

Food safety and Hygiene

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**Dong Li***University of Liverpool, UK***Food safety management in global supply chains: Case study from exporters' perspectives**

A food safety management system (FSMS) is a regulatory requirement for every firm in the global food chains (CAC, 2009). The success of FSMS in preventing foodborne hazards depend on its correct implementation and application (Fotopoulos, Kafetzopoulos and Psomas, 2009). The implementation of FSMS is not always successful due to the complexity of food business operations in supply chains. It is crucial to identify critical factor (CF) that influence the overall success and contributes to the performance of the FSMS (Oakland (2012; Kafetzopoulos and Gotzamani, 2014), in order to guarantee the food safety. While studies on CFs have been reported in the literature, it still lacks in efforts in a sense confirming the impact of the key factors on successful FSMS implementation. Case studies have been carried out in our research. CFs have been identified and categorised into three levels: organisation, market, governance. Selected Asian exporters in the global fishery industry have been interviewed. Data has been analysed to justify the findings. Our analysis suggests that factors at the three levels, such as human resource, management responsibility, facility, working environment and financial abilities, supply chain relationship, external supports and food safety governance critically

impact on FSMS implementation. In the global supply chain context, supply chain relationships play a crucial role in the FAMS performance. Further studies on the impact of the key relationship elements on the FSMS performance categorise the selected cases into different clusters. The difference in the FSMS performance of these clusters provides clear evidence of different impacts of the key supply chain relationship elements. The research contributes both to the literature and business practice. The research enhances understanding of impacts of CFs and supply chain relationships on FSMS performance and overall business performance. This will practically contribute to businesses in adopting improvement strategies with limited resource and informing relevant stakeholders to set up policies in supporting and collaborating with the firms.

Speaker Biography

Dong Li has been awarded his PhD by the University of Nottingham, UK. He is Reader in Operations and Supply Chain Management at the University of Liverpool, UK. His research is mainly in food supply chain management. He has intensively published and guest editing in reputed international journals. He has been primary grant holder for EC and UK funded research projects and is currently leading an over €1M EC H2020 project on food security research.

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