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## Publications

2025

Jurnal nasional terakreditasi

### **Integrating Education, Technology, and Sustainable Practices for Community Empowerment in Siponjot Village**

MISWAR BUDI MULYA

2025

Jurnal nasional

### **The Condition of Coral Reefs Ecosystem in Poncan Gadang Island Sibolga City and Management Efforts**

MISWAR BUDI MULYA

2024

Jurnal internasional bereputasi

### **Composition and Dominance of Fish Species on the Coast of Deli Serdang District, North Sumatra**

MAYANG SARI YEANNY , MISWAR BUDI MULYA

2024

Prosiding seminar internasional

### **Structure and Dominance of Macrozoobenthos as Biomonitoring Instrument in the Reuleng River, Leupung, Aceh Besar, Indonesia**

ZULFIKAR , M. ALI S , AFKAR , TERNALA ALEXANDER BARUS , NADIA ALDYZA , MISWAR BUDI MULYA

2024

Prosiding seminar internasional

### **Potential of Coral Resilience Post Bleaching in 2016 in the Water of Ujong Seuke East Coast of Weh Island Indonesia**

Muhammad Ali Sarong , Nadia Aldyza , MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS

2023

Buku referensi

### **Biologi Laut**

MISWAR BUDI MULYA

2023

Jurnal nasional terakreditasi

### **Hubungan Sistem Usaha Tambak Dengan Jenis Teknologi Yang Digunakan Untuk Produksi Tambak Di Desa Tanjung Rejo Kecamatan Percut Sei Tuan**

NOORSHEHA , HENRI SITORUS , MISWAR BUDI MULYA

2023

Jurnal internasional

### **The prevalence of coral health issues in the conservation area of Benteng, Weh Island, Sabang, Indonesia**

NADIA ALDYZA , AFKAR , MISWAR BUDI MULYA

2023

Jurnal internasional bereputasi

## **The prevalence of coral health issues in the conservation area of Benteng, Weh Island, Sabang, Indonesia**

MISWAR BUDI MULYA

2023

Jurnal internasional

## **Model of Phytoplankton Diversity in Belawan River, North Sumatera, Indonesia**

TERNALA ALEXANDER BARUS , MISWAR BUDI MULYA , HERMAN MAWENGKANG , MAYANG SARI YEANNY

2022

Jurnal internasional bereputasi

## **Coral resilience inside and outside of Pesisir Timur Pulau Weh conservation zone, Sabang City, Indonesia**

MISWAR BUDI MULYA , M. ALI S , TERNALA ALEXANDER BARUS , NADIA ALDYZA

2022

Jurnal internasional bereputasi

## **Behavior Model of Community-Based Sanitation Management In Coastal Areas: Confirmatory Factor Analysis**

R. HAMDANI HARAHAP , MISWAR BUDI MULYA , LITA SRI ANDAYANI , Susilawati

2022

Jurnal internasional bereputasi

## **Density, morphometric characteristics and distribution pattern of Asiatic hard clam (*Meretrix meretrix*) in Karang Gading estuary, Deli Serdang District, Indonesia**

MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS

2022

Jurnal nasional

## **KERAGAMAN BIVALVIA DI PANTAI SIALANG BUAH SUMATERA UTARA**

NOORSHEHA , MISWAR BUDI MULYA

2022

Jurnal internasional bereputasi

## **Density, length-frequency distribution and growth pattern of *Penaeus monodon* in Karang Gading estuar**

MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS

2022

Jurnal nasional terakreditasi

## **Coral Covers and The Abundance of Chaetodontidae in Suaka Alam Perairan of Weh Island Aceh**

MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS

2022

Jurnal internasional

## **Silvofishery: In What Mangrove Coverage Condition Can this System Provide Benefits for the Community?**

MISWAR BUDI MULYA , AZHAR , ZULKIFLI

2022

Jurnal nasional terakreditasi

## **Analysis of Compliance with Capture Fisheries Licensing in Belawan Waters at the One-stop Integrated Licensing Service and Investment Office of Sumatera Utara Province**

AGUS PURWOKO , MISWAR BUDI MULYA

2022

Jurnal internasional bereputasi

## **Mangrove species diversity and carbon stock insilvofishery ponds in Deli Serdang District, North Sumatra, Indonesia**

ZULKIFLI , MISWAR BUDI MULYA , AZHAR

2021

Jurnal internasional bereputasi

## **Study of *Anadara antiquata* stock in Kuala Puteri Beach, North Sumatra**

MISWAR BUDI MULYA , ARLEN H J

2021

Jurnal internasional bereputasi

## **Checklist of phytoplankton and their abundance in Toba Lake, North Sumatra, Indonesia**

SYAFRUDDIN ILYAS , TERNALA ALEXANDER BARUS , MISWAR BUDI MULYA

2021

Jurnal internasional bereputasi

## **Population dynamics of anchovy pekto (*Stolephorus waitei*) in the waters of Malacca Strait, North Sumatra, Indonesia**

ZULHAM APANDY HARAHAP , MISWAR BUDI MULYA , ARLEN H J

2020

Jurnal internasional

## **Seismic micro-zonation framework for earthquake risk in Medan-North Sumatera Indonesia using geotechnical engineering survey**

MISWAR BUDI MULYA

2019

Jurnal internasional bereputasi

## **Reproductive Biology of Pacific Oyster (*Crassostrea gigas*): A Decade after the Tsunami Disaster in Aceh, Indonesia**

TERNALA ALEXANDER BARUS , MISWAR BUDI MULYA

2019

Jurnal internasional bereputasi

## **Reproductive Biology of Pacific Oyster (*Crassostrea gigas*): A Decade after the Tsunami Disaster in Aceh, Indonesia**

TERNALA ALEXANDER BARUS , AGUNG SETIA BATU BARA , LILI KASMINI , M. ALI S , MISWAR BUDI MULYA

2019

Jurnal internasional

## **Phytoplankton diversity of Situmurun village, Toba Samosir regency, North Sumatera**

TERNALA ALEXANDER BARUS , SYAFRUDDIN ILYAS , MISWAR BUDI MULYA

2019

Jurnal internasional

## **The Effort to Maintain Mangrove Forest through the Development of Silvofishery Pond**

ZULKIFLI , AZHAR , MEILINDA SURIANI HAREFA , MISWAR BUDI MULYA

2019

Jurnal internasional

## **Analysis of Factors Affecting The Production of Pond Business in Tanjung Rejo Village, District Deli Serdang**

MISWAR BUDI MULYA , HENRI SITORUS , NOORSHEHA

2019

Jurnal internasional

## **Abundance and Growth Parameter of Mangrove Crab (*Scylla serrata*) in Estuary Water of Karang Gading, District Deli Serdang**

MISWAR BUDI MULYA

2019

Jurnal internasional

## **Condition Factor and Exploitation Rates of *Scylla serrata* in Karang Gading Sumatera Utara**

MISWAR BUDI MULYA

2019

Jurnal internasional

## **Phytoplankton diversity of Situmurun village, Toba Samosir regency, North-Sumatera**

SYAFRUDDIN ILYAS , MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS , IKA ROSENTA PURBA

2018

Jurnal internasional

## **Morphometric study of pacific oyster (Crassostrea gigas) in the coastal area of Banda Aceh**

LILI KASMINI , MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS , M. ALI S

2018

Jurnal internasional bereputasi

## **Abundance and Ponderal Index of White Shrimp (Penaeus merguensis) in Estuary Water**

YUNASFI , MISWAR BUDI MULYA

2018

Jurnal internasional

## **Macrozoobenthos diversity as bioindicator of water quality in the Bilah river, Rantauprapat**

MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS , ARMAN HARAHAP , M. ALI S

2018

Jurnal internasional

## **Abundance and Ponderal Index of White Shrimp (Penaeus merguensis) in Estuary Water**

MISWAR BUDI MULYA

2018

Jurnal internasional

## **The effect of environmental management based micro, small & medium enterprises (MSMEs) empowerment on the achievement of sustainable development**

MISWAR BUDI MULYA

2018

Jurnal nasional terakreditasi

## **Hubungan panjang berat dan faktor kondisi tiram (Crassostrea gigas) di Kawasan Estuari Tibang dan Ulee Lheue, Kota Banda Aceh**

MISWAR BUDI MULYA , TERNALA ALEXANDER BARUS , M. ALI S , LILI KASMINI

2018

Jurnal internasional

## **Density and white shrimp growth pattern (penaeus merguensis) in kampung nipah waters of perbaungan north sumatera**

MISWAR BUDI MULYA , SRINATALIA SILAEN

2018

Jurnal internasional

## **Production of litter and detritus related to the density of mangrove**

MISWAR BUDI MULYA

2017

Jurnal nasional

## **PERTUMBUHAN DAN LAJU EKSPLOITASI IKAN TERI PEKTO (Stolephorus Waitei) DI PERAIRAN BELAWAN KOTA MEDAN SUMATERA UTARA &#8220;Growth and the rate exploitation of Anchovy Pekto, &#8230;**

MISWAR BUDI MULYA

2017

Jurnal nasional

## **KEANEKARAGAMAN MAKROZOOBENTOS SEBAGAI BIOINDIKATOR DI PERAIRAN ESTUARI SUAKA MARGASATWA KARANG GADING KABUPATEN DELI SERDANG (The diversity of macrozoobenthos as a bioindicator, &#8230;**

2017

Jurnal nasional

**Kajian Morfologis dan Kelimpahan Ikan Sili (Famili: Mastacembelidae) di Sungai Seruai Desa Namu Suro Kabupaten Deli Serdang Provinsi Sumatera Utara &#8220;Morphological Studies and&A€Œ&#8230;**

MISWAR BUDI MULYA

2016

Jurnal nasional

**Studi Kesesuaian dan Daya Tarik Wisata di Pantai Bosur Tapanuli Tengah Ditinjau dari Aspek Biofisik (Study of Suitability and Appeal of Tourism in Bosur Beach Central Tapanuli&A€Œ&#8230;**

BRAWIJAYA HUTABARAT , ZULHAM APANDY HARAHAHAP , MISWAR BUDI MULYA

2016

Tulisan ilmiah

**Distribusi dan Pola Pertumbuhan Udang Putih (Penaeus merguiensis de Man) di Perairan Estuari Suaka Margasatwa Karang Gading Sumatera Utara**

MISWAR BUDI MULYA

2015

Jurnal nasional

**Studi Morfometrik dan Meristik Ikan Lemeduk (Barbodes schwanenfeldii) di Sungai Belumai Kabupaten Deli Serdang Morphometric and Meristic Study of Lemeduk Fish (Barbodes&A€Œ&#8230;**

MISWAR BUDI MULYA

2014

Jurnal nasional

**KEANEKARAGAMAN PLANKTON DI PERAIRAN SUNGAI ASAHAN SUMATERA UTARA (Diversity Plankton in Asahan River North Sumatera)**

MISWAR BUDI MULYA

2014

Jurnal nasional

**Uji Toksisitas Akut Limbah Cair Industri Tahu terhadap Ikan Patin (Pangasius sp.)(Acute Toxicity Test of Tofu Industrial Wastewater for Catfish (Pangasius sp.))**

MISWAR BUDI MULYA

2012

Jurnal nasional

**Prosiding Seminar Nasional Biologi: Peran Biologi Dalam Meningkatkan Daya Saing Global (Medan, 11 Mei 2012)**

MISWAR BUDI MULYA

2011

Jurnal nasional terakreditasi

**Distribusi dan pola pertumbuhan udang putih (Penaeus merguensis de Man) di Ekosistem Mangrove Percut Sei Tuan Sumatera Utara**

MISWAR BUDI MULYA

2006

Jurnal nasional

**Kondisi Terumbu Karang Berdasarkan Persen Tutupan di Pulau Karang Provinsi Sumatea Utara dan Hubungannya dengan Kualitas Perai-ran**

MISWAR BUDI MULYA

2004

Jurnal nasional

**Keanekaragaman Ikan di Sungai Deli Provinsi Sumtera Utara serta keterkaitannya dengan Faktor Fisik kimia Perairan**

MISWAR BUDI MULYA

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2026

Jurnal nasional terakreditasi

## **ANALYSIS OF COASTAL WATER QUALITY AT MARINE TOURISM SITES IN THE CITY OF SIBOLGA**

MISWAR BUDI MULYA

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2026

Prosiding seminar nasional

## **ANALISIS PERTANIAN BERBASIS DATA DI DESA SIPONJOT KABUPATEN HUMBANG HASUNDUTAS, SUMATERA UTARA**

MISWAR BUDI MULYA

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2026

Prosiding seminar internasional

## **Analysis of the distribution of mosquitoes (Diptera: Culicidae) and their function as vectors of infectious diseases in Tanjung Beringin District, Serdang Bedagai Regency**

MISWAR BUDI MULYA

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## **Researches**

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2019

Penelitian Unggulan Perguruan Tinggi

## **PERTUMBUHAN DAN LAJU EKSPLOITASI IKAN TERI PEKTO *Stolephorus waitei* DI PERAIRAN SELAT MALAKA KABUPATEN SERDANG BEDAGAI SUMATERA UTARA**

ZULHAM APANDY HARAHAHAP , MISWAR BUDI MULYA , ARLEN H J

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## **Community Services**

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2014

Penelitian Fundamental

## **STRUKTUR POPULASI DAN ASPEK REPRODUKSI UDANG WINDU *Penaeus monodon* DI PERAIRAN**

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