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)
- 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.
Contents

Editorial Committee Preface ................................................................. ii
Editorial Committee Members ............................................................... iii

PLATFORM REEF LAGOON DETECTION FROM SENTINEL-2 IN PANGGANG ISLAND AND SEMAKDAUN ISLAND
Wikanti Asriningrum, Azura Ulfa, Kholifatul Aziz, Kuncoro Teguh Setiawan, Dyah Pangastuti .............................................................. 101

DETECTION OF WATER-BODY BOUNDARIES FROM SENTINEL-2 IMAGERY FOR FLOODPLAIN LAKES
Azura Ulfa, Fajar Bahari Kusuma, A. A. Md. Ananda Putra Suardana, Wikanti Asriningrum, Andi Ibrahim, Lintang Nur Fadilllah ........................................ 119

SPATIAL MACHINE LEARNING FOR MONITORING TEA LEAVES AND CROP YIELD ESTIMATION USING SENTINEL-2 IMAGERY, (A Case of Gunung Mas Plantation, Bogor)
Dini Nuraeni, Masita Dwi Mandini Manessa .............................................. 133

ENHANCING COASTAL DISASTER MITIGATION MEASURES: VEGETATION BASED FEASIBILITY STUDY FOR SOUTHERN JAVA, INDONESIA
Adiguna Rahmat Nugraha, Jason R. Parent .............................................. 143

MAPPING THE AIR MOISTURE CHANGE IN UNDER CANOPY TREES USING A HEMISPHERICAL AND AERIAL PHOTOGRAPH BASED ON MACHINE LEARNING APPROACHES
Mochamad Firman Ghazali ........................................................................ 153

DIFFERENCES OF COASTALINE CHANGES IN THE AREA AFFECTED BY LAND COVER CHANGES AND COASTAL GEOMORPHOLOGICAL SOUTH BALI 1995 - 2021
Muhammad Dimyati, Muhamad Rafli, Astrid Damayanti ............................. 167

TEA PLANT HEALTH RESEARCH USING SPECTROMETER
Dwi Hastuti, Masita Dwi Mandini Manessa, Mangapul Parlindungan Tambunan ................................................................. 177

TSUNAMI HAZARD MODELING IN THE COASTAL AREA OF KULON PROGO REGENCY
Dwiana Putri Setyaningsih, Hubertus Ery Cantas Prattama Sutiono, Amelia Rizki Gita Paramanandi, Ernani Uswatun Khasanah, Tri Wahyuni, Bernadeta Aurora Edwina Kumala Jati, Muhammad Falakh Al Akbar, Wirastuti Widyatmanti, Totok Wahyu Wibowo ................................................................. 184

COMPARISON OF MACHINE LEARNING ALGORITHMS FOR LAND USE AND LAND COVER ANALYSIS USING GOOGLE EARTH ENGINE (CASE STUDY: WANGGU WATERSHED)
Septianto Aldiansyah, Randi Adrian Saputra .............................................. 197
Published by:
National Institute of Aeronautics and Space of Indonesia (LAPAN)