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PUBLICATION & CONFERENCE EXPERIENCE

- Princess Angel U.M., Yohanes A.R. Langi, & Rinancy Tumilaar. (2021). SEIQR Model Analysis of COVID-19 Transmission Considering Vaccination Rate. *ICON-SMART Proceedings*, 1, 61-69
- Rivaldo Andika Kaligis, Yohanes A.R. Langi, Rinancy Tumilaar. (2021). SEIR Model Analysis of Coronavirus Disease 2019 (Covid-19) Transmission Considering Vaccination Rates. *ICON-SMART Proceedings*, 1, 70-75
- Yohanes AR Langi, Tohap Manurung, Christie Montolalu, Rinancy Tumilaar, Martina Langi. (2023). Sustainable harvest system optimization model of cempaka tree (*Elmerillia* sp.) in carbon trade scenario. *AIP Conference Proceedings*.
- Yohanes Andreas Robert Langi, Altien Jonatan Rindengan, Charles Eferaim Mongi, Rinancy Tumilaar, Martina Langi. (2019). Optimal Model to Estimate Biomass and Carbon Stock at Agroforestry Stand Cempaka (*Elmerillia* Sp) in Minahasa District. *International Journal of Recent Technology and Engineering (IJRTE)*, Volume-8 Issue-2S7, 169-172.
- Septa Windy Nitalessy, Mans Lumiu Mananohas, Rinancy Tumilaar, Angelina Patricia Amanda, Tesalonika Angela Tumey. (2022). Maximum Distance Separable (MDS) Matrix of size $m \times m$ over Z_q . *Jurnal MIPA*, Volume 11(2), 56-61
- S E Chungdinata, C E J C Montolalu, M L Mananohas, R Tumilaar, N Nainggolan, A J Rindengan, Y A R Langi. (2019). Optimization of coral reef conservation based on coral larval dispersion using hamiltonian path (case study: Bunaken National Park). *IOP Conference Series: Materials Science and Engineering* 567 (1), 012014
- Asmaidi, Taqiri Kamal Mulyadi, Desi Febriani Putri, & Rinancy Tumilaar. (2023). SEIRS Type Mathematical Model Simulation (COVID19 Case). *Jurnal Inotera*, 8(2), 359-366.
- Fauzi, A.A., Ridwan, L. M., Putri, D. F., Tumilaar, R. Asmaidi, Raming, I. (2024). Natural Cubic Spline Method as a Method in Constructing a Life Table in Gegelang Village West Lombok. *Eigen Mathematics Journal*, 7(1), 56-60.

RESEARCH INTEREST

- Applied Mathematics
- Mathematical Modeling

FORMAL EDUCATIONS

S1 (Mathematics)

Sam Ratulangi University, Indonesia,
Graduate 2010

S2 (Mathematics)

IPB University, Indonesia,
Graduate 2014

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