i>	
Chapter 5	Geometric Processing Models for Remotely Sensed Imagery and their Accuracy Assessment	105
	<i>Xiuxiao Yuan</i>	
Chapter 6	Mapping High-Resolution Land Surface Radiative Fluxes from MODIS: Algorithms and Preliminary Validation Results	141
	<i>Shunlin Liang, Kaicun Wang, Wenhui Wang, Dongdong Wang, Sheng Gui, Xiaotong Zhang, Jeremy Mirmelstein, Xiufang Zhu, Hye-yun Kim, Juan Du, Steven Running, John Townshend, Si-Chee Tsay, Robert Wolf, Crystal Schaaf, Alan Strahler</i>	
Chapter 7	Spectral Information Content of Remote Sensing Imagery	177
	<i>Rudiger Gens</i>	
Chapter 8	Algorithms and Applications for Land Cover Classification – A Review	203
	<i>Björn Waske, Mingmin Chi, Jón Atli Benediktsson, Sebastian van der Linden, Benjamin Koetz</i>	
Chapter 9	Analysis of Hyperspectral Remote Sensing Images	235
	<i>Liangpei Zhang, Yanfei Zhong</i>	

Chapter 10	Effects of Aggregation Methods on Image Classification <i>Peng Han, Zhilin Li, Jianya Gong</i>	271
Chapter 11	Towards Automation of Information Extraction from Aerial and Satellite Images <i>John Trinder, Arcot Sowmya</i>	289
Chapter 12	Efficient Geospatial Analysis of Remotely Sensed Images by Means of Linear Feature Extraction and Combination <i>Gianni Lisini, Fabio Dell'Acqua, Paolo Gamba</i>	329
Chapter 13	Geospatial Service Web <i>Jianya Gong, Huayi Wu, Wenxiu Gao, Peng Yue, Xinyan Zhu</i>	355
Chapter 14	Optimal Composition Algorithm Concerned with Response Time for Remotely Sensed Image Processing Services <i>Qing Zhu, Xiaoxia Yang, Haifeng Li</i>	381
Chapter 15	Cadastral Mapping with Earth Observation Technology <i>Gottfried Konecny</i>	397
Chapter 16	Spatio-temporal Pattern Analysis of Land Cover Change: A Case Study in Aridzone <i>Qiming Zhou</i>	411
Chapter 17	Remote Sensing of Water Environment <i>Xiaoling Chen, Zhifeng Yu</i>	431
Chapter 18	Flood Mapping and Damage Assessment – a Case Study in the State of Indiana <i>Jie Shan, Ejaz Hussain, KyoHyouk Kim, Larry Biehl</i>	473
Chapter 19	Decision Making Based on Earth Observation Technology <i>Jixian Zhang, Yu Zeng, Wenhan Xie, Tao Wang</i>	497
List of Contributors		531
Index		543