

INTERNATIONAL JOURNAL OF REMOTE SENSING AND EARTH SCIENCES

Instruction for Authors

Scope

International Journal of Remote Sensing and Earth Sciences (IJReSES) publishes research results on remote sensing and earth sciences, with special interest in Asian region.

Manuscript Submission

Manuscripts submission to the IJReSES must be original with a clear definition of the objective(s), material used (data), methods applied, results, and should not have been published or offered for publication or submitted elsewhere. The manuscript should be written in English, using single line spacing on single-sided A4 size paper with 2.5 cm left and right margins, 2.5 cm upper and lower margins. The author(s) is (are) also required to submit original version of figures embedded in the paper along with their captions. All figures should be in tiff or jpeg format with high resolution (300 or 600 dpi). Submit your paper in Word to IJReSES secretariat via: jurnal.lapan.go.id.

Manuscript Preparation

- Title should be concise and informative and not exceeding 15 words.
- The author name(s) and affiliation(s) should be written in the footnotes at the bottom of the title page.
- Abstract should contain a summary of the paper including brief introduction, the objective(s), method, and principal conclusions. Abstract should not exceed 250 words. Keywords are between 3 to 5 words and must be relevant to the subject. Do not use any sub-headings.
- Materials and methods used should clearly and concisely describe the experiment with sufficient details for independent repetition.
- Results should be presented with optimum clarity and without unnecessary detail. Results should also be presented in figures or tables but not duplicated in both format. Tables should be typed with same font size as the text and given consecutive Arabic number.
- Discussion should explain the significant findings and other important aspects of the research. Do not repeat material and methodology.
- Citation should be written in the text by the author's last name and year in one or two forms: Field *et al.* (1996) or (Field *et al.*, 1996). For references with more than two authors, list the first author plus *et al.*
- Conclusion should be concise and answer the objective(s).
- Acknowledgment, if any, should be kept at minimum (less than 40 words)
- References should be in alphabetical order. It should be written as follows:
Field, C.B., M.J. Behrenfeld, J.T. Randerson, and P. Falkowski, 1998, Primary production of the biosphere: integrating terrestrial and oceanic components. *Science*, 281(5374):237-240.
- Acronym or uncommon abbreviations must be given in full at the first text mentioned. New abbreviation should be coined only for unwieldy names and should not be used at all unless the names occur frequently.
- Latin name and family of the species should be given besides its common name at the first mention in the manuscript, and the common name only for subsequent mentions.
- International Standard unit system (kg, m, s, etc) should be used for all manuscripts.

**International Journal of
Remote Sensing and Earth Sciences**

June 2021

Published by:



National Institute of Aeronautics and Space of Indonesia (LAPAN)

Secretariat:

National Institute of Aeronautics and Space of Indonesia (LAPAN)

Jl. Kalisari No. 8, Pekayon, Pasar Rebo, Jakarta 13710, INDONESIA

Telp. (021) 8710065, Fax. (021) 8722733

Pukasi.lapan@gmail.com

**INTERNATIONAL JOURNAL OF
REMOTE SENSING AND EARTH SCIENCES
Vol. 18 No. 1 June 2021
P-ISSN 0216-6739; E- ISSN 2549-516X
Accreditation No. 30/E/KPT/2018**

Contents

Editorial Committee Preface	ii
Editorial Committee Members	iii
OIL PALM PLANTATION DETECTION IN INDONESIA USING SENTINEL-2 AND LANDSAT-8 OPTICAL SATELLITE IMAGERY (CASE STUDY: ROKAN HULU REGENCY, RIAU PROVINCE)	
Suwarsono, Fajar Yulianto, Yunita Nurmasari, Arie Wahyu Wijayanto.....	1
MACHINE LEARNING APPLIED TO SENTINEL-2 AND LANDSAT-8 MULTISPECTRAL AND MEDIUM-RESOLUTION SATELLITE IMAGERY FOR THE DETECTION OF RICE PRODUCTION AREAS IN NGANJUK, EAST JAVA, INDONESIA	
Terry Devara, Arie Wahyu Wijayanto.....	19
APPLICATION OF LAPAN A3 SATELLITE DATA FOR THE IDENTIFICATION OF PADDY FIELDS USING OBJECT BASED IMAGE ANALYSIS (OBIA)	
Mukhoriyah Mukhoriyah, Dony Kushardono	33
SPATIO-TEMPORAL ANOMALIES IN SURFACE BRIGHTNESS TEMPERATURE PRECEDING VOLCANO ERUPTIONS DETECTED BY THE LANDSAT-8 THERMAL INFRARED SENSOR (CASE STUDY: KARANGETANG VOLCANO)	
Suwarsono Suwarsono, Djoko Triyono, Muhammad Rokhis Khomarudin, Rokhmatuloh Rokhmatuloh.....	43
FISHING BOAT DISTRIBUTION ESTABLISHED BY COMPARING VMS AND VIIRS DATA AROUND THE ARU ISLANDS IN MALUKU INDONESIA	
Rafika Minati Devi, Tofan Agung Eka Prasetya, Diah Indriani	53
COASTLINE CHANGE ANALYSIS ON BALI ISLAND USING SENTINEL-1 SATELLITE IMAGERY	
Suhendra Suhendra, Christopher Ari Setiawan, Teja Arief Wibawa, Berta Berlian Borneo.....	63
HYDRO-METEOROLOGICAL ASPECTS OF THE 2021 SOUTH KALIMANTAN FLOOD: TOPOGRAPHY, TIDES, AND PRECIPITATION	
Munawir Bintang Pratama, Rafida Multazima, Ismail Naufal Azkiarizqi.....	73
RADAR-BASED STOCHASTIC PRECIPITATION NOWCASTING USING THE SHORT-TERM ENSEMBLE PREDICTION SYSTEM (STEPS) (CASE STUDY: PANGKALAN BUN WEATHER RADAR)	
Abdullah Ali, S. Supriatna, Umi Sa'adah.....	91
ESTIMATION OF ABOVEGROUND CARBON STOCK USING SAR SENTINEL-1 IMAGERY IN SAMARINDA CITY	
Bayu Elwantyo Bagus Dewantoro, Retnadi Heru Jatmiko.....	103
Instruction for Authors	
Index.....	

Published by:

National Institute of Aeronautics and Space of Indonesia (LAPAN)