บทคัดย่อผลงานตีพิมพ์ในวารสารระดับนานาชาติ (Journal) จำนวน 2 ฉบับ

Abstract

Purpose – The purpose of this paper is to identify the current situation and the future improvement for IT governance and controls in developing country like Thailand.

Design/methodology/approach – Thai universities were selected and used as subjects for capturing the perception of IT executives on IT governance performance measures. In the first step, a global IT governance perspective was drawn from the literature review. In the second step, the important-performance analysis was applied to the metrics of IT governance balanced scorecard with collected survey data from 64 IT executives.

Findings – From a global perspective, the critical points that need to be concerned before implementing IT governance have been illustrated. From a regional perspective, the paper generated the strategic IT governance guidance for Thai universities.

Practical implications – This paper is beneficial for chief information officers, executive managers, IT managers, and academics. They will gain more knowledge and understanding about the mixed method of using metrics in IT governance balanced scorecard and importance-performance analysis in order to identify the current situation of IT governance and controls in their organizations. Additionally, the practical idea with this method can be applied to draw IT governance strategy in their contexts.

Originality/value – This paper specifies the critical points and directions of IT governance for Thai universities. The analysis covers global and regional viewpoints. This paper also provides the method for applying IT governance balanced scorecard metrics and importance-performance analysis to contribute IT governance strategy.

Keywords IT governance, IT governance balanced scorecard, Importance-performance analysis, Thai universities

Paper type Research paper

[2]   Kallaya Jairak and Prasong Praneetpolgrang Kallaya Jairak and Prasong Praneetpolgrang "Information Technology Governance Practices Based on Sufficiency Economy Philosophy in the Thai University Sector," **International Journal of Information Technology & People.** Index: Scopus and ISI, Impact Factor: 0.76

Abstract

Purpose - The purpose of this paper is to develop a formal set of IT governance practices based on Sufficiency Economy Philosophy (SEP) to support the generic context for Thai universities.

Design/methodology/approach- The research methodology in this study is divided into 2 main phases that are conceptualization and operationalization. In the phase of conceptualization, we reviewed literature related to the implementation of IT governance in universities and the principles of SEP in order to conceptualize an initial idea of IT governance on the basis of SEP. In the phase of operationalization, we performed in-depth interviews with the CIOs of twenty universities, five IT experts, and five SEP experts in order to verify the proposed concept.

Findings- This study provides two key findings: 1) the IT governance practices based on SEP for Thai universities and 2) the mapping of IT governance practices based on SEP with ISO/IEC 38500.

Practical implications – The total of sixty five practices presented in this study can be used as a guideline for handling of IT governance issues in Thai universities.

Originality/value- This study provides university IT governance practices based on the principles of SEP that is widely-accepted and highly-appreciated in Thailand.

Keywords: IT governance, IT governance practices, Sufficiency economy philosophy, Thai universities

Article Classification: Research Paper