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Publications

2026
Jurnal internasional bereputasi
Indonesia’s new replanting subsidy is insufficient to empower smallholder farmers to replant aging oil palms
DIANA CHALIL

2026
Prosiding seminar internasional
Irrigation, nitrogen fertilizer usage, profitability, and sustainability
DIANA CHALIL , RIANTRI BR BARUS

2025
Jurnal nasional
Beyond Fertilizers and Labor: Understanding Socioeconomic Drivers of Technical Efficiency Among Smallholder Oil Palm Farmers
DIANA CHALIL

2025
Jurnal nasional
Why Do Rice Millers Refuse to Partner With the State? A Socio-Agronomic Perspective From Indonesia’s Agricultural Heartland
DIANA CHALIL

2025
Jurnal nasional terakreditasi
Analysis of Factors Influencing Seed Breeder’s Decisions to Certify Rice Seeds in North Sumatra Province, Indonesia
DIANA CHALIL , TENNI SRI WIDARI

2025
Jurnal nasional terakreditasi
Analisis Integrasi Spasial Pasar Cabai Merah di Provinsi Sumatera Utara
DIANA CHALIL , EDY WARSITO

2025
Jurnal internasional bereputasi
Fostering women’s engagement in good agricultural practices within oil palm smallholdings: Evaluating the role of partnerships
RIANTRI BR BARUS , DIANA CHALIL , MUHAMMAD KHALIQI

2025
Prosiding seminar internasional

Contribution of coffee farming and goat livestock based integration in Karo regency, north Sumatra province

DIANA CHALIL

2024
Prosiding seminar internasional

Does farmer’s institution matter for sustainable certification? case in Indonesia and Malaysian oil palm smallholders

RIANTRI BR BARUS , DIANA CHALIL

2024
Prosiding seminar internasional

Food aid and sustainable development

RIANTRI BR BARUS , DIANA CHALIL

2024
Prosiding seminar internasional

FACTORS INFLUENCING FARMER EMPOWERMENT INTEGRATION OF COFFEE AND GOATS AT STARBUCK'S FOSTERED IN RONGGURNIHUTA DISTRICT, SAMOSIR REGENCY

ALBINA BR GINTING , EDISON PURBA , DIANA CHALIL , NEVY DIANA HANAFI

2024
Prosiding seminar nasional

PERSEPSI PETANI TENTANG LINGKUNGAN INTERNAL DAN EKTERNAL USAHATANI DALAM PEMBERDAYAAN PETANI INTEGRASI KOPI KAMBING DI SUMATERA UTARA

EDISON PURBA , DIANA CHALIL , NEVY DIANA HANAFI

2024
Artikel ilmiah

PERSEPSI PETANI TENTANG LINGKUNGAN INTERNAL DAN EKTERNAL USAHATANI DALAM PEMBERDAYAAN PETANI INTEGRASI KOPI KAMBING DI SUMATERA UTARA

EDISON PURBA , DIANA CHALIL , NEVY DIANA HANAFI

2024
Jurnal nasional terakreditasi

Can Oil Palm Smallholders Become Financially Independent?

DIANA CHALIL , RIANTRI BR BARUS

2024
Jurnal nasional terakreditasi

Can Oil Palm Smallholders Become Financially Independent?

DIANA CHALIL , RIANTRI BR. BARUS S.P. M.SI.

2024
Jurnal internasional

Refining The Summer School Concept for Education in Sustainable Agriculture and The Environment

DIANA CHALIL , Alain Rival

2023
Jurnal internasional bereputasi

Technical Efficiency, Household Income, and Deforestation Mitigation Among Oil Palm Smallholder in South Tapanuli, Indonesia

Y BAYU KRISNAMURTHI , ANISA DWI UTAMI , DIANA CHALIL , RIANTRI BR BARUS , HASNAH

2023
Jurnal internasional bereputasi

Oil palm plantation systems are at a crossroads

DIANA CHALIL

2023
Jurnal internasional bereputasi

Technical Efficiency, Household Income, and Deforestation Mitigation Among

Oil Palm Smallholder in South Tapanuli, Indonesia

DIANA CHALIL , RIANTRI BR BARUS

2023
Jurnal internasional

ECONOMIC ANALYSIS OF CONVERSION OF LAND FUNCTION FOR RICE PICE AGRICULTURE IN SIMALUNGUN DISTRICT (CASE STUDY OF THE VILLAGES OF PAMATANG SIMALUNGUN, RAMBUNG MERAH, KARANG BANGUN AND SIANTAR ESTATE, SIANTAR DISTRICT, SIMALUNGUN REGENCY)

HAMAT SARIF BATUBARA , DIANA CHALIL , SRI FAJAR AYU, SP, MM, DBA

2023
Jurnal nasional terakreditasi

Integrated Reporting Sebagai Upaya Mendorong Industri Kelapa Sawit yang Berkelanjutan

RIANTRI BR BARUS , DIANA CHALIL

2023
Jurnal nasional terakreditasi

Analisis Efektivitas Program Peremajaan Sawit Rakyat Di Kecamatan Nibung Hangus Kabupaten Batubara, Sumatera Utara, Indonesia

SRI FAJAR AYU, SP, MM, DBA , DIANA CHALIL , SONIA RAMADHANI HUTASUHUT

2023
Jurnal internasional

Analysis of Farmersâ€™ Satisfaction Factors on the Use of Palm Oil Sprouts in Indonesian Oil Palm Research Institute (IOPRI)

DIANA CHALIL , ISKANDARINI

2023
Jurnal internasional

ANALYSIS OF FACTORS INFLUENCING THE DECISION OF THE SLICED TAMARIND CRAFTSMENIN AIR HITAM VILLAGE GEBANG DISTRICT

DIANA CHALIL , ISKANDARINI

2023
Book chapter nasional

Peran Perempuan di Rantai Pasok Pertanian

DIANA CHALIL

2023
Book chapter nasional

Specialty: Kopi Indonesia di pasar Global (Indonesia Coffee in the Global Market)

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2023
Book chapter nasional

Specialty: Kopi Indonesia di pasar Global (Indonesia Coffee in the Global Market)

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Book chapter nasional

Specialty: Kopi Indonesia di Pasar Global (Indonesia Coffee in the Global Market)

DIANA CHALIL

2023
Book chapter nasional

Peran Perempuan di Rantai Pasok Pertanian:women in agriculture supply chain

MELINDA R S MOATA , Y BAYU KRISNAMURTHI , DIANA CHALIL

2022
Makalah ilmiah

Belt and Road Initiative and The Potential for Value Chain Improvement

DIANA CHALIL

2022
Jurnal nasional terakreditasi

Dampak Integrasi Tanaman Kopi dengan Budidaya Lebah terhadap Peningkatan Pendapatan dan Produksi Biji Kopi di Kabupaten Simalungun, Sumatera Utara, Indonesia

DIANA CHALIL

2022
Tulisan ilmiah

Business Model and Oil Palm Smallholdersâ€™ income

DIANA CHALIL

2022
Makalah ilmiah

Womenâ€™s Role in the Indonesian Oil Palm Smallholdersâ€™ Household Decision Making

DIANA CHALIL

2022
Jurnal internasional

Analysis of Integration of Coffee Plantations and Goats Farm on Farmerâ€™s Income in The Atu Lintang District Aceh Tengah Regency

DIANA CHALIL

2021
Prosiding seminar internasional

Sustainable Palm Oil and Landscape Program

RIANTRI BR BARUS , DIANA CHALIL

2021
Prosiding seminar internasional

Impact of smallholder inclusivity to the sustainability of the marketing channel

RIANTRI BR BARUS , DIANA CHALIL

2021
Prosiding seminar internasional

The impact of sustainable palm oil management on sustainable landscape

DIANA CHALIL , RIANTRI BR BARUS

2021
Jurnal internasional

Comparative Analysis of CPO Transportation in Sumatera Utara Province

DIANA CHALIL

2021
Jurnal nasional terakreditasi

Improving Processing Market Access of Citronella Oil for Small and Medium Enterprises to Overcome the Impact of Covid19

RIANTRI BR BARUS , DIANA CHALIL

2021
Artikel ilmiah

Analysis of the Attitude, Preference and Satisfaction of Coffee Customers in the Coffee Shop, Takengon City

FADLI , DIANA CHALIL , SATIA NEGARA LUBIS

2020
Prosiding seminar internasional

Is certification an effective tool to improve smallholdingsâ€™ performance?

DIANA CHALIL , RIANTRI BR BARUS

2020

Jurnal internasional

Impact of Use of Certified Seeds on Rice Paddy Farming; Case Study: Kolam Village, Percut Sei Tuan District, Deli Serdang Regency

DIANA CHALIL

2020
Prosiding seminar internasional

Oil Palm Smallholdersâ€™ Inclusiveness Possibility in the Industry 4.0: RSPO Sustainability Certification Case in the Palm Oil Global Supply Chain

DIANA CHALIL , RIANTRI BR BARUS , THOMSON SEBAYANG

2020
Jurnal nasional

Analisis Perbandingan Pendapatan Petani di Desa yang Direlokasi dengan Desa yang Tidak Direlokasi

RIANTRI BR BARUS , DIANA CHALIL

2020
Jurnal internasional bereputasi

Genetic diversity, sequence and bioinformatic analysis of Ganoderma boninense isolates

DIANA CHALIL

2020
Jurnal internasional bereputasi

Genetic diversity and structure of Ganoderma boninense isolates from oil palm and other plantation crops

DIANA CHALIL

2020
Buku referensi

Inclusive and Sustainable Smallholdings in Palm Oil Supply Chain

RIANTRI BR BARUS , DIANA CHALIL

2019
Jurnal nasional

Distribution Strategy of Subsidized Fertilizer in Smallholder Oil Palm Plantation at Air Batu Subdistrict, Asahan District, North Sumatra

DIANA CHALIL

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Jurnal nasional

Distribution Strategy of Subsidized Fertilizer in Smallholder Oil Palm Plantation at Air Batu Subdistrict, Asahan District, North Sumatra

DR IR RAHMANTA GINTING MSI , DIANA CHALIL

2019
Prosiding seminar internasional

The Impact of Oil Palm Plantations on Local and Migrant Smallholders Income

DIANA CHALIL

2019
Jurnal nasional

Smallholders' Palm Oil Certification: The Impact On Sustainable Development And Livelihood

DIANA CHALIL , RIANTRI BR BARUS

2019
Jurnal nasional

Efficiency and Marketing Margins Estimation of Oil Palmâ€™s Fresh Fruit Bunches (FFB) in Labuhanbatu Utara and Asahan Regency

DIANA CHALIL

2019
Jurnal nasional terakreditasi

Efficiency and Marketing Margins Estimation of Oil Palm’s Fresh Fruit

Bunches (FFB) in Labuhanbatu Utara and Asahan Regency

SURYA ABADI SEMBIRING , DIANA CHALIL

2019
Prosiding seminar internasional

DNA extraction from Ganoderma isolates of PT Socfindo collections

DIANA CHALIL

2019
Jurnal nasional terakreditasi

Risk Analysis for Sustainability of Oil Palm Smallholdings

DIANA CHALIL

2019
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Analysis of Smallholdersâ€™ Progress in Implementing Sustainable Management in North Sumatra, Indonesia

DIANA CHALIL

2019
Jurnal nasional terakreditasi

Analysis of Smallholdersâ€™ Progress in Implementing Sustainable Management in North Sumatra, Indonesia

RIANTRI BR BARUS , DIANA CHALIL

2019
Jurnal internasional bereputasi

Expression of Oil Palm (Elaeis guineensis) Polyisoprenoids in Response to Ganoderma boninense Infense

DIANA CHALIL

2018
Jurnal nasional terakreditasi

ANALISIS RISIKO PRODUKSI PADI DALAM PENGEMBANGAN ASURANSI USAHATANI PADI (AUTP) DI DESA PANCA ARGA, KECAMATAN RAWANG PANCA ARGA, KABUPATEN ASAHAN

DIANA CHALIL , SRI FAJAR AYU, SP, MM, DBA

2018
Prosiding seminar internasional

Smallholders' willingness to pay for dura marking oil palm seeds

RIANTRI BR BARUS , MOHAMMAD BASYUNI , DIANA CHALIL , LOLLIE AGUSTINA P

2018
Jurnal nasional terakreditasi

The Sustainabilty of Indonesia Pakistan Palm Oil Supply Chain

DIANA CHALIL , RIANTRI BR BARUS

2018
Prosiding seminar internasional

Questioning the sustainable palm oil demand: case study from French-Indonesia supply chain

RIANTRI BR BARUS , DIANA CHALIL

2014
Prosiding seminar nasional

Pengelolaan Limbah Padat Feses pada Masyarakat Peternak Sapi Potong di Kabupaten Asahan

TATI VIDIANA SARI , DIANA CHALIL , NEVY DIANA HANAFI , ELISA JULIANTI

2014
Buku referensi

Analisis Data Kualitatif: Teori dan Aplikasi dalam Analisis SWOT, Model Logit, dan Structural Equation Modeling (Dilengkapi dengan Manual SPSS dan Amos)

RIANTRI BR BARUS , DIANA CHALIL

2010
Buku referensi

Upaya Meretas Langkah Menggalang Aspirasi, Menuju Kebangkitan Subsektor Pangan, Hortikultura dan Perkebunan di Kabupaten Simeulue

DIANA CHALIL , YUSAK MARYUNIANTA

Researches

2025

Kajian Peta Bisnis Pengembangan Kawasan Peternakan Kambing dan Domba di Kabupaten Asahan

ACHMAD SADELI , DIANA CHALIL , DIAN TRIA FATMILA , RIANTRI BR BARUS , ADITYA ALAMSYAH ZICO

2024

Menerapkan Prinsip Korporasi Petani pada Usahatani Rakyat: Kajian Komparatif Pada Food Estate dan Perkebunan Sawit Rakyat

DIANA CHALIL , RIANTRI BR BARUS

2023

Dampak Pengadaan Beras Bulog terhadap Masyarakat Penerima Manfaat dan Stabilisasi Harga Beras

DIANA CHALIL , RIANTRI BR BARUS

2022

Study on Smallholders Characteristic, Welfare, Business Model, and SDG Achievements

DIANA CHALIL , RIANTRI BR BARUS

2022

Kajian Supply Chain Bahan Baku Pabrik Bioethanol 50 kta

DIANA CHALIL , RIANTRI BR BARUS

2021

Study on Smallholders' Characteristic, Welfare, Business Model, and SDG Achievements

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2021
Penelitian Strategis Nasional

Analisis Dampak Program Sawit Berkelanjutan (Sustainable Palm Oil) terhadap Lanskap yang Berkelanjutan (Sustainable Landscape)

DIANA CHALIL , RIANTRI BR BARUS

2021
Kerjasama Luar Negeri dan Publikasi Internasional

Analisis Proses Pengambilan Keputusan dalam Rumah Tangga Pekebun Sawit Rakyat di Indonesia (Understanding Decision Making Process of Oil Palm Smallholders in Indonesia)

DIANA CHALIL , RIANTRI BR BARUS

2020

Integrated Reporting Sebagai Upaya Mendorong Industri Kelapa Sawit Yang Berkelanjutan

DIANA CHALIL , RIANTRI BR BARUS

2020

Analisis Dampak Program Sawit Berkelanjutan (Sustainable Palm Oil) terhadap Lanskap yang Berkelanjutan (Sustainable Landscape)

DIANA CHALIL , RIANTRI BR BARUS

2020

Potensi, Biaya dan Manfaat Sertifikasi ISPO Sebagai Alat Pencapaian Perkebunan Sawit Rakyat yang Berkelanjutan

DIANA CHALIL , RIANTRI BR BARUS

2019

Dimensi Sosial Ekonomi Penanaman Kembali (Replanting) Kelapa Sawit Menuju Pengusahaan Sawit Berkelanjutan

DIANA CHALIL , RIANTRI BR BARUS

2019

Enhancing Oil Palm Smallholdersâ€™ Yields: Investigation on the impacts of RSPO certification on smallholdersâ€™ practices in Indonesia: a preliminary study

DIANA CHALIL , RIANTRI BR BARUS

2019

Analisis Inklusivitas dan Dampak Kesejahteraan Pekebun Sawit dengan Manajemen Bentang Alam (Lanskap)

DIANA CHALIL , RIANTRI BR BARUS

2019

Distribution Strategy of Subsidized Fertilizer in Smallholder Oil Palm Plantation at Air Batu Subdistrict, Asahan District, North Sumatra

DIANA CHALIL , DR IR RAHMANTA GINTING MSI

2018

Standar Beban Kerja dan Target Kerja Pemanen Kelapa Sawit

DIANA CHALIL , RIANTRI BR BARUS

2015
Penelitian Strategis Nasional

Integrasi Pasar CPO dan Dampaknya terhadap Pendapatan Pekebun Sawit Rakyat

ZAHARI ZEN , DIANA CHALIL , RIANTRI BR BARUS

2013
Penelitian Strategis Nasional

Analisis Implementasi Kesepakatan RSPO Pada Perkebunan Sawit Rakyat

DIANA CHALIL , RIANTRI BR BARUS

Community Services

2019

Program Pengenalan "Sawit dan Lingkungan Hidup" bagi Mahasiswa Universitas Tasmania, Australia

RUDY SOFYAN , DIANA CHALIL , TULUS , ESTHER SORTA MAULI NABABAN , HASANUDDIN , RIANTRI BR BARUS

2017

Pelatihan Petani Perkebunan Sawit Rakyat Kabupaten Labuhanbatu

DIANA CHALIL , RIANTRI BR BARUS

2016

PelatihanPetani Perkebunan Sawit Rakyat Kabupaten Labuhanbatu Selatan

DIANA CHALIL , RIANTRI BR BARUS

2012
Ipteks Bagi Kewirausahaan

Ipteks bagi Kewirausahaan (IbK) di Universitas Sumatera Utara