عنوان مقاله:

A conceptual framework of green smart IoT-based supply chain management

محل انتشار:

فصلنامه بین المللی تحقیقات در مهندسی صنایع, دوره 10, شماره 1 (سال: 1400)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

The green smart supply chain is a phenomenon that has emerged as a result of the development of sustainable and smart business and information technology trends. Sustainable and green supply chains are an innovative phenomenon that uses information technology to improve the quality of activities in operating areas. In order to ensure that activities are adapted to social and environmental needs. In this regard, the Internet of Things is one of the most important components of technology infrastructure for smart. For this purpose, in this research, a framework for implementing a green IoT-based supply chain is presented. This framework is based on the four-stage architecture of the Internet of Things and has been created by emphasizing the literature and the interaction and review of the opinions of active experts in this field. This framework illustrates the direct relationship between data generation and how it interacts with the sectors affected by environmental sustainability and outlines a clear pathway for sustainable and green decision-making in the supply chain. This framework has been endorsed by experts in the supply chain field and can pave the way for effective implementation of the green supply chain with an emphasis on technology in manufacturing organizations.

کلمات کلیدی:

Green Internet of things (G-IoT), Green supply chain, Smart business, Smart Supply Chain

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