

Special Issue Editor 2/2024:

**Prof. Dr. Manfred Kirchgeorg**

## **Impact of Climate Change on Business Administration (Management)**

With CO<sub>2</sub> emissions increasing exponentially over the last century, climate change continues to advance. In the 6<sup>th</sup> report of the Intergovernmental Panel on Climate Change (IPCC), it was scientifically proven that human production and consumption processes constitute a central driver for the increase in greenhouse gas emissions and thus of climate change. With regard to the globally negotiated Paris Agreement (limiting the global mean temperature increase to well below 2 °C), the EU formulated the goal that all member countries should make their economic and social processes CO<sub>2</sub> neutral by 2050. In order to achieve this target, a fundamental and cross-sectoral transformation process must be initiated. While in the 1980s and 1990s, the focus in business administration was still on mitigation approaches to avoid climate change, the relevance of climate adaptation strategies has been increasingly emphasized since the turn of the century. In addition to mitigation goals, adaptations are simultaneously necessary to counteract the physical as well as transitory risks of climate change. As a scientific discipline, business administration is challenged to rethink its theories and models in order to actively contribute to finding solutions for climate-related challenges, to reducing risks and to identifying business opportunities.

The objective of this special issue is therefore to discuss the adaptation needs of the business administration discipline due to climate change. Net zero strategies can only be implemented through comprehensive and integrated transformation processes. This requires all sub-disciplines. Function-related transformation requirements of climate change start at the primary and secondary value chain functions (such as procurement, production, marketing, logistics, financing, HR, controlling). Process-related adaptation requirements can be oriented to the stages of the management process (situation analysis, goal and strategy planning, instruments, organization, control) or operational processes. Sectoral approaches can address climate-related challenges in BtoB and BtoC markets, or in product and service markets. Finally, the question arises to what extent existing theories and models need to be adapted and new as well as interdisciplinary approaches need to be integrated. In principle, contributions to the Special Issue can be based on the various integration paths.

Topics of interest include, but are not limited to:

- What are the impacts of climate change on primary and secondary value chain functions (procurement, production, marketing, logistics, financing, HR, R&D, controlling to name a few)?
- How is climate change affecting the portfolio structure of organizations (e.g. sale of emission intensive parts)?
- What opportunities and risks as well as adaptation needs arise from climate change at all levels of the management process (situation analysis, goal and strategy planning, instruments, implementation, controlling)?
- Which market- and industry-related opportunities and risks of climate change can be identified and have to be managed? (examples: tourism, automotive, energy industry, agriculture, etc.)
- What is the impact of climate change on management theories, models and paradigms?
- Climate change mitigation and adaptation - conflicting or complementary strategies?
- Types of resilience strategies for adapting to climate change
- Strategies to manage physical and transformative business risks of climate change
- International relocation strategies as consequences of climate change
- Degrowth and de-marketing strategies to accelerate net zero transformation processes
- New business models based on decarbonization and net zero strategies
- Inclusion of climate risks in corporate reporting and/or teaching

Theoretical, conceptual as well as empirical or case-based papers can be submitted for the special issue.

*Manuscripts can be submitted either in English or German. Please submit your paper by email (doc or PDF-file) to one of the guest editors of the special issue, which you can also contact for further information and questions. Prior to submission please visit the author guidelines on [www.dieunternehmung.ch](http://www.dieunternehmung.ch) and follow the instructions provided.*

### **Timeline**

Submission of contributions	August 31, 2023
Feedback on initial submission	October 31, 2023
Submission of revised manuscript	January 10, 2024
Submission of final manuscript	March 14, 2024
Publication of special issue	May 2024

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