Case Study: A Risk Based Approach to Disaster Response and Business Continuity Planning

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Abstract

By integrating disaster risk into the business planning, the United Nations International Strategy for Disaster Reduction, GAR-13, hopes to achieve a paradigm shift in the way major corporations and other enterprises do their business continuity planning. This paper is a case study of how a major DuPont business developed an understanding of their global supply chain risks and made major risk reductions. This was done while sustaining the integrity of the supply chains, including the risks of natural disasters and other high consequence/rare events at the manufacturing site. The study was broad in scope and included manufacturing facilities and supply chains in Asia, North America, and Europe. This paper will focus on the specific measures taken at one of the facilities. This facility imports, stores, and uses a highly toxic material, and produces and consumes a critical intermediate. The methods used to determine, analyze, and prioritize risks are described.