

# International Conference

## Big Data for Disaster Response and Management in Asia and the Pacific

Sendai, Japan | 15-17 February 2024

# CALL FOR ABSTRACTS

## Submission Guidelines

Authors should submit a 500-word abstract by **20 September 2023**. The submission should highlight the motivation, dataset and methodology for a policy relevant research application on the theme, and include:

- Title
- Name of author(s) and affiliation(s)

Successful applicants will be notified by **20 October 2023**.

Authors of selected abstracts should submit presentation materials and a draft paper (if available) to share with discussants by **15 January 2024**; and commit to in-person participation during the conference on **15-17 February 2024**. The material should discuss policy recommendations and/or action points based on the research insights.

ADB will support travel and accommodation for one author per paper, who must be a citizen of an ADB member economy.

Papers presented at the conference will be considered for publication in special issues of *Economics of Disasters and Climate Change* and *Progress in Disaster Science* in 2024, and will undergo the standard review process.

### Organizing Committee

Madhavi Pundit, ADB  
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## SUBMIT NOW

As the frequency and intensity of disasters increase in Asia and the Pacific, the use of big data is becoming crucial for timely, evidence-based decision making in disaster management. Rapid assessments of the impact of disasters on social and economic conditions support effective disaster response and management. Studies are exploring non-traditional datasets such as remote sensing, mobile location data, and social media data, in combination with traditional datasets from surveys and census to assess the impact on different segments of the economy. Some examples are in Asian Development Bank's Technical Assistance: [Nowcasting and Disasters: Impact-Based Forecasting and Socioeconomic Monitoring](#).

The Call for Abstracts welcomes research and practical applications on the theme "[Big Data for Disaster Response and Management in Asia and the Pacific](#)". Contributions from both academic and practitioner communities are encouraged. The motivation is to gather case studies and applications of different big data and new methodologies in disaster assessments, with a focus on economic and social impacts, in Asia and the Pacific. The Asian Development Bank and the International Research Institute of Disaster Science will jointly organize a conference in Sendai, Japan on **15-17 February 2024**. Please refer to the submission guidelines for further information.

