

# Call for Papers

## for Special Issue ON Globalization and Industrial Revolution 4.0 for the Advancement of Emerging Economies and Addressing Digital Divide

### Journal of Advances in Management Science and Information System

#### KEYWORDS

Globalization 4.0, Industrial Revolution 4.0, Digital Economy, Digital Society, Emerging Economies and Digital Divide

#### MOTIVATION

Technology from each phase of industrial revolutions determines globalization. The global movement, communications and geopolitical influences are determined by the advancement of technology in a particular era. Today, the Fourth Industrial Revolution (IR4.0) drives a new phase of globalization referred to as Globalization 4.0

Globalization 4.0 emphasizes the importance of for the world to build its future in a constructive and collaborative way where the architecture of the movement relies on new technologies such as digital transformation, internet of things (IoT), automation, artificial intelligent, machine learning, big data management and social media development. The global dialogue of World Economic Forum (WEF) elaborates how these phenomena would shape the new digital economy and transform societies not just in those of advanced economy but also in the emerging markets. However, the recent Digital Economy Report 2019 pointed the crucial need for global efforts to spread the benefits of digital economy which currently highly concentrated in the United States and China to the rest of the world. The two countries dominate more than half of global blockchain technologies and expenditure on IoT while controlling 90% per cent of the market capitalization value of the world's 70 largest digital platform companies. The emerging economies must strategize to reduce this digital divide and be more globally competitive in IR 4.0 wealth creation activities.

The intertwined of Globalization 4.0 and IR4.0 is a new game changer impacting the future direction particularly of emerging economies. It spells opportunities to address issues and weaknesses of previous eras. Now, the future of digital economy and society can be built based on better inclusivity, transparency, traceability and accountability. Advancement in management sciences and information systems must be developed not just based on the state-of-the-art technologies but must also consider the focus towards human-centred, well-spread, trustworthy, comprehensive, and sustainable agenda.

This special issue welcomes well researched papers that reflect the above motivation as it is crucial to safeguard and ensure the inclusivity, advancement and transformation of emerging markets in terms of digital economy and society. The objective is not just to reduce digital divide but also to provide trajectory platforms for emerging economies to strengthen their position in digital economy and society. Specifically, papers are expected from the following themes (and other related themes):

#### THEMES

Globalization 4.0 and the Fourth Industrial Revolution

Innovations Relating to Advancement in Digital Economy

Reducing Digital Divide in Emerging Markets

Human Capital and Human Centered Digital Society

Information Systems in the Digital Economy

Transformation of Society and Globalization relating to Digital Economy

Special Psycho-social contributions in the 4IR

IR 4.0 Technologies and Innovations in Marketing, Finance and other Economic Areas

Service Industries such as Food, Tourism, Hospitality in the Era of the Sharing Economy

Advances in Management Sciences Related Discussions

## **NOVELTY**

Globalization 4.0 and IR4.0 are the crucial themes for the integrated and inclusive advancement in management sciences and information systems to reduce digital divides of the world and provide trajectory platform for emerging economies to be more progressive and competitive. Current wealth creation in the digital economy is highly concentrated in the United States and China spelling the need for efforts to reduce the digital divide in emerging countries and markets as well as the rest of the world. This is crucial to achieve better human-centred, trustworthy, well-spread, comprehensive, and sustainable development agenda. Therefore, it is crucial to gain new perspectives and ideas to enhance the architecture of Globalization 4.0 for the emerging markets which depends on both 'hard' and 'soft' innovations. The hard innovations (technology based) include digital transformation, IoT, automation, artificial intelligent, machine learning, big data management and social media development while the soft innovations (non-technology) includes human capital development, economic discussions, consumer behaviours and relevant management perspectives.

## **METHODS**

Contribution from basic research (quantitative, qualitative and mixed methods), applied and action research are welcomed. In addition, reviews, descriptive studies, stimulating opinions including theoretical studies that utilise narratives, and advanced methods of analysis are also desired.

## **POLICY CONSIDERATIONS**

Government, policy makers and practitioners in emerging markets will gain better insight into why and how the Globalization 4.0 and IR4.0 can benefit the economy and lead to national developments. They must also be aware of both the hard and soft innovations relating to development.

## **INVITED LEADING CONTRIBUTORS**

Academics, policy makers, and research teams of corporate organisations are invited to submit well researched papers to this planned publication.

## **ESTIMATED ACCEPTANCE RATE AND NUMBER OF CONTRIBUTIONS**

This will depend on the qualities and number of submissions received.

## **SUBMISSION GUIDELINES**

Papers must be original and not submitted to other journals for publication consideration. In addition, manuscripts must follow the standard guidelines for JAMSIS.

Please refer to the standard guidelines on the following web in preparing your manuscript:  
<http://www.lifescienceglobal.com/guidelines-for-authors>

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**IMPORTANT DATES**

Deadline for submission: June 30, 2020

Peer review process: August 31, 2020

Revision: October 15, 2020

Final notification: October 25, 2020

Projected publication: December, 2020

The contributors are requested to submit their respective papers to the Guest Editor (Fauziah Sh. Ahmad) on the following Email ID: [fsa@ibs.utm.my](mailto:fsa@ibs.utm.my)

Please mention JAMSIS in the title of the email.

**GUEST EDITOR**

Associate Prof Dr Fauziah Sh. Ahmad