

Preface

Remote sensing technology continues to play a significant role in the understanding of our environment. It has evolved into an integral research tool for the natural sciences. Disciplines such as climatology, hydrology, and studies of the terrestrial biosphere have all developed a strong remote sensing analysis component. Moreover, remote sensing has facilitated our understanding of the environment and its many processes over a broad range of spatial and temporal scales. This is a highly important aspect of hydrological research, especially in water resources management, environmental monitoring and prediction, and the detection of environmental change. Remote sensing applications have greatly enhanced our ability to monitor and manage our natural resources, especially water resources. This publication is a compilation of papers that were presented at the IAHS Symposium on Remote Sensing for Environmental Monitoring and Change Detection organised by the IAHS International Commission on Remote Sensing, in Perugia, as part of the 24th IUGG General Assembly, 2007, and describes various techniques, applications, and field studies relating to hydrological and environmental change detection, with an emphasis on remote sensing. We thank the authors for their interesting and timely submissions, and the IAHS for providing the outstanding venue for their presentation.

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