

Ir. Revandy Iskandar Muda Damanik, MSi.,M.Sc., Ph.D

Dosen Program Studi S1 Agroteknologi
Fakultas Pertanian
Universitas Sumatera Utara

✉ revandy.iskandar@usu.ac.id

🏢 Lantai 2 Gedung Induk Fakultas Pertanian USU

🌐 fp.usu.ac.id/id/dosen/revandy-iskandar-muda

Ir. Revandy I. M. Damanik, M.Sc., Ph.D., lahir di Medan pada 19 November 1968, adalah seorang dosen Agroteknologi yang memiliki keahlian khusus dalam Plant Biotechnology dan Abiotic Plant Stress di Universitas Sumatera Utara.

Riwayat Pendidikannya:

- S1 Agronomi di Fakultas Pertanian Universitas Sumatera Utara
- S2 Budidaya Hutan di Fakultas Kehutanan Institut Pertanian Bogor dan di Faculty of Biotechnology, Wageningen University
- S3 di Faculty of Biotechnology, Universiti Putra Malaysia (UPM)

Dengan latar belakang pendidikan yang luas dan spesialisasi dalam bioteknologi tanaman serta ketahanan tanaman terhadap stres abiotik, Ir. Revandy Damanik memberikan kontribusi yang signifikan di bidang Agroteknologi. Profilnya mencerminkan komitmen terhadap pengembangan ilmu pengetahuan dan pembelajaran di tingkat universitas serta dedikasinya terhadap riset dan inovasi di dunia pertanian.

Publications

2026

Prosiding seminar internasional

Identification of morphological characters and kinship relationships of candlenut plants (*Aleurites moluccana*) in Karo regency

REVANDY I M DAMANIK

2024

Prosiding seminar internasional

Analysis of molecular genetic diversity of *Nephelium lappaceum* L. plant in North Sumatra using RAPD markers

REVANDY I M DAMANIK , RICHARD YOSWAN

2024

Prosiding seminar internasional

Effect of waterlogging, GA3 and BAP on the growth and production of several soybeans' varieties *Glycine max* L. Merrill plant

REVANDY I M DAMANIK , SARAH SAFIRA

2024

Prosiding seminar internasional

Protein Modelling of The Oil Palm (*Elaeis guineensis* Jacq.) Lipase Genes using Phyre2 and Swiss-model

MOHAMMAD BASYUNI , REVANDY I M DAMANIK

2024

Prosiding seminar internasional

Analysis of secondary metabolites through callus cell suspension culture of black cumin (*Nigella sativa* L.) with PGR combination on MS media

FADILA NUR AZMI , REVANDY I M DAMANIK

2024
Prosiding seminar internasional

Development of the vegetative period under salinity stress in several upland rice varieties

SHERLIANA ZAHARA , REVANDY I M DAMANIK

2023
Prosiding seminar internasional

Production of biomass and flavonoids in black cumin tissue culture

MIFTAHUL JANNAH , REVANDY I M DAMANIK

2023
Jurnal nasional terakreditasi

Response of various growth regulators and shade intensity to the growth of arabica coffee seedlings of Sigarar Utang variety

REVANDY I M DAMANIK

2023
Prosiding seminar internasional

Growth of arabica coffee seeds (Coffea arabica L.) Sigarar Utang Variety as a response of treatment of various growth regulators and types of shade

CHAIRANI HANUM L , REVANDY I M DAMANIK , LOKO JEREMIA SEMBIRING

2021
Prosiding seminar internasional

The phenotypic appeal of lily (Lilium longiflorum Thunb.) prompted mutation by colchicine

REVANDY I M DAMANIK

2021
Prosiding seminar internasional

The response of morphological characteristics of some Soybean Varieties (Glycine max (L.) Merrill) a vegetative phase in waterlogging condition

REVANDY I M DAMANIK

2021
Prosiding seminar internasional

Genetic diversity based on molecular analysis for Asam Gelugur (Garcinia atroviridis griff. ex t. anders) some districts in North Sumatra

EVA SARTINI BAYU , REVANDY I M DAMANIK

2021
Prosiding seminar internasional

Morphology identification and description of coffee plants (Coffea sp) in Karo District

REVANDY I M DAMANIK

2021
Prosiding seminar internasional

The phenotypic appeal of lily (Lilium longiflorum Thunb.) prompted mutation by colchicine

REVANDY I M DAMANIK

2020
Prosiding seminar internasional

Productivity of soybean varieties (Glycine max (L.) Merrill) in vegetative phases V 4 and generative phases R classified waterlogged conditions by application of GA 3 and Salicylic Acid (SA)

REVANDY I M DAMANIK , WILBERT IGNATIUS C G

2019
Prosiding seminar internasional

Quantity and Quality Test of DNA Soybean Mutant Lines (Glycine max L. Merrill) Resistant Athelia rolfsii Curzi

ANGGRIA LESTAMI , REVANDY I M DAMANIK , DIANA SOFIA HANAFIAH

2019
Prosiding seminar internasional

Growth and production of soybean (*Glycine max L. Merrill*) varieties in response to waterlogging at vegetative (V_5) growth phase by application of gibberellic acid and salicylic acid

REVANDY I M DAMANIK

2018
Prosiding seminar internasional

Effects of hypoxia condition in embryogenic callus growth of soybean cell culture

REVANDY I M DAMANIK

2012
Jurnal internasional bereputasi

Response of antioxidant systems in oxygen deprived suspension cultures of rice (*Oryza sativa L.*)

REVANDY I M DAMANIK

2010
Jurnal internasional bereputasi

Responses of the antioxidative enzymes in Malaysian rice (*Oryza sativa L.*) cultivars under submergence condition

REVANDY I M DAMANIK

Researches

2022
Pendidikan Magister Doktor Sarjana Unggul

Pertumbuhan Bibit Kopi Arabika (*Coffea arabica L.*) Varietas Sigarar Utang Sebagai Respon Pemberian Berbagai Macam Zat Pengatur Tumbuh Dan Jenis Naungan

REVANDY I M DAMANIK , CHAIRANI HANUM L , LOKO JEREMIA SEMBIRING
