



## RESEARCHER PROFILE

Scopus<sup>®</sup> 6507671278

ORCID 0000-0002-0545-4437

Google scholar MUHAMMAD SUZURI HITAM

## EDUCATION

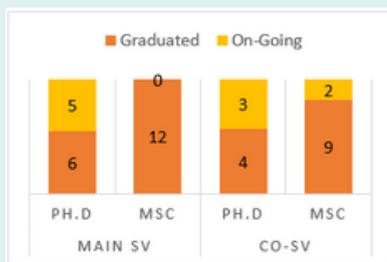


- PhD in 1997, University of Leeds, United Kingdom
- BTech (Hons) in 1993, Universiti Sains Malaysia

## AREAS OF EXPERTISE

- Image Processing
- Artificial Intelligence

## SUPERVISION



## COLLABORATORS



# TS. DR. MUHAMMAD SUZURI HITAM

## PROFESSOR

Prof. Ts. Dr. Muhammad Suzuri research focuses on developing advanced AI algorithms for image recognition, enhancement, and analysis, particularly in areas like image retrieval, marine science and industrial application. He has contributed to improving image processing techniques that assist in various practical applications, including pattern recognition and automated systems.

## CONTACT

+6019-9803489

suzuri@umt.edu.my

fskm.umt.edu.my

## SELECTED RESEARCH PROJECTS

- ✓ Project leader for FRGS entitled "A New Approach for Image Retrieval Based on Image Pattern Replication". Amount awarded RM89,900.00. (April 2013 – April 2016).
- ✓ Project leader for e-ScienceFund Research Grant (01-01-12-SF0076) entitled "Development of an Intelligent Web Based Tour Planner System". Project Leader. Amount awarded RM225,900. (December 2008 – July 2010).
- ✓ Project Leader for Long term IRPA research grant entitled "Development of a Remotely-Operated Vehicle (ROV) System For Underwater Inspection and Data Acquisition". Amount awarded RM 507, 000.00 (December 2002 – November 2005).

## SELECTED PUBLICATIONS

- ✓ Muqaddas Abid, **Muhammad Suzuri Hitam**, Rozniza Ali, Hamed Azami and Anne Humeau-Heurtier, Bidimensional Increment Entropy for Texture Analysis: Theoretical Validation and Application to Colon Cancer Images, Entropy, 2025, 27(1),80.
- ✓ Mohammad Amyruddin Shamsuddin, Wan Nural Jawahir Hj Wan Yussof, **Muhammad Suzuri Hitam**, Ezmahamrul Afreen Awalludin, Muhammad Afiq-Firdaus Aminudin, Zainudin Bachok, Comparison of YOLOv7, YOLOv8, and YOLOv9 for Underwater Coral Reef Fish Detection, Asia-Pacific Journal of Information Technology and Multimedia, 2024, 13(2), pp. 204–220.
- ✓ Hashim Rosli, Rozniza Ali, **Muhamad Suzuri Hitam**, Ashanira Mat Deris, Deep Learning for Overlapping Objects Detection with Noise: A Bibliometric Analysis, Asia-Pacific Journal of Information Technology and Multimedia, 2024, 13(2), pp. 232–252.
- ✓ Ahmad Mustafa Ali Al Masri, **Muhammad Suzuri Hitam**, Wan Nural Jawahir Hj Wan Yussof, Atallah Al-Shatnawi, Novel Algorithm for Baseline Detection of Offline Arabic Handwritten Text Recognition, Journal of Advanced Research in Applied Sciences and Engineering TechnologyThis link is disabled., 2024, 37(1), pp. 56–68.
- ✓ Ezmahamrul Afreen Awalludin, Wan Nural Jawahir Hj Wan Yussof, Zainudin Bachok, Muhammad Afiq Firdaus Aminudin, Mohd Safuan Che Din, **Muhammad Suzuri Hitam**, Monitoring climate change effects on coral reefs using edge-based image segmentation, International Journal of Electrical and Computer EngineeringThis link is disabled., 2024, 14(1), pp. 398–408.

*"Finding the truth, holding to the truth and be closed to the All-Mighty Allah."*