

# WIDYARISSET

eISSN 2461-0976

## EDITORIAL TEAM

- Editor-in-Chief : Dr. Achmad Dinoto [Research Center for Biology, Cibinong, Indonesia]
- Section Editor : Prof. Dr. Ir. Erna Sri Adiningsih, M.Si. [Indonesian National Institute of Aeronautics and Space, Jakarta, Indonesia]
- Dr. Masteria Yunovilsa Putra, M.Sc. [Research Center for Oceanography, Jakarta, Indonesia]
- Dr. Edwar Yazid, M.Sc. [Research Center for Electrical Power and Mechatronics, Bandung, Indonesia]
- Copy Editor : Yoke Pradanatama, S.E [The National Training, Education Center for Researchers Development, Cibinong, Indonesia]
- Dessy Wahyuni, S.S., M.Pd. [Technical Implementation Unit of Riau Language Development and Development Agency, Ministry of Education and Culture, Indonesia]
- Ira Saphira, M.Sc. [The National Training, Education Center for Researchers Development, Cibinong, Indonesia]
- Layout Editor : Basten, S.Kom. [The National Training, Education Center for Researchers Development, Cibinong, Indonesia]

---

# Widyariset

---

## DAFTAR ISI

Kandungan Energi Lamun Desa Berakit dan Desa Pengudang Pulau Bintan untuk mendukung keberadaan Dugong (Dugong dugon) <b>Nurul Dhewani Mirah Sjafrie</b> .....	113–122
Perilaku Sensitasi pada Logam <i>Stainless Steel</i> Seri J4 Akibat Perlakuan Panas <b>Gadang Priyotomo dan I Nyoman Gede Putrayasa A</b> .....	123–132
<i>Performance Analysis of PSO-PD Controller in Controlling the Rigid Gantry Crane System</i> <b>Rifa Rahmayanti, Qidun Maulana Binu Soesanto, dan Edwar Yazid</b> .....	133–142
Pengaruh Parameter Elektro-Pulsa Deposisi Nikel terhadap Struktur Mikro Lapisan Deposit dan Laju Korosi pada Baja AISI 410 <b>Agnes Stephani, Soesaptri Oediyani, Yulinda Lestari, dan Efendi Mabruri</b> .....	143–152
Pengaruh Temperatur Perlakuan Pelarutan terhadap Karakteristik Struktur Mikro dan Sifat Kekerasan Paduan Coran Ti-6Al-4V ELI <b>Damisah, I Nyoman Jujur, Joni Sah, Agustanhakri, dan Djoko Hadi Prajitno</b> ....	153–162
Hubungan antara Neraca Air Lahan terhadap Produksi Karet Klon BPM24 <b>Sahuri dan Andi Nur Cahyo</b> .....	163–172
Komposisi Jenis, Keanekaragaman, dan Pemanfaatan Moluska di Pesisir Pulau Saparua, Maluku Tengah <b>Muhammad Masrur Islami, Idha Yulia Ikhsani, Terry Indrabudi, dan Iskandar A.H. Pelupessy</b> .....	173–188
<i>Solvent Extraction Process for the Recovery Cobalt and Nickel from Low-Grade Laterite using Batch Recycle System</i> <b>Sudibyo, Agus Junaedi, Muhammad Amin, Slamet Sumardi, Fajar Nurjaman, Bramantyo Bayu Aji, Yayat Iman Supriyatna, dan Lilis Hermida</b> .....	189–196

Pengaruh Sintering Berulang terhadap Struktur Kristal dan Morfologi Permukaan Bi, Pb-Sr-Ca-Cu-O yang Didoping Mg <b>Fauzan Amri, Bintoro Siswayanti, Sigit Dwi Yudanto, Agung Imaduddin, Nurul Suhada, Rizki Syahfna1, dan Eidi Sihombing</b> .....	197–204
Sebaran Ukuran dan Faktor Kondisi Lobster Pasir ( <i>Panulirus homarus Linnaeus 1758</i> ) di Pananjung Pangandaran <b>Arip Rahman, Dimas Angga Hedianto, dan Danu Wijaya</b> .....	205–211

## ACKNOWLEDGMENT

Widyariset appreciates to reviewers who have commented manuscripts for the current issue:

- Udhi Eko Hernawan P.hD. : Tual Marine Research Station, Indonesian  
Institutes of Sciences, Indonesia
- Dr. Yuliati Herbani, M.Sc : Research Center for Physics, Indonesian  
Institute of Sciences, Indonesia
- Dr. Yuli Kusumawati, M.Si. : Department of Chemistry, Sepuluh Nopember  
Institute of Technology, Indonesia
- Dr. Ajeng Arum Sari : Research Center for Chemistry, Indonesian  
Institute of Sciences, Tangerang, Indonesia
- Dr. Eng. Budi Prawara : Research Center for Electrical Power and  
Mechatronics, Indonesian Institute of Sciences,  
Indonesia
- Ucu Yanu Arbi, M.Si. : Research Center for Oceanography, Indonesian  
Institute of Sciences, Indonesia
- Widi Asuti, M.T. : Research Unit for Mineral Technology,  
Indonesian Institute of Sciences, Indonesia
- Dr. Eng. Wahyu Bambang Widiyatno : Research Center for Physics, Indonesian  
Institute of Sciences, Indonesia
- Dr. Setyo Purwanto : Center for Advanced Material Science and  
Tech. BATAN, Indonesia
- Dra. Rianta Pratiwi, M.Sc. : Research Center for Oceanography, Indonesian  
Institute of Science, Indonesia