



Taufiq Iskandar, S.Si., M.Si

Position	Research Interest: Ethnomathematics Teaching Responsibilities: Teaching in the Mathematics Department: Bachelor of Mathematics Study Program
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Academic Career	Doctoral Course: Universitas Syiah Kuala, Indonesia-Doctoral Candidate in Mathematics and Applied Sciences (DMAS) ; Magister Course: Universitas Sumatera Utara, Indonesia-Mathematics (2007-2009); Bachelor Course: Universitas Syiah Kuala, Indonesia-Mathematics (1989-1994)
Employment	Department Secretary in Mathematics Department FMIPA – USK (1998-2001); Department Secretary in Mathematics Department FMIPA – USK (2010-2012); Vice Dean for Administration FMIPA – USK (2012-2020); Associate Professor in Mathematics Department FMIPA - USK (2011 - Present); Lecturer in Mathematics Department FMIPA – USK (1995-2011)
Research and development projects (last 5 years)	1. Riemann Integral versus Geometric Series in Natural Logarithmic Calculation: A Strategy to Enhance Student Competency for Sustainable Technology and Innovation. Self-funding Research/2023. 2. The Influence of El Niño and the Indian Ocean Dipole on Mixed Layer Depth, Wind, and Chlorophyll-a in the Waters Around Aceh During 1999–2023/Fundamental Research/IDR127.390.000/2024.
Patents and proprietary rights	Copyright (Hak Cipta): Web-Based EWMP Information System Application; Metadata of the EWMP Information System.
Publications (last 5 years)	1. Irvanizam, Tarmizi, Muhd Iqbal, Taufiq Iskandar, Marzuki (2020) An Extended Fuzzy TODIM Approach for Multiple-Attribute Decision-Making with Dual-Connection Numbers/Advances Fuzzy Systems. 2. Taufiq Iskandar, Muhammad Ikhwan, Yudi Haditir, Syamsul Rizal (2022) Numerical studies of free convection in ocean using a 2D-model/Songklanakarin Journal of Science and Technology. 3. Ikhsan Maulidi, Taufiq Iskandar, Nurbahari, Alim Misbullah, Vina Apriliani (2023) Bühlmann's Credibility Model with Claims of Negative Binomial and 2-Poisson Distribution/CAUCHY: Jurnal Matematika Murni dan Aplikasi. 4. Ikhsan Maulidi, Taufiq Iskandar, Annisa Zahara, T. Murdani Saputra (2023) Semiparametric Bühlmann Credibility with Poisson-Distributed Claims/Transcendent Journal of Mathematics and Applications 5. Taufiq Iskandar, Salmawaty, Marwan Ramli, Hizir Sofyan, Muhammad Ikhwan (2024) Effect of free convection on surface ocean currents: A case study of shallow waters/AIP Conference Proceedings 6. Hidayat, M. N., Wafdan, R., Hidayat, M. N., Wafdan, R., Taufiq Iskandar, Dewi, C. D., Nurhayati, N., Ramli, M., ... & Rizal, S. (2025). The influence of El Niño-Southern Oscillation and the Indian Ocean Dipole on chlorophyll-a in the Aceh waters during 1999–2023/International Journal of Remote Sensing.
External link	http://fsd.usk.ac.id/taufiqiskandar/