

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

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Revandy I. M. Damanik, M.Sc., Ph.D., born in Medan on November 19, 1968, is an Agrotechnology lecturer who has special expertise in Plant Biotechnology and Abiotic Plant Stress at the Universitas Sumatera Utara.

His Education History:

- Undergraduate Program in Agronomy at the Faculty of Agriculture, Universitas Sumatera Utara.
- Masters Program in Forest Cultivation, Faculty of Forestry, Institut Pertanian Bogor, and in Faculty of Biotechnology, Wageningen University.
- PhD at Faculty of Biotechnology, Universiti Putra Malaysia (UPM)

With a broad educational background and specialization in plant biotechnology and plant resistance to abiotic stress, Ir. Revandy Damanik has made significant contributions to the field of Agrotechnology. His profile reflects his commitment to the development of science and learning at the university level and his dedication to research and innovation in agriculture.

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

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2021

Prosiding seminar internasional

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

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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

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2021

Prosiding seminar internasional

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

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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
