

**The Impact of Total Quality Management on Sustainable Development in the Jordanian
Food Industry: Using Green Innovation as Mediator**

By

Wala'a Hussien Almasarweh

Supervisor

Dr.Rawa'a Abdalrahman Hijazi

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Abstract

This study aimed to reveal the impact of total quality management with its dimensions (top management commitment, customer focus, collective participation, continuous improvement) in sustainable development with its dimensions (environmental dimension, economic dimension, social dimension) through green innovation as an intermediary variable with its dimensions (green product , Green operations) in the Jordanian food industry. The descriptive analytical approach appropriate for the purposes of the study was adopted. The questionnaire was used as the main tool for gathering data. The study population consisted of workers in senior management, middle management, and supervisors in the supervisory level in the Jordanian food companies that obtained the “Jordanian Quality Mark.”. The researcher distributed (360) questionnaires, and (290) questionnaires were retrieved, of which (271) questionnaires were capable of analysis and coding. Descriptive and inferential statistical methods were used that suit the objectives of the study using the statistical packages program (SPSS V23) and the program (Smart PLS V3).

The current study has reached a number of results, the most important of which is the presence of a statistically significant effect at the level of $\alpha \leq 0.05$ for comprehensive quality management practices in its investigated dimensions on achieving sustainable development in the Jordanian food industry, and the presence of a statistically significant effect at the level of $\alpha \leq 0.05$ for innovation. Green on the relationship between total quality management and sustainable development in the Jordanian Food Industry. A set of recommendations emerged from this study, the most important of which is the effective and high application of comprehensive quality to achieve sustainable development that raises the performance of companies, preserves society and the surrounding environment, and enhances the collective role and teamwork in the food industry sector in Jordan, as it is an important factor in guiding companies. To the ultimate goals of sustainable development.

Keywords: Green Innovation, Jordanian Food Industry, Sustainable Development, Total Quality Management.