

contents

著者	EMEA Project
journal or publication title	Proceedings of EMEA 2000 in Kanazawa
year	2000
URL	http://hdl.handle.net/2297/00049182

Proceedings of EMEA 2000**CONTENTS****Microwave Remote Sensing**

Microwave Remote Sensing of Boreal Forests

Martti HALLIKAINEN 1

Radar Remote Sensing of Forests

Thuy LE TOAN 18**Remote Sensing and Environment**Research on Cause of Forming the Sand-dust Disaster in
North of China at the spring of 2000*LIU Jiyuan* 34

Detecting and Monitoring Forest Fires Using Satellite Images

Cheol-Min KIM 41Pattern Decomposition Method for Hyper-multispectral Data and Development of
Algorithms for Estimation of Net Primary Production using GLI Data*Noboru FUJIWARA* 50**Vegetation Classification**Utilization of Vegetation Physical Parameters and Bidirectional Reflectance
Distribution Functions for Vegetation Cover Classification of Kushiro Shitsugen*Kunihiko YOSHINO* 55

Regional Implementation of the FAO Global Ecological Zone System-----China Part

Dafang ZHUANG 67**Long Term Monitoring of Vegetation Change**

Long Term Monitoring of Forest Canopy Conditions Using Satellite Imagery

Kyu-Sung LEE 77

The Forest Change and the Driving Force in Northeast China Since 1900

ZHANG Bai 86

CONTENTS

Forest and Carbon Sink

Site Specific Measuring and Regional Estimation of Carbon Dynamics in a Temperate Forest, Korea

Jong-Hwan LIM 87

Estimation of the Global Net Primary Productivity Using NOAA Images and Meteorological Data - A Preliminary Study -

Yoshio AWAYA 95

SEMINAR: Global Warming and Conservation of Natural Environment

Development of Global Warming and Depletion of Ozone

Kohji KAWAHIRA 98

Impact of climatic change on agricultural production and carbon cycle

Katsuo OKAMOTO 103

Estimation and limit of CO₂ sequestration in forest ecosystem

Yukihiro CHIBA 119

The Kakuma "Satoyama" Nature School - a concept and a practice conserving "Satoyama" in Kanazawa

Koji NAKAMURA 120

EMEA Project Report

Activities of the EMEA project

Ken-ichiro MURAMOTO 121

Vegetation Measured at Three Different Scales at Kanazawa University, Kakuma Campus

Mamoru KUBO 123

Field Survey of EMEA Project in Inner-Mongolia: Synchronous Data Acquisition of Vegetation Reflectance Using Different Devices

Naoto KAMATA 125