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Engaging Communities: A Community Participation in Thailand – A Case of Chulalongkorn University Memorial Hall

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Abstract

'Community', as proposed by Terry Cook, is a fourth paradigm that alters archival practices. This study explores community engagement in archives management through the case of Chulalongkorn University Memorial Hall in Thailand. The research aims to develop guidelines for implementing participatory approaches in university archives to enhance inclusivity, and preserve a variety of an archives, and also address operational gaps. Applying Stevens, Flinn, and Shepherd's framework, it examines five participatory areas: custody, collection, curation and dissemination, advice, and consultancy. The findings from literatures indicate that Chulalongkorn University Memorial Hall engages external communities in all five participatory areas, though challenges such as limited documentation and underutilized collaboration opportunities remain. This study explores insights into the benefits of community engagement and offers practical guidance for university archives in Thailand.

Keywords: Community Engagement, Archives Management, Participatory Archives, Chulalongkorn University Memorial Hall

Defining the Strategic Relationship of Competency Dimensions and Organisational Performance Amidst Academic Librarians in Malaysia

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Abstract

This study investigates the strategic relationship of competency dimensions and organisational performance amidst academic librarians in Malaysia. Academic librarians play a pivotal role in supporting the educational and research objectives of institutions. Understanding how various competency dimensions such as information literacy, technology proficiency, communication skills, and management capabilities that affect the overall performance of academic librarians can provide valuable insights for enhancing academic librarian effectiveness and institutional success. Technical, human, and conceptual skills are the three elements of competences discussed in this study. The primary tool used to collect data was a questionnaire, and 634 people participated in the study.

Keywords: Competencies; organisational performance; academic librarians

Challenges and Practices in the Disposal of Quranic Literature and Islamic Information Materials in Malaysia

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Abstract

Preserving the purity and glory of the Qur'anic literature and informational materials is important to prevent tarnishing. In Malaysia, the government has appointed a dedicated organization to supervise the appropriate management and disposal of Quranic materials. This research investigates ways Quranic literature and related materials are discarded, highlighting different practices and the involvement of various stakeholders. Information was obtained by conducting interviews with people engaged in the disposal of Qurans, demonstrating multiple approaches, including institutional and personal methods. The results are intended to improve comprehension of the correct method of discarding Quranic materials and offer important advice to Muslim communities and authorities effectively on handling the *mushaf* and other Islamic literature. By adhering to these instructions, communities can properly and quickly dispose of such materials once they are no longer necessary, guaranteeing their sanctity remains intact.

Keywords: Quran, Information materials, Disposal Quran, Disposal, Sacred text

Antecedents of Individual's Creativity among Academician at Higher Learning Institutions in Malaysia: A Partial Least Square Equation Modelling (PLS-SEM) Approach

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Abstract

Creativity among academicians is essential for promoting innovation in higher education. This study examines the antecedents of individual creativity among academicians in higher learning institutions (HEIs) in Malaysia. The study focuses on the influence of four dimensions of organizational culture which are adhocracy, clan, market, and hierarchy. This study is adopting the quantitative approach to answer the research questions. Data collected from 100 academicians are analyzed using PLS-SEM. The findings of the study identifies that clan and market cultures are significant predictors of individual's creativity. The study contributes to theoretical and practical development in encouraging the individual's creativity.

Keywords: organizational culture, individual's creativity, higher learning institutions

The Effect of AI Technology Acceptance and Use on Behavioral Intentions and Career Adaptability

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Abstract

This study explores how elements from the Extended Unified Theory of Acceptance and Use of Technology (UTAUT2) influence college students' intentions to adopt artificial intelligence (AI) technologies and their career adaptability. The core factors—Performance Expectancy (PE), Effort Expectancy (EE), Social Influence (SI), Facilitating Conditions (FC), Hedonic Motivation (HM), Price Value (PV), and Habit (HT)—are identified as crucial determinants shaping students' views on adopting AI. A quantitative analysis, based on a survey of 327 college students, demonstrates that these factors collectively explain a significant portion of the variance in both students' behavioral intentions and career adaptability. PE, HM, and HT are the main factors influencing students' intentions to use AI, while EE, FC, HM, PV, and HT affect career adaptability. To prepare students for a technology-driven future, this study stresses the need to encourage positive attitudes toward AI. Schools should include AI in their curricula, offer the right resources, and create opportunities for collaborative learning to help students build skills for an AI-focused job market.

Keywords: Artificial Intelligence (AI), UTAUT2, Behavioral Intentions, Career Adaptability

Exploring the Interplay between Social Network Engagement and Traditional Predictors of Youth Voting Behaviour: Insights from Emerging Democracies

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Abstract

Youth voter turnout in Malaysia remains low despite Undi-18 reforms, which lowering the voting age and automatic registration. Social media platforms are increasingly central to political engagement, yet their role in shaping youth voting behavior is underexplored. This study examines the influence of social network engagement on youth's voting intentions. Findings indicate that pre-election perceptions, subjective norms, and political awareness significantly shape voting intentions, while social network engagement does not moderate these relationship. Despite active participation in digital political discourse, youth maintain their offline-influenced beliefs. These insights inform policymakers on leveraging digital platforms to enhance electoral participation in emerging democracies.

Keywords: intention to vote, social network engagement, subjective norms, young voters

Experts Validation on Competence Index for Teaching Librarians in Academic Libraries in Higher Education: Content Validity Index (CVI) Approach

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Abstract

This study evaluates the content validity of a competence index designed for teaching librarians in academic libraries, employing the CVI approach. A purposive sampling method was used to select eight experts from eight public universities, each with over 20 years of experience as academic librarians, to assess the index. The evaluation comprised 109 items across three main constructs. Results indicated, three items score below the minimum I-CVI score, while 87 items achieved a perfect score of 1.0. The S-CVI yielded an average score of 0.97 and a universal agreement score of 0.80, confirming the overall validity of the competence index.

Keywords: Competence Index, CVI, Information Literacy, Teaching Librarian

Assessing the Information Literacy Instructions in the Academic Library in Malaysia: A Case Study at the Perpustakaan Tun Abdul Razak, Universiti Teknologi Mara

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Abstract

This study aims to assess the effectiveness of information literacy instruction held by Perpustakaan Tun Abdul Razak (PTAR) as an academic library. The study employed quantitative data with a study population consisting of undergraduate students. The key findings of the study indicated that information literacy instructions provided by PTAR significantly positively impact information literacy competency among respondents in terms of information articulation and locating physical and online resources. Based on the findings, the ability to develop a thesis statement, identify classification schemes, and use specialized services will need attention to oversee information literacy instruction.

Keywords: information literacy instructions, information literacy competency, academic library

Digital Literacy Skills and Digital Financial Inclusion Toward Socio-Economic Development: A Proposed Framework

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Abstract

Digital literacy and financial inclusion are pivotal for fostering economic growth in digital transformation, particularly among the B40 group in Malaysia. Previous studies found that, despite the socio-economic challenges faced by this group, there is a gap in digital literacy and financial inclusion towards socio-economic development. Therefore, this paper aims to propose a framework of digital literacy skills and digital financial inclusion towards socio-economic development that covers independent variables, namely, technical, cognitive, ethical, and socio-emotional, and dependent variables, digital financial inclusion and socio-economic development. It is hoped to support the Sustainable Development Goals agenda by UNESCO 2030.

Keywords: Digital Literacy, Digital Financial Inclusion, Socio-economy, B40 groups

Promotional strategies for student affairs informatization management in Guangxi higher education institutions

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Abstract

The full use of information technology to optimize all management services for student affairs has an important impact on talent cultivation in higher education institutions (HEIs). This study focuses on the main factors that affect student affairs informatization management in Guangxi HEIs and proposes targeted enhancement strategies. By utilizing TISM and AHP methods, this study examines hierarchical relationships among factors and combines expert and student evaluations to create an influence model. Findings reveal that coordinated development in management systems, administrators, application platforms, and data processing abilities is essential for effective informatization, providing a structured approach for universities.

Keywords: Informatization, Student affairs management, Guangxi higher education institutions

Improving the Security and Privacy in Malaysia Academic Digital Libraries

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ABSTRACT

Digital libraries have become an important and valuable platform because they provide easy access to various information and resources that users need. However, as the digital world continues to develop and the technological revolution and so called technology disruption, becomes increasingly complex, concerns have emerged about the risk of cyber threats and their impact on user privacy and security when accessing digital libraries. Therefore, the objectives of this study focus on present key issues facing digital libraries in relation to privacy and security, evaluating the capacity of digital libraries to respond to emerging threats by studying their preparedness, and seeing if there are current policies or guidelines used by digital libraries in combating the cyber threats. The study outcome suggests developing a strategy for enhancement by looking at three areas, improving the current framework, producing new guidelines or policy suits for digital libraries, and developing a prototype based on AI technology to mitigate the cyber threats.

Keywords: Digital libraries; security; privacy; technology disruption

Analysis of Medical Records Management in Indonesia at Selected Public Hospitals

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ABSTRACT

Medical records management in Indonesian public hospitals follows uniform guidelines with adjustments to the conditions of each of them. This study aims to analyze the comparative process of medical records management in two public hospitals of different types and classes. Using qualitative descriptive methods, data was collected through interviews, observations, and documentation, then analyzed using an interactive model. The study's findings reveal significant variations in the execution of the medical records lifecycle, stemming from variations in facility ownership, lack of human resources, and the impact of public hospital classification on management quality. Public hospitals with higher classifications tend to have more structured systems and meet standards. These findings underline the importance of improving resources, technology, and governance in medical records management to support hospital accreditation in Indonesia and the quality of health services. Recommendations for further research include a broader assessment of governance and information technology in medical records management.

Keywords: Public Hospital; Records Management; Medical Records; Records Lifecycle; Information Governance

Discovering the Variables of Cyber Risk Assessment Through a Systematic Literature Review

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ABSTRACT

This paper presents a working process in discovering the processes involved in cyber risk assessment by using systematic literature review (SLR). Cyber risk assessment is part of the risk management process of cyber security. Various approaches were used in assessing cyber risk; thus, this research tends to discover the process usually involved in the assessment part of risk management. The objectives are to discover related literature through the SLR and to identify variables used in assessing risk. A three-staged systematic review was used in this SLR which is planning, conducting, and reporting the review. The finding shows the variables discovered in each process of assessment. The finding also shows that traditional processes of identification, analysis and evaluation are still widely used in assessing risk. A framework was produced based on the process and variables found. This research would help to give a clear overview of how cyber risk assessment usually being conducted and can be a good guideline at the assessing part of risk management.

Keywords: Cyber Security; Cyber Risk Assessment; Risk Management

Revealing the Knowledge Concealment Predictors in the Malaysian Public Sector

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ABSTRACT

Knowledge is considered a vital resource that affects the effectiveness and sustainability of any organization since it is a limited and scarce resource. Hence, possessing it can enhance and maintain an organization's competitive advantages. Organizations nowadays are mushrooming in managing their knowledge, as it is a vital strategic asset to their organizational success. Knowledge sharing is essential in knowledge management. Awkwardly, not sharing and concealing knowledge among employees in an organization has emerged as a significant impediment. Consequently, it could prohibit the organization's ongoing growth and survival. Knowledge concealment has clear detrimental repercussions on organizations, as it stifles creativity, obstructs teamwork and collaboration, and ultimately impacts organizational performance. Therefore, the aim of the study is to test the instrument on the knowledge concealment (KC) predictors among knowledge professionals in the Malaysian public sector. A quantitative research methodology was employed to collect data from knowledge professionals in five prominent ministries in Malaysia. The data were subsequently analyzed using the Statistical Package for Social Sciences (SPSS). The findings indicate that all variables in the study achieved a reliability score exceeding 0.7, thereby confirming their reliability. As a result, all items are deemed appropriate for inclusion in the research. These results contribute to the understanding of knowledge concealment and have a practical impact on the public sector for cultivating knowledge sharing and minimizing the concealment of knowledge among their employees.

Keywords: Knowledge concealment trust; moral disengagement; the lack of rewards in knowledge sharing; psychological entitlement; internal competition

A Bibliometric Analysis of the Evolution and Impact of Reference Services and Information Literacy Programs in Academic Libraries (2014-2024)

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ABSTRACT

This study presents the bibliometric analysis on topic of Information Literacy (IL) program and reference services in academic libraries. The main objective of this study is to examine the correlations between 3182 research papers cited from the year 2014 to 2024 in Scopus-indexed scholarly publications. This study means to systematically analyse the topic research trends, identify authors, influential journals and emerging topics to provide insights into the evolution and impact of the academic libraries IL and reference services. This study answered the two research questions with the significant results that contribute to research growth. From the findings, it has been a substantial increase in the number of articles in peer-reviewed journals over the years and provides insights of academic libraries evolved to meet the demands of the rapidly changing information and technology landscape and will shapes the future optimization of academic libraries service.

Keywords: Bibliometric Analysis, Reference Services, Information Literacy Programs, Academic Libraries, scholarly publications, research trends.

Investigation of Information-seeking Behavior of Secondary School English Teachers for Preparing Lesson Plan

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ABSTRACT

This study aims to explore sources of information selected by secondary school English teachers when preparing lesson plans, their awareness of information, and their constraints while seeking information for preparing lesson plans. A lesson plan serves as the teacher's road map of what the students will learn, resources for learning, learning activities and learning objectives to be accomplished in each class and by the end of the term, in compliance with the local and national curriculum. This qualitative study employed semi-structured interviews to gather data from 15 English teachers at secondary schools in Batam City, Indonesia via Zoom meeting application. Thematic analysis was used for analyzing interview data. The findings reveal that secondary school English teachers follow a three-stage pattern in selecting and utilizing information sources: primary, secondary, and tertiary (or complementary). In the primary stage, teachers rely on formal internal sources due to their trustworthiness, accessibility, and familiarity when preparing lesson plans. In the secondary stage, the English teachers turn to informal-external sources to create more engaging and diverse lesson plans that capture student interest. In the tertiary stage, teachers use oral-personal sources to validate their plans through consultation with other English teachers, especially when facing information-seeking constraints. This study has several limitations. Firstly, it is limited to a sample of 15 English teachers, which may not be representative. Secondly, the focus solely on English teachers suggests that the findings related to the awareness of information sources and access constraints may not be applicable to instructors of other subjects. Thirdly, all participants were secondary school teachers, implying that the results might vary if primary school teachers were included.

Keywords: Information-seeking behavior; Sources of information; Awareness of information; Lesson plan

The Relationship Between Emotional Intelligence and Job Performance Among Information Professionals

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ABSTRACT

This article explored the relationship between Emotional Intelligence (EI) and Job Performance among Information Professionals in a selected organization in Malaysia. This study aimed to measure the level of EI among information professionals in public sectors and to determine the relationship between EI and job performance. This study employed a quantitative research method and has been participated in by 105 respondents working in the National Registration Department (NRD). A convenience sampling method was employed to obtain data analyzed using Smart PLS. This study showed that emotional intelligence improves job performance in NRD for information professionals. The study found a significant positive relationship between EI dimensions such as social awareness and job performance, while self-awareness and self-management were not significantly related. Practical implications, study limitations, and future research directions were also discussed.

Keywords: Emotional Intelligence; Job Performance; Information Professionals

Examining the Mediating Effect of Technological Aspects on the relationship between Social Metadata Attributes and Continuance Use of the CLAPAM Facebook

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ABSTRACT

The CLAPAM Facebook page is used to research how technological aspects mediate the relationship between social metadata attributes and continuance use in health-oriented online communities. Using an Expectation-Confirmation Model-based questionnaire, the study examined continuous usage intents, social metadata traits, and technological aspects. Participants included n=607 people of varied demographics and social media literacy. Platform functionality and user-friendliness influence continued use more than social factors, contrary to earlier findings. This disparity is due to specialized health web platforms prioritizing health information and resources. Technological aspects influence the link between social metadata elements and continued use, underscoring their importance in sustained engagement. The study highlights technology to explain health-related online platform utilization. It proves the ECM's applicability and stresses the need for effective navigation, mobile optimization, and technical support to match users' social media literacy levels. Priorities include user-friendly design, adaptive functionality, and digital beginner resources. The study only investigated the CLAPAM Facebook page, but it suggests future research on other platforms and user demographics to generalize findings. It highlights how technology keeps health-focused online groups active, offering insights for platform design and user experience to meet their demands in social media usage.

Keywords: CLAPAM, Facebook, social media, Hashtags and continuance Use

A Systematic Review of Smart Campus Initiatives in Transforming Higher Education Institutions

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ABSTRACT

The adoption of the smart campus technologies has the potential to revolutionizing the management of higher education, increasing operation efficiency, improving administrative effectiveness and enhancing academic delivery. This systematic review aims to identify major challenges and explore how these technologies help in avoiding such obstacles in the implementation of smart campus. It also assesses the degree to which such measures are more effective in enhancing the operational, administrative and academic productivity management. An exhaustive review process was conducted with the help of PRISMA guidelines wherein articles, publications and journals from IEEE Xplore, SpringerLink and ScienceDirect were used. The study shows that the smart campus can help in effective management of resources, increase the rate of decision making through the use of data and foster more flexible learning environments. However, the institutions may struggle to implement with challenges such as cost, data security, integration with the existing systems and resistance from the stakeholders. The findings show that strong institutional strategies, leadership support, stakeholder engagement and capacity building efforts were the major success factors. Thus, it can be stated that this review shows that smart campus concepts can be more effective in comparison with the traditional campus management in terms of performance and improve academic productivity. Further, this research also focuses on the effects of the smart campus model on the institutions in the long run how it can be applied to various educational systems.

Keywords: digitalization; education transformation; higher education; smart campus; systematic review

Pilot Testing for The Effect of Health Literacy on The Quality of Life of Students at Public Universities in Klang Valley, Malaysia

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Abstract

Health literacy is a crucial determinant of individual health outcomes and overall quality of life, especially among university students who are navigating critical life transitions. This pilot study aims to evaluate the impact of health literacy on the quality of life of students at public universities in the Klang Valley, Malaysia. Students from several public institutions in the Klang Valley participated in a study that used a structured questionnaire to gauge their self-reported quality of life (QoL) in the social, mental, and physical domains as well as their health literacy. Students from public universities in the Klang Valley region were selected for preliminary research, with assistance from earlier works, and 45 respondents participated in survey pilots. Three dimensions, health behaviors, health knowledge, and health skills have been examined in relation to student performance. The results indicate a strong positive relationship between enhanced QoL and increased health literacy, with students showing a greater ability to cope with health issues, which enhances their physical and mental wellbeing. These findings highlight how crucial it is to incorporate health literacy initiatives into university courses in order to improve students' quality of life. The study adds to the expanding corpus of research on health literacy and its function in advancing the health and wellbeing of college students.

Keywords: pilot study, influence, health literacy, academic libraries, quantitative, students

Knowledge Management in Today's World: Exploring the Influence and Impact Towards Creativity and Innovation

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Abstract

Knowledge Management (KM) is crucial for the success and longevity of organizations. This article aims to provide literature reviews focusing on how KM practices impact creativity and innovation within organizations. Some key drivers identified include technology integration, organizational culture, and leadership support. This article addresses the challenges of implementing KM practices and provides actionable recommendations to overcome these barriers. Ultimately, the study highlights KM as a vital tool for organizations to develop their creative capabilities and stay innovative in a competitive market by utilizing knowledge effectively to drive future ideas and processes.

Keywords: knowledge management, creativity and innovation, leadership support, technology integration

Exploring The Impact of Social Media Utilization on Perceived Information Overload: The Mediating Role of Information Disorder Experiences

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ABSTRACT

Social media platforms provide numerous benefits, such as global connectivity and rapid information sharing, but they also pose significant challenges, including managing interactions and assessing content reliability. Many users report feeling overwhelmed by excessive information and uncertainty regarding its accuracy. This study explores three research questions: (i) How does social media utilization influence perceived information disorder experience? (ii) How does social media utilization influence perceived information overload? and (iii) To what extent does perceived information disorder experience mediate the relationship between social media utilization and information overload? Using an online questionnaire, data were collected from Malaysian internet users to measure key constructs. The findings reveal that social media utilization is positively associated with perceived information disorder experience. However, the direct link between social media utilization and information overload was not significant. Importantly, perceived information disorder experience mediates this relationship. These findings have practical implications for social media designers, policymakers, and educators. Designers should address algorithmic biases that prioritize engagement over content accuracy, reducing exposure to disinformation. Policymakers can advocate for stricter content moderation regulations and tools for identifying unreliable information. Educators can enhance media literacy programs, equipping users to critically evaluate information and mitigate the negative effects of information disorder and overload.

Keywords: Information overload; social media; Information disorder; Internet Use; Media literacy

Talent Management Practices and Librarians Performance in Academic Public Libraries Malaysia

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ABSTRACT

Talent management is crucial for attracting and retaining exceptional staff, ensuring sustainable organizational success. This study aims to identify the level of talent management practices and librarian performance in public universities in Malaysia. The quantitative method approach was used, and 358 librarians were involved. Findings show that the Librarian Performance dimension recorded the highest value of 6.24 and the Job Reward with 5.09 lower value. Suggesting the need for improvement in the aspects of rewards and career development opportunities. Addressing these elements strategically allows libraries to better achieve institutional goals and adapt to evolving educational and research needs.

Keywords: Talent management; library management; academic libraries; librarian performance

Artificial Intelligence and Electronic Records in Healthcare Sector: Benefits and Challenges

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ABSTRACT

This article explores the use of electronic records and artificial intelligence in healthcare, providing guidance for healthcare professionals and record keepers. It addresses common challenges in managing patient records and offers insights into effective data organization strategies. By incorporating previous research, the article aims to equip professionals with tools to enhance their record management practices. Emphasizing technology adoption and system implementation, it serves as a valuable resource for healthcare leaders, record managers, and those involved in healthcare information systems, helping them navigate the complexities of healthcare data management and improve patient information handling techniques.

Keywords: Electronic record; artificial intelligence; healthcare sector; record management

Transforming Poultry Supply Chains through Big Data Harmonization: Global Comparisons, Barriers, and Lessons for Malaysia

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Abstract

Big Data Harmonization (BDH) is a disruptive technology in the decision-making process of poultry supply chains, seeking to integrate and consolidate fragmented data to advance sustainability, enhance cost, and improve data quality. Systematic Literature Review (SLR) is used to analyse BDH usage trends in six countries, revealing the delay of Malaysia in adoption in comparison with most developed nations. Barriers like fragmented systems, weak infrastructure, and low rates of digital literacy limit the advancement of Malaysia. This paper offers solutions aimed at accelerating BDH use, improving cost-effectiveness, and increasing resilience of Malaysia's poultry supply chain.

Keywords: Big Data Harmonization (BDH), Poultry Operators, Blockchain, Poultry Supply Chain.

Determinants of Voting Intentions Among Malaysian University Students: A Structural Equation Modeling Approach

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Abstract

This study investigated voting behavior determinant among young Malaysian voters using the Theory of Reasoned Action and Theory Planned Behavior. Finding indicated that candidate perception, party perception, subjective norms, persuasion techniques, and social network engagement significantly influenced young voters' intention. However, political awareness was found to have no significant impact. Data were collected via online survey with 422 respondents aged 18 – 30 from Universiti Teknologi MARA. This insight may aid in developing strategies to engage and mobilize young voters effectively.

Keywords: Voting Behavior, Young Voters, Malaysia, Political Engagement

Electronic records management in Thai public sector in the Digital Age

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Abstract

The article presents the current condition of e-records management practice in Thai government agencies in the digital age aiming to perform its services to the public and meet the needs of society. The data collected through a survey from ten ministries in 2022 reveals that the Thai public sector has already established infrastructure for managing public records in paper-based and electronic environments due to enforced recordkeeping legislation. Although current e-records management practice among government complies with the universal records life cycle model, there are still gaps due to a lack of fundamental support that can be improved.

Keywords: e-records, public records management, e-government, Thailand

Solar Panel Defect Detection using FOMO on Edge Impulse

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Abstract

A machine learning model is developed for detecting defects in solar panels, focusing on hotspots detection. The project was created on Edge Impulse with images of solar panels in normal and defective states. The trained model with appropriate training accuracy was then deployed on a smartphone for real-time defect detection, utilizing camera to capture and process images frames, overlaying results on smartphone screen for immediate inspection. The evaluation revealed an F1 score of 80.5% for hotspot detection with the accuracy over 95% for the model detecting hotspots. This demonstrates the model's practical application and effectiveness for solar panel hotspot detection.

Keywords: Solar Panel Defect Detection, Hotspots and Crack Defect, Faster Object More Object (FOMO), Edge Impulse

Artificial Intelligence in Information Management: Transforming Information Retrieval, Classification, and Management Systems

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ABSTRACT

The integration of Artificial Intelligence (AI) into information management improves efficiency, system reliability, and decision-making. This article examines how AI enhances information retrieval accuracy, classification precision, and impacts knowledge accessibility and data management. Using a literature review, the study highlights AI techniques like machine learning and natural language processing, which improve indexing, categorization, and retrieval, boosting performance. Ethical challenges, such as data privacy and algorithmic bias, require attention for responsible deployment. Effective AI integration enhances decision-making, productivity, and customer satisfaction. Future research should focus on aligning AI with ethical considerations and organizational needs.

Keywords: artificial intelligence, information management, information retrieval, information classification

The Adoption of Electronic Records Management System in an Organization: A Systematic Literature Review Approach

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ABSTRACT

This study investigates the key factors influencing the adoption of Electronic Records Management Systems (ERMS) in organizations, with a particular focus on developing countries. Through a systematic literature review (SLR) of 16 high-quality studies, this research identifies 12 critical factors driving ERMS adoption, including relative advantage, compatibility, management support, and government policies. By integrating the Technology-Organization-Environment (TOE) framework and Task-Technology Fit (TTF) theory, this study presents a novel, holistic framework for understanding ERMS adoption. The findings highlight the importance of organizational readiness, management support, and training in ensuring successful ERMS adoption. Policymakers, IT vendors, and organizations can leverage these insights to address technical, managerial, and environmental challenges, accelerating ERMS adoption and enhancing operational efficiency.

Keywords: Electronic Records Management Systems (ERMS), TOE Framework, Task-Technology Fit (TTF) Theory, Systematic literature review, Technology Adoption

An Artificial Intelligence-Based Sustainable Halalan Toyyiban Supply Chain Knowledge Dissemination System: The Conceptual Model

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ABSTRACT

The issue involving non-halal products, claimed to be halal has been circulated in the Muslim market and remains unsolved. It would always link to how supply chain management (SCM) may incorporate sustainability and Halalan Toyyiban (HT). Knowledge is the main resource and essential for the organisation and people. Unsuccessfully disseminating knowledge to ensure adherence to the standards of HT across all stakeholders needs to be resolved immediately. This is only a concept paper; hence the purpose of this paper is to reveal that SCM would utilize artificial intelligence (AI), to successfully disseminate knowledge and taking advantage of advanced technology, big data and users. The initial concept was developed by use of a literature review of the AI-based Sustainable Halalan Toyyiban Supply Chain Knowledge Dissemination System (AiBas-HalaToyyib-SCKnoDeS). The key concept can be used by organizations in developing AiBas-HalaToyyib-SCKnoDeS. The result of AiBas-HalaToyyib-SCKnoDeS is an interesting area for future research. However, the current concept of value underlies its offering organizations as a starting point. This conceptual model fills important gaps in ethical and sustainable supply chain management that are in line with Halalan Toyyiban's requirements, laying the groundwork for further study and real-world application.

Keywords: Artificial Intelligence, Sustainable Halalan Toyyiban, HTSC, Supply Chain, Knowledge Dissemination System

Demographic Factors and Innovative Work Behaviour of Malaysian School Teachers

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ABSTRACT

The emergence of Industrial Revolution 4.0 (IR 4.0) has changed several factors that drive worker capabilities and skills in a more inventive direction. Digital transformation necessitates digital literacy and technical expertise, as well as continual microlearning and personal development across employee engagement and commitment. However, studies found that, employees still seen not competent and innovative, which include teachers. Therefore, the objective of the study is to examine the perceived level of innovative work behaviour among Malaysian school teachers. In addition, it also explores the demographic factors against the innovative work behaviour. Adopting the survey research method, the study collected data using self-administered questionnaire. Drawing upon 356 usable responses the data were analysed statistically using descriptive and inferential statistic. The results showed that Malaysian teachers, generally perceived that their level of innovative work behaviour to be high. Except for length of service, no significant difference could be observed in terms of innovative work behaviour across other demographic factors, namely age, gender, grade level and education level. The findings suggest that innovation among Malaysian school teachers are very overwhelming and demographic factors have mixed bearing in shaping this form of behaviour.

Keywords: Innovative work behaviour, Demographic factors, Malaysian school teachers, Teacher's competency

Big Data Analytics Capabilities and Strategic Decision-Making in Malaysian Public Organizations: A Proposed Framework

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ABSTRACT

This study investigates the role of Big Data Analytics Capabilities (BDAC) in enhancing strategic decision-making within Malaysian public organizations. Using an extensive literature review, the research identifies key dimensions—management, governance, and cultural capabilities—as critical factors influencing the adoption of BDAC. Additionally, it proposes a conceptual framework integrating Continuous Improvement (CI) as a mediator, addressing existing governance and operational efficiency gaps. The findings aim to provide actionable insights for public organizations to harness BDAC effectively, improving service quality, resource allocation, and accountability. This study offers a foundation for empirical validation through surveys and case studies.

Keywords: Big Data Analytics, Strategic Decision Making, Continuous Improvement, Public Organizations

Modelling Mobile Attachment and Cyber Hygiene Behavior of Users

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ABSTRACT

This research examines how mobile attachment relates to cyber hygiene behaviors among mobile phone users in Malaysia. We adopt Partial Least Squares Structural Equation Modelling (PLS-SEM) to analyze survey data, the study. The findings suggest that functional dependence and deep structure use positively impact cyber hygiene intentions, while mobile identity has no direct effect. Theoretically, the study extends attachment theory by linking functional dependence with proactive security behaviors. Limitations include cultural specificity and self-reported data, highlighting the need for future studies across diverse populations to explore additional influences on mobile attachment and security behaviors.

Keywords: Mobile Attachment, Functional Dependence, Mobile Identity, Deep Usage

Exploring The Relationship Between Social Awareness and Self-Leadership Ability

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Abstract

This study aims to explore the impact of social awareness on self-leadership capabilities, specifically self-goal setting and self-reward, among librarians in Indonesia. The research seeks to contribute to the understanding of how interpersonal and emotional competencies enhance self-regulatory behaviors in professional settings. The study adopts a survey methodology, with a sample size of 406 respondents, as determined by purposive and convenient sampling techniques. Data were collected through an online questionnaire, with questions adapted from existing literature to ensure reliability and validity. The analysis employed Partial Least Squares Structural Equation Modeling (PLS-SEM) to examine the relationships within the theoretical framework. Findings indicate that four dimensions of social awareness—empathy, service orientation, developing others, and political awareness—significantly enhance self-leadership capabilities. However, the hypothesis linking leveraging diversity to self-leadership was not supported, suggesting that diversity in this context may not directly influence self-regulatory behaviors. These results align with previous studies, underscoring the pivotal role of interpersonal skills in fostering self-leadership. The study provides practical implications for organizational development and professional training programs, emphasizing the need to cultivate social awareness to enhance self-leadership among librarians.

Keywords: Social awareness, Self-leadership, Librarian, Indonesia

From Records to Insights: Leveraging Records Management for Enhanced Big Data Decision-Making

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Abstract

This paper analyses the combination of big data analytics and records management, as well as its efficiency in improving the decision-making process. The key goal was to understand the problems traditional records management systems have in working in a rapidly evolving big data environment and suggests new approaches to integrate the records management area within big data governance. The researchers used a qualitative method which included semi-structured interviews and case studies, and it was found that data management activities, when properly executed, enhance the quality, availability, and usability of data. Such alignment provides insight that can be used for better decision-making in the organisation. This research adds to both theoretical as well as practical insights with suggestions for institutions on how records management can be utilised in the big data age.

Keywords: Records Management, Big Data Environment, Decision Making

Overcoming Challenges in Modern Education: The Role of ICT in Teaching Strategies

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ABSTRACT

This scientific article explores the role of integrating teaching strategies with information technology in improving the quality and effectiveness of education. The article addresses the challenges educational institutions face in effectively integrating technology, such as a lack of resources and insufficient teacher training. The study aims to analyze how information technology can enhance teaching strategies, explore the challenges associated with technology integration, and identify the roles of teachers in facilitating this integration. It demonstrates the importance of this integration in improving educational outcomes and providing solutions to educational challenges in the digital age. The study uses analytical and inductive methodologies to analyze scientific texts and gather information related to the study topic. The article concludes with several key findings: the use of information and communication technologies (ICT) in education helps connect teachers and students, facilitating learning regardless of location and time. Teachers can guide and discuss with students through various digital platforms, stimulating student interaction and improving their engagement. The article recommends investing in improving technological infrastructure in educational institutions to support effective technology use and encourage interaction and collaboration in technology use to enhance interaction between students and teachers and promote collaborative learning.

Keywords: ICT, education, education technology

A Study of Organization, Challenges & Importance of Corporate Memory in the Co-Working Space Business Industry in Malaysia

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ABSTRACT

This study explores the organizational background, challenges, and the critical importance of corporate memory within the co-working space industry in Malaysia. The study highlights the main challenges to continuity and innovation in a market that is changing quickly by looking at how institutional memory and common knowledge affect business operations. The results highlight the importance of corporate memory and the necessity for effective knowledge management techniques to improve competitive advantage and long-term viability in the co-working space industry.

Keywords: Corporate Memory, Importance, Co-Working, Business

Preservation and Visualization of Cultural Heritage Knowledge Based on Topic Maps and Knowledge Graphs

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Abstract

Cultural heritage that carries historical background and cultural symbolism of a nation with rich cultural connotations, value systems and bridges the past, present and future may extinct due to urbanization, socioeconomic development and land reclamation. Therefore, the preservation and visualization of cultural heritage knowledge become crucial for its sustainability. The paper reports the preservation and visualization works of festivals, songs, medicinal practices, and folk traditions of Jing – an ethnic in south east China – Knowledge Graphs, Topic Maps, Vue.js and Neo4j technologies. The resulting knowledge graph provides an interactive and visually engaging platform for greater understanding and promoting sustainable heritage practices.

Keywords: Cultural Heritage Knowledge, Knowledge Preservation and Visualization, Topic Maps, Knowledge Graphs.

Global Trends in Information Avoidance Research: A Bibliometric Analysis

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ABSTRACT

The topic of information avoidance has gained the attention of researchers in the fields of health and other disciplines. However, the bibliometric method has rarely been applied to analyze information avoidance research. This study aims to analyze the research published on information avoidance using bibliometric indicators. The source of data for this study is the Scopus database. The study examines the authors' keywords, visualizes the thematic evolution, provides yearly growth of publications and citations, and identifies the highly cited papers and most productive countries, institutions, and authors. The study examines the current status of research and provides a reference for future research directions.

Keywords: information avoidance, information avoidance behavior, bibliometric analysis, VOSviewer

Effects of AI on Librarians' Work Performance: A Systematic Literature Review

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Abstract

The study aimed to identify the effects of artificial intelligence on librarians' work support. It also aimed to identify associated challenges for the efficient adoption of AI applications. SLR was applied as a methodology to address the study's objectives. Findings revealed that AI has a significant positive impact on librarians' work behavior. It supports them in delivering innovative information services. The study also manifested different challenges, including funding issues that cause problems for librarians to efficiently implement and sustain AI-based systems in library settings. The study has provided worthwhile theoretical, managerial, and social implications by identifying the effects of AI on librarians' work performance. It has shown the impactful role of AI on the work productivity of librarians. It has provided insights for management bodies and relevant stakeholders to effectively utilize AI in library settings.

Keywords: Librarian productivity; AI Applications in Libraries; AI-driven Work Efficiency; AI in Knowledge Services.

Methodological Approaches to Developing the Auditing Investigation Records and Information (AIRI) Framework: A Case Study at a Major Enforcement Agency

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ABSTRACT

This paper outlines the research methodology used to develop the Auditing Investigation Records and Information (AIRI) framework, focusing on a structured approach for similar studies. Grounded in a pragmatic philosophical foundation, the research employed a qualitative case study design, making it adaptable to the complex real-world environment of law enforcement. Data was collected using a combination of semi-structured interviews, document analysis, and direct observations, ensuring a comprehensive understanding of existing auditing practices within the Royal Malaysian Police (RMP). The purposive sampling strategy selected 13 informants directly involved in the auditing process, providing detailed insights into current challenges and procedural gaps. Thematic analysis was employed, using both inductive and deductive reasoning to identify key themes from the data. Triangulation across multiple data sources enhanced the reliability and validity of the findings. This methodological approach was instrumental in informing the design of the AIRI framework, offering a practical, adaptable solution for auditing investigation records. The study's focus on methodological rigor offers valuable insights for researchers seeking to structure their research methodologies in similar organizational contexts, particularly in the fields of records management and law enforcement.

Keywords: Investigation Records, Information Audit, Qualitative Case Study, Pragmatism, Law Enforcement

The Role of Analyzing Information Behavior in Designing Appropriate Teaching Methods for Diploma Students

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ABSTRACT

This research focuses on clarifying the role of analyzing information behavior in designing teaching methods suitable for diploma students. It reviews the concepts of information behavior and modern teaching methods, as well as how integrating them can lead to improved educational outcomes. The study begins by defining information behavior, explaining its psychological, social, and technical dimensions, and highlighting its impact on developing critical thinking skills among learners in a digital era characterized by an abundance of resources. It then underscores the importance of understanding students' search patterns and needs at the diploma level—a stage marked by both professional and academic diversity. In addition, the research explores key theories and contemporary models related to analyzing information behavior, and how various educational technologies—such as artificial intelligence, digital libraries, and intelligent learning systems—are utilized to employ this analysis in curriculum planning and the design of teaching methods more closely aligned with learners' needs. Furthermore, it sheds light on innovative educational strategies, including inquiry-based learning and blended learning, which enable students to employ research skills and critical thinking while also enhancing their motivation. The study concludes by emphasizing the necessity for educational institutions to adopt policies that ensure both privacy and ethical considerations in collecting and using data on student behavior, thereby fostering a comprehensive learning environment that effectively supports the objectives of diploma programs.

Keywords: Information Behavior Analysis, Innovative Teaching Methods, Curriculum Design

An Investigation of Artificial Intelligence (AI) Literacy Competency for Library and Information Science (LIS) Students in China

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ABSTRACT

Artificial intelligence is driving a new industrial revolution sweeping all aspects of human life, including technology, economy, science, politics, and art, like an unstoppable wave. This paper adopts a literature analysis methodology and extensively searches Chinese and foreign academic databases to analyse the relevant literature. A set of dimensions for AI literacy among LIS undergraduates has been developed in four first-level dimensions (AI knowledge, AI skills, AI attitude, AI ethics) and twelve second-level dimensions. Finally, this paper proposes continuing in-depth research on AI literacy and joining forces with multiple parties to promote universal education in AI literacy skills.

Keywords: AI literacy competency framework, Library and Information Science

Implementing Data Governance To enhance Data Management at Higher Institution: UiTM Data Governance Framework

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ABSTRACT

Data management has become a critical focus in higher education institutions due to the increasing reliance on digital technologies for both academic and administrative functions. The concept of data governance plays a pivotal role in managing the complexities of data within these institutions. This paper explores the implementation of data governance frameworks in higher education institutions, specifically UiTM, using the DAMA DMBOK framework as the methodology. The paper provides insights into UiTM's experience in implementing data governance to increase accountability and improve data quality across different departments within the university. The findings highlight how UiTM's data governance framework has been instrumental in addressing data challenges, ensuring accountability, and enhancing data quality at an institutional level." Data management has become a critical focus in higher education institutions due to the increasing reliance on digital technologies for both academic and administrative functions. The concept of data governance plays a pivotal role in managing the complexities of data within these institutions. This paper explores the implementation of data governance frameworks in higher education institutions which is UiTM. The paper provides insight on data governance based on UiTM experience in implementing data governance to increase accountability and improve data quality across different departments within universities.

Keywords: Data Governance, Data Management, UiTM, Higher Institution, DAMA DMBOK, Malaysia, Data Governance Framework

Enhancing Strategic Decision-Making in Malaysian Public Organizations: The Role of Big Data Analytics and Continuous Improvement

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ABSTRACT

Organizations must look for ways to enhance decision-making processes due to advancements in public administration and increasing demands. This study explores the integration of Continuous Improvement (CI) and Big Data Analytics (BDA) within Malaysian public organizations, proposing a novel framework aimed at enhancing strategic decision-making. The framework comprises five interconnected components: Organizational Readiness Assessment, Analytical and Improvement Capabilities Development, Data Governance and Quality Management, Performance Measurement and Feedback Loops, and Continuous Learning and Adaptation. By addressing challenges such as resistance to change and ethical concerns, the framework offers a pathway to better governance and service delivery. Practical implications include guidelines for fostering a data-driven culture and achieving sustainable development goals. Key findings include the need for leadership commitment, robust data governance, and the cultivation of a data-driven culture. Practical and pathways for empirical testing are provided.

Keywords: Big Data Analytics, Strategic Decision Making, Continuous Improvement, Public Organizations

Waste Management Efficiency: Pilot Study Assessment

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ABSTRACT

Waste management is one of the crucial activities; regardless of the individual or organizational context. In Malaysia, waste management is the responsibility of the local government councils. However, literature searches and practical observations show that there is a dearth of research on the issue of waste management efficiency, especially in the context of Kelantan. Therefore, the purpose of this study is to identify the relevant constructs and confirm the reliability of the instrument, as well as assessing the pilot assessment. A quantitative research methodology was adopted; several activities were performed to validate the reliability of the instrument. As a result, a 25-items instrument was developed consisting of several constructs, namely, local government approach, waste management services, policy and law, subjective norms, awareness, and user satisfaction.

Keywords: waste management, efficiency, pilot study, Kelantan, instrument development, and instrument validation.

Emerging Trends in Information Science: Latest Advancement and Future Directions in Libraries

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ABSTRACT

Libraries are transforming in the digital era, evolving from knowledge repositories into hubs of technology, education, and community. Among the latest advancements, VR/AR enables immersive learning, AI enhances personalized services, and blockchain secures digital assets. While these innovations reshape libraries, challenges like budget constraints and the digital divide persist, especially in rural areas. Overcoming these requires strategic partnerships, funding, and inclusivity-focused initiatives. This article highlights libraries' evolution in leveraging technology to ensure equitable access. Future directions include adopting digital ecosystems, utilizing AI-driven analytics, and expanding VR/AR for collaborative learning, cementing libraries as pivotal in a technology-driven world.

Keywords: artificial intelligence, blockchain, digitization, libraries, open access.

Designing Business Rules and Data Model for Managing Corporate Digital Assets: A Repository for Sustainable Growth and Engagement

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ABSTRACT

Corporate digital assets become valuable for organization's sustainable growth. In facing the rapid evolution of the digital landscape, the extensive volume of digital assets should be optimized. Focuses on implementation of corporate digital assets repository, using web content analysis and benchmarking on several corporate social media, a set of business rules and a conceptual model of the corporate digital asset has been implemented. The study contributes to data modelling of corporate digital assets in ensuring the utilization of preservation of digital content. Some improvement can be added for future enhancement in terms of data retrieval capabilities and friendly visualization.

Keywords: Corporate content management, Corporate Digital Asset, Data model, Database design

Information Management Monitoring System for Fish Cage Farming

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ABSTRACT

Information Management Monitoring System (IMMS) is a study that explores the integration of Internet of Things (IoT) technologies to enhance water quality monitoring, operational efficiency, and decision-making processes in aquaculture. This study employs a mixed-methods approach, both quantitative and qualitative methodologies to achieve comprehensive insights into the effectiveness of the information management monitoring system for fish cage farming in the Semantan River, Temerloh. The target population for this study consists of 117 fish cage farmers operating in the Semantan River, Temerloh. A stratified random sampling technique is employed to ensure the diversity and representativeness of the sample. A representative sample of a size of 30 to 50 farmers is selected, balancing diversity with the practicality of data collection and analysis. The implications of research extend and contribute to broader discussion on sustainable aquaculture practices. Adapting IMMS powered by IoT, the aquaculture industry can enhance its resilience against environmental challenges while meeting the increasing demand for seafood sustainability.

Keywords: Information management, Internet of Things (IoT), monitoring systems, decision-making

Information Policy Management for Effective Governance of Information Resources in Institutions

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Abstract

Information policy in managing information resources is considered important components in the information governance framework. However, the body of information management policy within the structure of the organizations remains less established for. This scenario could have been attributed to the lack of study in this area and, which has created voids in practical, methodological and theoretical understanding of information policy, particularly in relation to the management of information resources in organizations. The organizational information policy can be best understood from the manner it is operated in the actual environments, this suggests the case study is best suited as the research approach. Formal and informal initiatives adopted by organizations in managing their information resources, together with people and information technology resources, particularly on the creation, storage, use and dissemination of information should be examined to determine and to derive natures of information policy and how it has developed and impacted information management in organizations.

Keywords: Information management, Information policy, Information management policy, information governance