

Call for Chapters for Edited Volume

For the Book: Economic Effects of Natural Disasters
Scheduled to be published by Academic Press/ Elsevier



While natural hazards/disasters are different from other economic events, they can be defined as events that perturbed the functioning of the economic system. Research about the effects of disasters on economic activities is growing; some consider disasters similar to economic frustration such as a recession phase in a business cycle, while others argue that natural disasters can bring about some long-term economic “benefits” that might lead to Schumpeterian “creative destruction.” In recent studies, the economic impact of climate change and natural disasters has been broadly discussed, and climate change has been attributed to an increasing influence over economic development. However, most of these discussions fail to adequately investigate these effects within a general/ multi-sectoral, macroeconomic model. In the absence of such evidence, this book aims to draw on principles of different theories of growth and distribution to propose a framework for capturing the economic sector’s response to devastating natural disasters. Accordingly, the fundamental objective of this book is to explore the mechanism through which natural hazards/disasters (**such as climatic, geological/geophysical and hydrological hazards**) affect sources of socio-economic development using mathematical and quantitative methods, and real-world data.

This book will be useful to graduate students and researchers, academicians, economists, social scientists, climate change scientists, policymakers, special interest groups and city councils/planners. Chapters, with a research focus, will include **(but are not limited to)** the following suggested topics of interest:

- 1- Evidence from developing and developed countries
 - Labour market and geographical mobility of the labour force
 - Macroeconomic performance
 - Structural changes in agriculture
 - Climatic forecasting and Hazard information as a public good
 - Projecting disaster impacts on investment and/or on foreign direct investment
 - Impacts on small domestic markets, economic development of small island states
 - Impacts on the tourism sector

- 2- Impacts on environmental, ecological, and/or socio-economic systems
 - Environmental, ecological, or social vulnerability
 - Ecological and economic importance of the oceans
 - Environmental or ecological changes as a possible consequence of natural disasters
 - Impact assessment on health and/or public buildings
 - Short-term and long-term ecological costs of natural disasters
 - Changes in ocean circulations and its implications on socio-economic systems

- 3- Impacts on the energy and the transport sectors
 - Impact on the energy supply (generation capacity), demand, and energy operations
 - Analysis of renewable and non-renewable sources of energy demand
 - Protecting electricity networks
 - Impact on road infrastructure and bridges
 - Urbanization and concentration risks
 - Transport infrastructure failure

- Impacts of airports, seaports and freight carriers
- Impact analysis on railway infrastructure
- 4- Impacts on financial development/markets
 - Impacts on capital and stock markets
 - Impacts on the interest rate and borrowing affordability
 - Impacts on credit constraints, credit supply shocks
 - Evaluation of financial protection against natural disasters
 - Innovative financial instruments and financing strategies
 - Impact on small banks in small island states
 - The vulnerability of SME's stock market to natural disasters

Submission Procedure

Researchers and practitioners are invited to submit a maximum 2- page chapter proposal and a short bio by 20th June, 2019 to the Executive Editor (email address: taha.chaiechi@jcu.edu.au). The proposals should contain:

- Title of chapter, Author name/s and their institutional details,
- Corresponding author's email address, Abstract of maximum 500 words containing a brief summary of the chapter mission, theme and content,
- 3-5 Keywords,
- A short bio (maximum of 100 words).

Authors of accepted proposals will be notified by 1st July 2019 about the status of their proposals along with chapter writing guidelines. The first draft of chapters is expected to be submitted by 15 November, 2019.

Important Dates:

20th June 2019: Proposal Submission Deadline

1st July 2019: Notification of Acceptance of Proposals

15th November 2019: Full Chapter Submission (6,000 – 8000 words)

15th December 2019: Review Results Returned

15th February 2020: Revised Chapter Submission

15th March 2020: Full Acceptance Notification

20th April 2020: Final Chapter Submission (6,000 – 8000 words)

Editorial Team

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