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Autore	Eo Yang Dam
Titolo	Image Simulation in Remote Sensing
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Remote sensing is being actively researched in the fields of environment, military and urban planning through technologies such as monitoring of natural climate phenomena on the earth, land cover classification, and object detection. Recently, satellites equipped with observation cameras of various resolutions were launched, and remote sensing images are acquired by various observation methods including cluster satellites. However, the atmospheric and environmental conditions present in the observed scene degrade the quality of images or interrupt the capture of the Earth's surface information. One method to overcome this is by generating synthetic images through image simulation. Synthetic images can be generated by using statistical or knowledge-based models or by using spectral and optic-based models to create a simulated image in place of the unobtained image at a required time. Various proposed methodologies will provide economical utility in the generation of image learning materials and time series data through image simulation. The 6 published articles cover various topics and applications central to Remote sensing image simulation. Although submission to this Special Issue is now closed, the need for further in-depth research and development related to image simulation of High-spatial and spectral resolution, sensor fusion and colorization remains. I would like to take this opportunity to express my most profound appreciation to the MDPI Book staff, the editorial team</p>

of Applied Sciences journal, especially Ms. Nimo Lang, the assistant editor of this Special Issue, talented authors, and professional reviewers.

2. Record Nr.	UNINA9910828233103321
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ISBN	1-58053-940-8
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Nota di contenuto	The Great Telecom Meltdown -- Contents v -- Preface xi -- Acknowledgments xiii -- 1 Ma Bell and Her "Natural Monopoly," 1876-1969 1 -- Natural and Unnatural Monopoly 1 -- Western Union 2 -- Patent Protection 3 -- The Kingsbury Commitment 4 -- The Slow Pace of Progress 5 -- The Smith Decision and Universal Service 6 -- The Final Judgment 7 -- Hushaphone and the First Cracks in the Monopoly 7 -- The Disruptive Transistor 8 -- Endnotes 10 -- 2 The Rebirth of Competition 11 -- Carterfone Made the Network More Valuable 11 -- MCI's Shared Microwave Opened New Doors 20 -- Endnotes 25. 3 Divestiture: Equal Access and Chinese Walls 27 -- Vertical Integration 27 -- AT & T Kept Out of the Computer Industry 28 -- The Money's in Long Distance, Right? 32 -- The Centrex Revival 39 -- Digital Switching Becomes the Norm 40 -- Digitization of the Transmission Network 43 -- ISDN Fails to Make a Dent 46 -- Endnotes 53 -- 4 The Internet Boom and the Limits to Growth 57 -- The ARPAnet Was a Seminal Research Network 57 -- OSI, the Big Committee That Couldn't 62 --

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Sommario/riassunto

In today's telecom business environment, a thorough and accurate understanding of past mistakes goes a long way in ensuring future success. Providing you with an authoritative account of what contributed to the "Great Telecom Crash", this insightful resource explores the roots of the perfect storm that buffeted telecom and Internet companies and investors. You get a detailed insider's look at how the crash was caused by a complex combination of risk and regulatory factors in an increasingly competitive environment, originally fueled by the break up of AT & T.
