ABSTRACT:

Prior research has shown that people have a tendency to be overly optimistic about future events in a variety of settings, a phenomenon known as optimism bias. In this study, we suggest that optimism bias has significant implications for IT project risk management, as it may cause people to become overly optimistic that they can easily manage project risks. Drawing upon construal level theory (CLT), we investigate optimism bias in managing IT project risks. This study followed an engaged scholarship approach and was conducted as a joint effort by a university research team and a 600-employee technology company. Specifically, we conducted an initial experiment with 183 employees who were working on a large-scale IT project, and found that a high-level construal of a project risk leads individuals to have a more optimistic perception about successfully managing the project risk, causes them to focus more on benefits over costs in choosing a risk management plan, and leads them to identify more pros than cons associated with a risk management plan relative to a low-level construal. A second experiment with a different subject pool (project managers instead of project team members) and a different manipulation of construal level category/exemplar approach instead of direct manipulation approach based on level of abstraction) yielded results that are consistent with those of the initial experiment. Implications for both theory and practice will be discussed.

BIODATA:

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