# contents

メタデータ	言語: eng
	出版者:
	公開日: 2017-11-20
	キーワード (Ja):
	キーワード (En):
	作成者:
	メールアドレス:
	所属:
URL	http://hdl.handle.net/2297/00049175

## Proceedings of EMEA '01 in Kanazawa

## CONTENTS

## Forest Monitoring with Radar Techniques

Remote Sensing of Northern Forests and Land Use

Martti HALLIKAINEN 1

Scattering Characteristic Analysis of Conifer and Broad-Leaf Trees by Polarimetric Radar

Yoshio YAMAGUCHI 18

Comparison of Remote Sensing and Field Data Over the Rainforests of Malaysia

Kazuo OUCHI 28

#### Long Term Monitoring and Database

Integrated Ecosystem Assessment for Western Development of China

Jiyuan LIU 33

Evaluation of Satellite Remote Sensing Imagery to Update Digital Data of Relatively Large-Scale Forest Stand Map

Kyu-Sung LEE 41

#### Remote Sensing and Land Use

Spatialization Model of Population Based on Dataset of Land Use and Land Coverage Change in China

Dafang ZHUANG 51

Detecting Land Use Change Using Remote Sensing in Indonesia

Satoshi TSUYUKI 59

#### Remote Sensing and Field Data

Modeling of Componential Spectral Characteristics of Taiga for Satellite Data Interpretation: Comparative Study on East Siberia and Alaska

Keiji KUSHIDA 67

Rice Crop Mapping from Multi-Temporal Radarsat and High Resolution PI-SAR Data

Glen DAVIDSON 73

### Remote Sensing Image Analysis

Classification of Degraded Forest Land Cover Types in North Korea Using Bi-temporal Landsat TM Data

Seung-Ho LEE 79

Topographical Correction Application on Vegetation Study in Mountain Area

Feng CHEN 88

#### Techniques of Remote Sensing

On Retrieval Algorithms for Aerosol Optical Parameters Using Satellite Data

Yoshiyuki KAWATA 92

Design and Implementation of Internet Based Environmental Monitoring Information System

Xiangzheng DENG 98

## SEMINAR: The Atmosphere, Water, Soil and Forest Ecosystems

Forest Monitoring Using Satellite Remote Sensing

Ken-ichiro MURAMOTO 106

Roles of Human Activity in Biological Invasion Threatening Forest Biodiversity

Naoto KAMATA 114

Alkali/Sodic Land Reclamation Using FGD Gypsum for Forest Plantation in Australia - COALA Project(Coal Power Byproduct Applied to Land Rehabilitation) -

Osamu WATANUKI 122

Development of Water Environment Restoration Technology Using Bio-ecoengineering

Kaiqin XU 128

#### **EMEA Project Report**

Activites of the EMEA Project During 1999-2001

Ken-ichiro MURAMOTO 134

Field Survey Trip of EMEA Project in China: From Russian Border to North Korean Border

Naoto KAMATA 136

Helicopter Based Observation of Vegetation