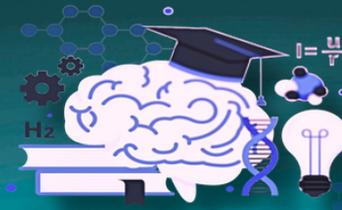




UNIVERSITI  
TEKNOLOGI  
MARA



2023

JII CaS

**JOHOR  
INNOVATION  
INVENTION  
COMPETITION  
AND  
SYMPOSIUM  
2023**



"Innovation Inspires a Society  
to be Critical and Creative"



# JOHOR INNOVATION INVENTION COMPETITION AND SYMPOSIUM 2023

" Innovation Inspires a Society to be  
Critical and Creative"

**Editors-in-Chief**

**AHMAD KHUDZAIRI KHALID  
NUR INTAN SYAFINAZ AHMAD**



الجامعة  
UNIVERSITI  
TEKNOLOGI  
MARA

**Cawangan Johor  
Kampus Pasir Gudang**

2023



**First Edition 2023**

**Copyright © 2023 Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang.**

**All extended abstracts published in this e-book have not been subject to JIICaS2023 peer review or check. The authors are responsible for the contents of their extended abstracts and warrant that their extended abstract is original, has not been previously published, and has not been simultaneously submitted elsewhere. The views expressed in the abstracts in this publication are those of the individual authors and are not necessarily shared by the editor.**

**All rights reserved. No part of this publication may be reproduced in any form or by electronic or mechanical means, including information storage and retrieval systems, or transmitted in any form or by any means, without the prior permission in writing from the Course Coordinator of College of Computing, Informatics and Mathematics, Universiti Teknologi MARA Cawangan Johor, Kampus Pasir Gudang.**

**e ISBN: 978-967-0033-17-4**

**Editors-in-Chief: AHMAD KHUDZAIRI KHALID &  
NUR INTAN SYAFINAZ AHMAD**

**Art & Cover Designer: DR. WAN MUNIRAH WAN MOHAMAD  
& DR. NUR IDAYU ALIMON**

**Published in Malaysia by  
Universiti Teknologi MARA Cawangan Johor  
Kampus Pasir Gudang  
81750 Masai**





## **Preface**

**In the name of Allah, the Almighty who gives us the enlightenment, the truth, the knowledge and with regards to Prophet Muhammad (peace be upon him) for guiding us to the straight path. We thank to Allah for giving us guidance and strength to write this e-book.**

**This e-book compiles the extended abstracts that submitted to Johor Innovation Invention Competition and Symposium 2023 (JIICaS2023), where JIICaS2023 is a virtual platform for all creative minds to share and present their invention and innovation. The extended abstracts are divided into two categories, which are Category A (Higher Educational Student/ Any Recognized Institutional Students in Malaysia) and Category B (Primary/ Secondary School Students / Special Education School Students in Johor). Each abstract gives a brief background on the innovation or project.**

**We hope that this e-book will help the readers to get to know the innovation done by the students from both categories and get some ideas to develop future innovation products.**



## HERITAGE ASSET DISCLOSURE FRAMEWORK (HADiF) 2.0

Mohamad Hafiz Rosli<sup>1</sup>, Amrizah Kamaluddin<sup>2</sup>

<sup>1</sup>Faculty of Accountancy, Universiti Teknologi MARA Cawangan Johor, Kampus Segamat, Johor, Malaysia

<sup>2</sup>Faculty of Accountancy, Universiti Teknologi MARA Cawangan Selangor, Kampus Puncak Alam, Selangor, Malaysia

Corresponding author: [hafizrosli@uitm.edu.my](mailto:hafizrosli@uitm.edu.my)

### ABSTRACT

Heritage Asset (HA) is unique and incomparable to other types of assets as it is significant to the country's history, culture, social and environment. From an accounting perspective, the HA needs to be accounted for in the public sector financial statement in line with the implementation of accrual accounting under the New Public Management (NPM). Not only that, in the context of the world's sustainability, the Sustainable Development Goals (SDG) 11 aims to strengthen the effort to protect and safeguard the world's cultural and natural heritage. Thus, this has required special attention to be given to HA. The current reporting of HA provides rarer guidelines to the preparers, particularly in the valuation and presentation resulting in underreporting of HA. Heritage Asset Disclosure Framework (HADiF) provides a framework specifically for the reporting of HA in the Malaysian Public Sector that integrates both financial and non-financial disclosure information of HA to be reported. HADiF 2.0 detailed the 'narrative component' and disclosure items to be incorporated in the HA report. The enhancement of HA disclosure helps preparers to produce more useful and relevant information about HA and enables the public sector agencies to discharge their public accountability by providing more transparent disclosure. Eventually, the public could assess the HA information to appreciate the country's HA better. Extensive disclosure of HA is able to reflect the value and significance of HA that primarily focuses on cultural and social values.

**Keywords:** Heritage Asset, Disclosure, Narrative, New Public Management, Accrual Accounting

### 1.0 INTRODUCTION

Heritage Asset (HA) holds great importance for national identity and serves as a symbol of a country's civilizations, stemming from its cultural, social, environmental, and historical significance. In line with Sustainable Development Goal (SDG) 11, a governmental institution is needed to protect and safeguard cultural and natural heritage. Accounting for HA has also been highlighted in the movement towards the implementation of accrual accounting. In these instances, the governmental organizations are accountable for managing and ensuring sound practices, as well as providing relevant information to various stakeholders. Providing relevant information to the stakeholders underpinning the New Public Management (NPM) indicates the government discharging their public accountability through the information provided. The reporting for HA has become a challenging issue among governmental organisations as the present standard (MPSAS 17) is limited to supports the disclosure of HA to reflect its significance. Prior research suggested to include qualitative information to be disclosed (Aversano, Christiaens & Thielen, 2018; Rosli, Hasbolah & Yahya, 2019; Woon, Chatterjee & Cordery, 2019; Biondi, Grandis & Mattei, 2021).

## 2.0 OBJECTIVE

As the present reporting framework has its limitations, HADiF aims to integrate both financial and non-financial disclosure information of HA into the Malaysian Public Sector's financial statements. The objective of HADiF 2.0 is to specify the narrative disclosure items to be included in the reporting of HA.

## 3.0 DESCRIPTION OF INNOVATION/METHODOLOGY

HADiF 2.0 provides disclosure items that are primarily narrative to be used in the disclosure of HA. The proposed disclosure items were gathered through face-to-face interviews and document reviews. The disclosure items include the name, type, significance, custodian, status, description information, registration number, strategy and mechanism for protection, type of procurement, and pictures of HA.

## 4.0 ADVANTAGE/IMPACT/RESULTS/NOVELTY

HADiF provides a framework suitable for the financial reporting of HA. The primary focus of HADiF 2.0 is to enhance HA disclosure, encompassing both financial and non-financial information. This enhancement serves the purpose of providing useful information to users for better monitoring and reviewing of HA, establishing indicators for HA performance, and assessing government accountability in HA management. Furthermore, it aids reporting entities in producing more useful and relevant information about HA for various stakeholders, reflecting their public accountability. The narrative disclosure can enhance and reflect the value and significance of HA, with a primary emphasis on social and cultural values.

## 5.0 CONCLUSION

The special characteristics of HA such as irreplaceable and highly prized make it important to be protected for the present and future generations. However, the adoption of accrual accounting for HA has raised technical issues of recognition, measurement and disclosure of such assets, both in the balance sheet and in income statements. With the limitation in the present standards, reporting of HA shall need to incorporate both quantitative and qualitative information to reflect the value of HA mainly in historical, social and environmental. HADiF 2.0 provides better reporting of HA by including both financial and non-financial disclosure information. This could enhance better reporting to various stakeholders as well as act as a monitoring tool within the government to assess the performance and potential of HA, including funding arrangements and decision-making. Furthermore, disclosure of HA could help the government to discharge its public accountability.

## REFERENCE

- Aversano, N., Christiaens, J., Polcini, P. T., & Sannino, G. (2019). Accounting for heritage assets: An analysis of governmental organization comment letters on the IPSAS consultation paper. *International Journal of Public Sector Management*. <https://doi.org/10.1108/IJPSM-12-2018-0275>
- Biondi, L., Grandis, F. G., & Mattei, G. (2021). Heritage assets in financial reporting: A critical analysis of the IPSASB's consultation paper. *Journal of Public Budgeting, Accounting & Financial Management*, 33(5), 533-551. <https://doi:10.1108/jpbafm-09-2020-0158>
- Rosli, M. B., Hasbolah, F. B., & Yahya, N. F. B. (2019). Accounting for Heritage Assets: Issues and Challenges in Malaysia. *International Journal of Innovation, Creativity and Change*, 6(9), 231-244.
- Woon, Peir, Chatterjee, Bikram and [Cordery, Carolyn J.](#) (2019). Heritage reporting by the Australian Public sector: Possibilities from the concepts of new public governance. *Accounting, Auditing and Accountability Journal*, 32 (2), pp. 612-631.