

# Impacts and Responses for Extreme Weather in Supply Chains

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**Abstract**—There are many phenomena which confirm the fact of climate change. Two kinds of responses are mentioned more often for that: 1. Actions by which this process can be stopped, slowed down or interrupted. 2. Accepting the fact of changing and finding adaptive strategies.

Authors present a research which aimed at to increase the responsiveness of supply chains for the climate change – especially extreme weather. They carried out secondary and primary investigations. First includes longitudinal weather reports, statistics of accidents and extraordinary events in supply chains, such as damages, delay. They used Nominal Group Technique to discover, to group and to qualify (to weight) potential threats.

Results so far pointed out that both physical and control processes are involved in extreme whether consequences. Findings give good risk analysis basis for the case of any disaster coming or not from climate change.

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**Key words**—Climate change, disaster management in supply chains, extreme weather.

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