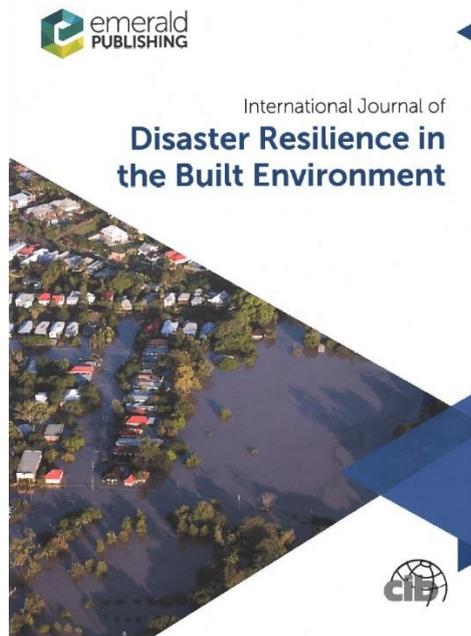




December 2018

**CIB Encouraged Journal
Call for Papers Themed Issue
IJDRBE: International Journal of Disaster Resilience in the Built Environment**



End-to-end tsunami early warning systems

You are invited to submit abstracts for the CIB Encouraged International Journal of Disaster Resilience in the Built Environment (IJDRBE) with a themed issue on "End-to-end tsunami early warning systems" that is in collaboration with IOC-UNESCO IOTWMS.

Background

Experience over recent years of the impacts of tsunamis has shown that inadequate preparation for, and response to, emergency situations have contributed to widespread damage and the avoidable loss of lives and livelihoods. A 2015 United Nations (UN) report estimates that each year, an additional 60,000 people and \$4 billion (US\$) in assets are exposed to the threat of tsunami hazard.

As demonstrated by the human and economic losses from the 2004 Indian Ocean and 2011 Tōhoku disasters, and most recently, in Palu, Indonesia, tsunamis inflict death and damage through violent, powerful flooding along the world's coastline.

Despite significant progress and achievements in the development of regional warning systems in the Pacific and Indian Oceans, recent studies and practical experiences have highlighted limitations in detection and communication systems, and also inadequate awareness, planning and coordination. There is also a need to position the tsunami early warning systems and preparedness in the wider context of social change in the coastal societies and communities at risk, and for critical reflection of 'on-the-ground' experiences and lessons learnt.

This special issue is a joint initiative between the International Journal of Disaster Resilience in the Built Environment and the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS), which was formed in response to the tragic tsunami on December 26th 2004, in which over 230,000 lives were lost around the Indian Ocean region.



It is hoped that the special issue will stimulate the development and sharing of new knowledge on tsunami detection, warning and dissemination, tsunami risk assessment and mitigation, community awareness and preparedness.

Contents of the themed issue

High quality original papers are invited for this themed issue on "end-to-end tsunami early warning systems". All papers will be subject to the journal's double-blind peer review process.

This issue will cover the following sub themes related to tsunami (but not limited to them):

- Detection and monitoring
- Forecasting
- Vulnerability assessment and reduction
- Emergency response planning
- Community preparedness, evacuation planning and infrastructure
- Sustainability of tsunami warning system, including maintenance, financial resources and intergovernmental coordination

Submissions

We are calling for abstracts (200 words) with a proposed title, and up to three key words. These will be reviewed against the themed issue scope. Authors of the selected abstracts will be invited to submit full papers according to the journal's author guidelines [here](#). Further instructions on the preparation of full manuscripts will be issued to authors of selected papers.

Any queries or abstracts should be submitted to the Guest Editors. The themed issue editors are Professor Priyan Dias, Dr Harkunti Rahayu and Dr Srinivasa Kumar Tummala. Please forward your queries to Prof Priyan Dias (priyandias55@gmail.com).

Guest Editors

- Professor Priyan Dias
Department of Civil Engineering, University of Moratuwa, Sri Lanka
- Dr Harkunti Rahayu
School of Architecture, Planning and Policy Development, Institute Technology of Bandung, Indonesia
- Dr Srinivasa Kumar Tummala
Head of Indian Ocean Tsunami Warning and Mitigation System (IOTWMS) Secretariat, IOC UNESCO Intergovernmental Coordination Group, Australia

Important deadlines

15h January 2019	Deadline for abstract submission
30th January 2019	Decision and call for full papers
30th April 2019	Full paper submission

CIB Recognised and Encouraged Journals

IJDRBE is one of our Encouraged Journals. For a complete list of CIB recognised and CIB encouraged journals, and information on these journals see [here](#).

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