



UNIVERSITI  
TEKNOLOGI  
MARA

# RMU e-Bulletin



**Volume 2 (2024)**

**Research Management Unit**  
Universiti Teknologi MARA Cawangan Kedah

**Copyright@** is held by the owners/authors. The e-Bulletin RMU4U is published in its original version without editing the content. However, language editing and proofreading have been conducted by the language editor with permission from the authors.

The views, opinions, and technical recommendations expressed by the contributors are entirely their own and do not necessarily reflect the views of the editors, the faculty, or the university.

**Editors :** Azyyati Anuar (Dr)  
Azlyn Ahmad Zawawi (Assoc Prof Dr)  
Mohd Faizal Jamaludin (Dr)  
Rohayati Hussin (Dr)

**Language Editor :** Nur Syazwanie Mansor (Dr)  
Siti Mukhlisa Mohamad Khairul Adilah  
Berlian Nur Morat (Dr)  
Nor Asni Syahriza Abu Hassan  
Nadira M. Jahaya  
Fatin Raihana Ahmad Sani

**Design Editor:** Shafilla Subri (Dr)  
Juaini Jamaludin

**eISSN :** 2805-47 5X

**Published by :** Universiti Teknologi MARA  
08400 Merbok, Kedah Malaysia

**Printed by :** Perpustakaan Sultan Badlishah  
Universiti Teknologi Mara Cawangan  
Kedah  
08400 Merbok Kedah

e ISSN 2805- 47 5X



9772805 475 000

# Table of → Contents

**05**

Editorial Note

**07**

Business, Accounting  
& Financial

**39**

Law & Policy

**55**

IR 5.0

**84**

Literature & Culture

**98**

Islamic Scholar  
Quote

**101**

Designer's Thoughts

# SECRETARIAT EDITORIAL RMU4U

Patron:

**Prof. Dr Roshima Haji Said**  
Rector UiTM Cawangan Kedah

Advisory Boards:

**Assoc. Prof. Dr Mohd Rizaimy  
Shaharudin**

Deputy Rector Division of  
Research, Industrial Linkages,  
Community & Alumni

**Dr Junaida Ismail**

Deputy Rector Academic Affairs

**Assoc. Prof. Dr. Noor Zahirah  
Mohd Sidek**

Secretary:

**Noraini Awang**

Editorial Technical Team:

**Reza Irwan Othman**  
**Mohammad Fikri Abdullah**



**DR. AZYYATI  
ANUAR**

Chief Editor



**ASSOC. PROF. DR.  
AZLYN AHMAD  
ZAWAWI**

Assistant  
Editor-in-Chief



**DR. ROHAYATI  
HUSSIN**

Managing Editor



**DR. MOHD FAIZAL  
JAMALUDIN**

Managing Editor



**DR. NUR SYAZWANIE  
MANSOR**

Managing Editor



**ASSOC. PROF. DR. TS.  
ABD. LATIF ABDUL  
RAHMAN**

Editor



**DR. AHMAD AFIF  
AHMAROFI**

Editor



**DR. NURUL 'AYN  
AHMAD SAYUTI**

Editor



**DR. HAFIZAH BESAR  
SA'AID**

Editor



**DR. NOOR SYAHIDAH  
MOHAMAD AKHIR**

Editor



**SITI MUKHLISA MOHAMAD  
KHAIRUL ADILAH**

Language Editor



**DR. BERLIAN NUR  
MORAT**

Language Editor



**DR. SHAFILLA SUBRI**

Graphic Designer



**JUAINI JAMALUDIN**

Graphic Designer



# Embracing Innovation and Discourse: A Message from the Rector



Esteemed colleagues, students, and friends of UiTM Kedah Branch,

I am pleased to announce the launch of the second edition of the **RMU4U E-Bulletin**. This publication showcases the intellectual energy and a wide range of expertise that have bloomed within our esteemed university.

The 38 articles presented in this issue exemplify a remarkable spectrum of scholarly inquiry. From insightful legal studies to captivating cultural reflections, from thought-provoking discussions on business and finance to explorations of the ever-evolving technological landscape, the **RMU4U E-Bulletin** offers a glimpse into the minds that are shaping the future. This e-bulletin is more than just a collection of articles; it is a platform for discourse, a springboard for critical thinking, and a catalyst for innovation. By engaging with the diverse perspectives presented here, we can cultivate a deeper understanding of the complex issues facing our world today.

I am particularly heartened by the focus on the transformative power of technology. Discussions on Industrial Revolution 5.0 and the integration of AI serve as crucial reminders of the need to embrace innovation and equip ourselves with the skills to navigate the rapidly changing landscape. The articles on learning methodologies, from self-directed learning to mobile-assisted language acquisition, further underscore UiTM Kedah's commitment to providing our students with the tools and resources they need to thrive in the 21st century.

To our esteemed contributors, I extend my sincere gratitude for sharing your valuable insights and expertise. Your dedication is what fuels the intellectual engine of our university.

To our readers, I encourage you to delve into the articles, engage with the ideas presented, and later share your perspectives. Let this e-bulletin be the spark that ignites lively dialogues and fosters a culture of continuous learning within our university community.

Together, let us leverage the power of knowledge and innovation to shape a brighter future.

Sincerely,

*Prof. Dr. Rohima Sa'id*

Rector, UiTM Kedah



# A Message from the Chief Editor

Dear Readers,

Welcome to the second issue of the RMU4U E-Bulletin from UiTM Kedah. I am excited to present 38 insightful articles that showcase the diverse academic interests and expertise within our university. Each article brings a unique perspective, contributing to a rich array of knowledge and ideas.

In this issue, our contributors have explored a wide range of subjects. We have compelling legal studies on topics such as home-schooling and child marriage, alongside cultural reflections that delve into the Semai heritage and contemporary Malaysian art. These pieces highlight the importance of preserving and understanding our cultural and societal norms.

Our business and finance section offers fresh insights into the gig economy, the integration of AI in accounting, and the nuances of tax compliance. These articles provide a closer look at the evolving economic landscape and the challenges and opportunities it presents.



Technological innovation is another prominent theme, with discussions on Industrial Revolution 5.0, the critical role of information professionals, and the integration of AI in education. These articles underscore the rapid pace of technological change and its impact on various sectors.

We also feature thought-provoking pieces on self-directed learning, mobile-assisted English learning, and the transformative power of social media in libraries. These articles explore the intersections of technology, education, and communication, offering valuable insights into modern learning environments. Our goal with this e-bulletin is to foster a deeper understanding and spark meaningful conversations among our readers. We hope that the knowledge and ideas shared here will inspire and engage you.

A heartfelt thank you to all our contributors for their hard work and dedication. And to our readers, thank you for your continued support and interest in the RMU4U E-Bulletin.

Happy reading!  
Warm regards,

Dr Azyyati Anuar  
Chief Editor, RMU4U E-Bulletin



# Water Waqf Potential as an Alternative Water Supply Source

**Noor Syahidah Mohamad Akhir & Azrul Shahimy Mohd Yusof**

Academy of Contemporary Islamic Studies, Universiti Teknologi MARA, Cawangan Kedah, Kampus Sungai Petani, Kedah, Malaysia,

[noorsyahidah9177@uitm.edu.my](mailto:noorsyahidah9177@uitm.edu.my) & [azrulshahimy@uitm.edu.my](mailto:azrulshahimy@uitm.edu.my)

The historical utilization of water endowment, or "waqf", traces back to the era of the Prophet Muhammad (SAW). This practice was catalyzed by a water scarcity incident in Madinah, juxtaposed with the established tradition of consuming Zam Zam water in Makkah among the Muhajirin. Within Madinah, access to potable water was confined to a single well known as the Raumah well, under the ownership of a Jewish individual (Aemy bin Aziz, 2022). The local populace was compelled to endure prolonged queues and exorbitant pricing to procure clean water from this source. Consequently, in pursuit of communal welfare, one of the esteemed companions of the Prophet Muhammad (SAW), namely Saidina Uthman bin Affan (RA), endeavored to acquire ownership of the well.

Initially, despite being offered a substantial sum, the Jewish proprietor hesitated to divest ownership of the well, fearing a loss of revenue. In response, Saidina Uthman bin Affan (RA) proposed a novel arrangement in which ownership of the well would alternate between himself and the Jew on a daily basis (Abdul Halim Ramli & Kamarulzaman Sulaiman, 2006). Subsequently, Saidina Uthman (RA) advised the inhabitants of Madinah to procure a two-day water supply, as the following day ownership of the well would revert to the Jew, necessitating water purchase. On the designated day, the Jew observed a notable absence of patrons seeking water, prompting a renewed negotiation with Saidina Uthman (RA), culminating in the full sale of the well.

Saidina Uthman (RA) acquired the well as a waqf, thereby facilitating its communal utilization for the benefit of Madinah's residents (Siti Mashitoh Mahamod, 2007).

Presently, contemporary shifts in global and local contexts have precipitated alterations in both the quantity and quality of water resources. Factors including global climate fluctuations, conflict-induced crises, water source contamination, economic disparities, and geographic topographies collectively challenge the sustainability of water reserves (Rasyikah Md. Khalid et al., 2021). Among the strategies proposed to address this challenge is the widespread deployment of water wells. The efficacy of well implementation has been underscored, particularly in resource-constrained regions such as Cambodia, Sudan, Uganda, Ethiopia, and Nigeria, as well as in conflict-affected nations like Yemen, Syria, and Palestine. Additionally, geographical characteristics, notably in the Middle East and Sub-Saharan Africa, further complicate water acquisition (Rasyikah Md. Khalid, 2021).

Image Source : Canva



The adoption of privately or communally owned well construction initiatives, including those financed through waqf arrangements is evident in Malaysia, primarily in rural or suburban settings. Consequently, the establishment of waqf wells represents a noteworthy proactive measure in confronting water scarcity challenges. Noteworthy water-related issues in Malaysia, including river pollution, escalating water demand, and overreliance on surface water sources advocate the adoption of waqf wells due to the inherent advantages of groundwater (Norul Huda Bakar, 2021). Groundwater, being naturally filtered through soil, sand, and rock layers, offers a source of clean water which is impervious to fluctuations in rainfall distribution, thus ensuring resilience, particularly during dry spells (Rasyikah Md. Khalid et al., 2021; Norul Huda Bakar, 2021).

Waqf water initiatives hold promise as an alternative water source, particularly within the Malaysian context. Historical precedents in Islamic tradition attest to the societal benefits engendered by waqf water projects. Advocacy efforts to promote awareness and garner support for waqf water initiatives should be intensified to mobilize public engagement and foster increased contributions to waqf funds.

#### References

- Aziz, A., Ismail, S. B., Ibrahim, M. A. B., & Ismail, M. S. I. B. (2022). Inisiatif Pelaksanaan Wakaf Air Di Malaysia: Pembangunan Dan Pelaksanaan Dari Tahun 2020-2022. *Journal of Islamic*, 7(45), 81-90.
- Ramli, A.H. & Sulaiman, K. (2006). "Pembangunan Harta Wakaf : Pengalaman Negara-Negara Islam" (Kertas kerja dibentangkan di Konvensyen Wakaf 2006 di Hotel Legend, Kuala Lumpur, 12-14 September 2006).
- Mahamod, S.M. (2007). Pembentukan Dana Wakaf Menurut Perspektif Syariah Dan Undang-Undang Serta Aplikasinya Di Malaysia. *Jurnal Syariah*. Jil. 15. Bil. 2.
- Md. Khalid, R., A. Ghani, M.A.A, Jalaludin, M. Z., Ab Rahman, S., Yaacob, N.A. (2021). Waqaf Air dan Isu Perundangan di Malaysia. *Journal Islamiyyat*. 43 (Isu Khas) : 165 – 172.
- Bakar, N. H., & Rahman, N. S. A. (2021). Wakaf Telaga Sebagai Sumber Air Alternatif: Suatu Tinjauan Buku Dasar Sumber Air negara, 2012, [https://www.kasa.gov.my/resources/air/2012\\_dasar\\_sumber\\_air\\_negara.pdf](https://www.kasa.gov.my/resources/air/2012_dasar_sumber_air_negara.pdf), 14 Jun 2023.

#### Biodata of authors

Noor Syahidah Mohamad Akhir is a Senior Lecturer at the Academy of Contemporary Islamic Studies, Universiti Teknologi MARA, Kedah Branch. She obtained her PhD in History and Islamic Civilization from University of Malaya in 2014.

Azrul Shahimy Mohd Yusof is a Lecturer at the Academy of Language Studies, Universiti Teknologi MARA, Kedah Branch. He holds a Master's degree in Linguistics and English Language Studies. Current research interest includes AI-assisted learning, endangered languages and waqf.

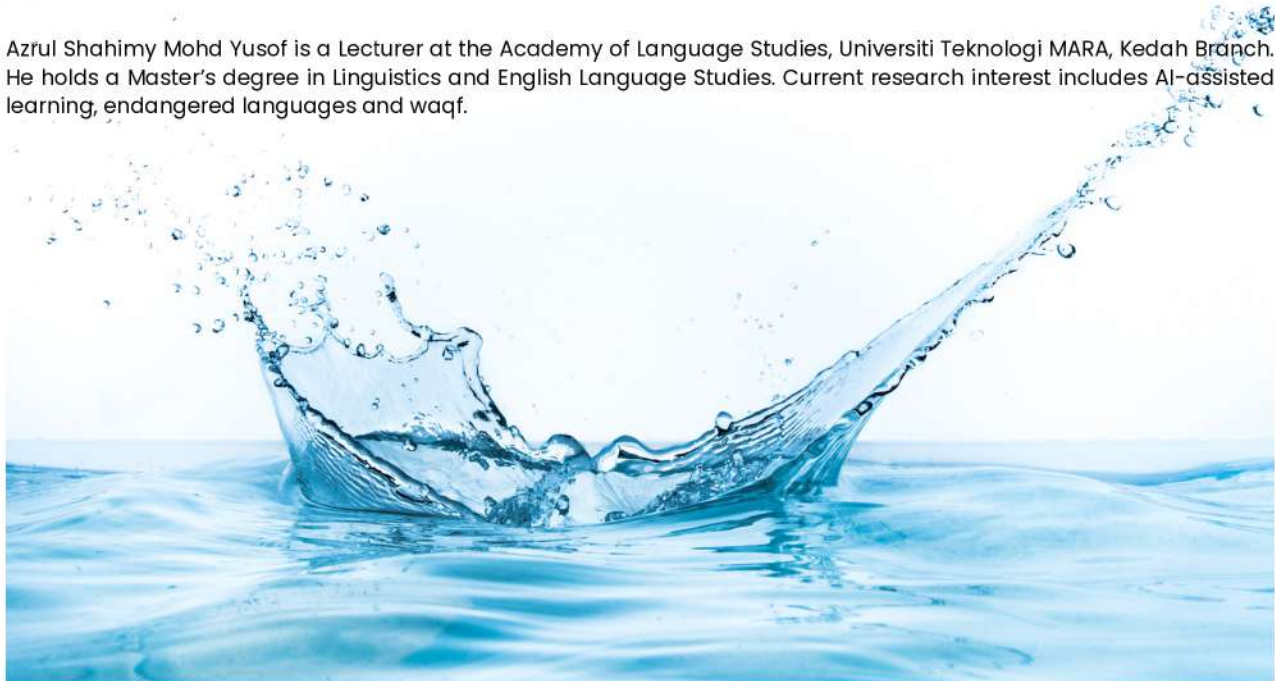
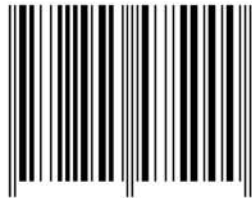


Image Source : Canva



e ISSN 2805- 47 5X



9772805 475 000

**Volume 2 (2024)**

**RMU** *RU*  
**e-Bulletin**

**Research Management Unit**  
Universiti Teknologi MARA Cawangan Kedah

