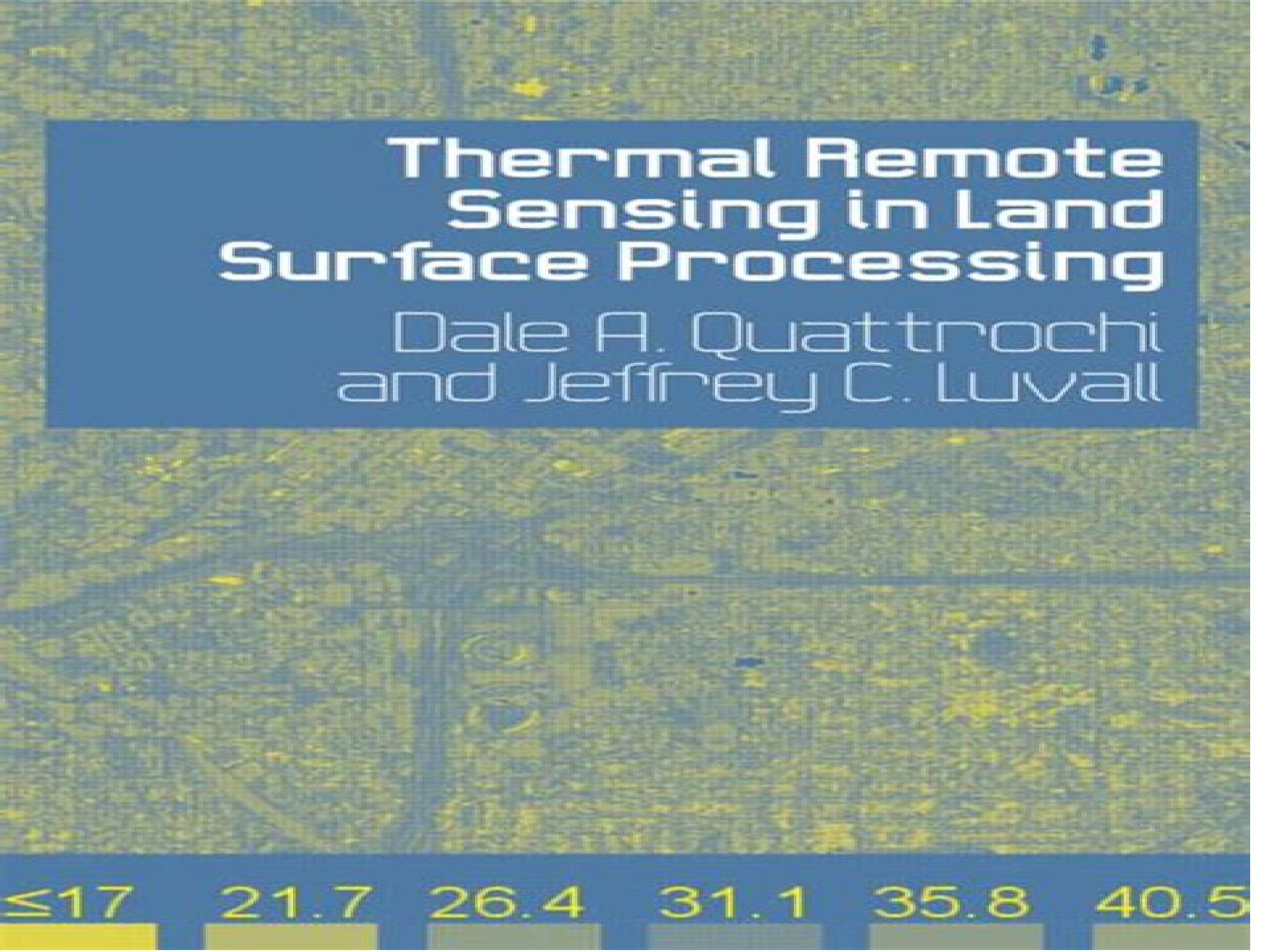


The background of the slide is a thermal remote sensing image of a landscape. The image shows a mix of dark and light areas, representing different surface temperatures. A color scale bar is located at the bottom of the slide, with values ranging from ≤17 to 40.5. The title and authors' names are overlaid on a dark blue rectangular box in the upper left quadrant of the image.

Thermal Remote Sensing in Land Surface Processing

Dale A. Quattrochi
and Jeffrey C. Luvall

≤17 21.7 26.4 31.1 35.8 40.5

Thermal Remote Sensing In Land Surface Processing

**S. Dharumarajan, Kaliraj
Seenipandi, Kabindra Adhikari, Lalitha
Manickam, Nirmal Kumar**



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Conference after a rigorous peer reviewed process They represent a sample of the wide range of applications that characterize the interdisciplinary research areas of the Geospatial Information Sciences It especially represents a fabulous opportunity to exhibit research carried out by young researchers and showcase it to the rest of the world and enhance the growth of the sciences while at the same time enforces them to level up with other research at the international level

Remote Sensing of Soils S. Dharumarajan,Kaliraj Seenipandi,Kabindra Adhikari,Lalitha Manickam,Nirmal

Kumar,2023-11-28 Remote Sensing of Soils Mapping Monitoring and Measurement covers the basic theoretical and scientific concepts of multidisciplinary subjects including sections that relate to soil sciences remote sensing geoinformatics geomatics civil and water resource engineering geography agriculture disaster management and the earth and environmental sciences The book consists of defined elements to help guide the reader including an abstract introductions a literature review methodology results and discussions findings recommendations and conclusions Each chapter includes theoretical information that is illustrated with flow charts tables figures diagrams and other related illustrations Site specific research and case studies are described throughout with geographical and demographical data current scientific issues impacts solutions and societal benefits thus providing readers from multi disciplinary backgrounds the tools they need to successful map analyze and monitor soils Covers multispectral hyperspectral and SAR remote sensing analysis of soil properties soil moisture soil salinity and soil organic matters etc in spatio temporal scale Includes a section on digital soil mapping including integrated RS GIS and insitu surveyed data analysis for digital soil mapping using widely accepted models and approaches Ideal for readers in the soil sciences remote sensing geoinformatics geomatics civil and water resource engineering geography agriculture disaster management and earth and environmental sciences

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