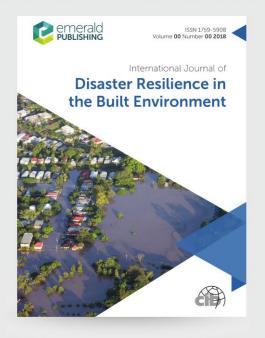
Prof. Richard Haigh & Prof. Dilanthi Amaratunga

ICG/IOTWMS Working Group 1 on Tsunami Risk, Community
Awareness and Preparedness
Intersessional Meeting – 17 & 18 April 2023









Editors:

Professor Dilanthi Amaratunga & Professor Richard Haigh Global Disaster Resilience Centre, University of Hudders #Id, UK

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<u>International Journal of Disaster Resilience in the Built Environment</u>

- Special issue in memory of Professor Samantha Hettiarachchi
- Guest Editor Prof. Priyan Dias
- Call for papers in 2019; Published in 2020, Volume 11, Issue 2
- 9 research articles & 1 editorial
- Approximately 7,000 downloads
- 2 research articles have already been cited in 10+ other articles





International Journal of

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Guest editorial

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Early wurning systems to reduce tsunami impacts

Professor Samantha Hettiaratchch; PhD (Lond), DIC, was a Senior Professor in Civil Engineering at the University of Moranuwa, and a Fellow of the National Academy of Sciences, Sci Lanka (NASSL). He made exceptional national and international contributions in the areas of coastal engineering, coastal zone management and disaster risk reduction. He was the Vioe-Chairman and Acting Chairman of the steering group that installed the Indian Ocean Finsanani Warning and Mitigation System (IOTWS), collaborating with 26 Indian Ocean Finsanani Warning and Mitigation Tunanan Risk Assessment, now in its second edition (INESSCO/IOC, Instanta to the Assessment, Institute (IAII), the Disaster wow in the second edition (INESSCO/IOC), Institute (IAII), the Disaster Management Centre (IDMC), and the National Science Foundation. He was consulted by the Governments of Indonesia and Onan, in addition to that of Sri Lanka.

Professor Hertiarachchi died at the relatively young age of 82 in Agril 2018, after a corrangous battle against cancer. This special issue is meant to celebrate bis life and work. It is appropriate that this gedenktolvijt is carried in III.0RIR, because he collaborated very closely with its Chief Editors, being an editorial board member from its inorgition. He was also a keynote speaker at the 3rd international Conference on Building Resilience at Athongalis in 2013, a conference series that is closely associated with this journal. The issue will be launched, firtingly in partnership with UNISCO too, at the 9th conference in the series to be held in Rola in January 2003. The actual call for pages was issued at a memorial lecture in Prof Hettiarachchi's honcor, delivered in Colombo by Professor Eduard Kissling, Professor of Geophysics at ETH Zurich, under the ampiers of the NASSI.

There are nine contributions in this issue, tilted Early Warning Systems for Reducing Tunuami Impact. Three of them are from Sci Lanka, which is to be expected given Prof Bettiarachchi's notrebnoss in his home content. However, there are others from Jupan, Canada, Indonesia and Sweden, and two from the United Kingdom. The UK is where Prof Bettiarachchi engaged in most of his sinital academic collaborations. He obtained his doctorate from Imperial College London working under Prof Patrick Holmes, in the course of which he developed links with BW Wallingford; and subsequently worked for a year in the Maxitime Engineering Group of Ove Awap and Partnern, London. It is only after the Indian Ocean tunuami of 2004 that he broadened his travels and interactions, many of which are reflected by the author affiliations in this issue.

Japan is a country that extended significant technical assistance to Sri Lanka soon after the tennant. The Canadian paper is from the University of Calgary (sointy) with LBB, which hunched the International Institute for Infrastructure Resilience and Reconstruction (IIIRR), largely spenchased by some Sri Lankan academics there. Redomesis in a key country that was involved in the IOTWS. The Swedish Land University link is thanks to the European Union funded seven-country ASCENT project, interded to strengthen research and innovation capacity for the development of societal resilience to disasters. This project was the lay Prolessors Diabrath Amaratunga and Exchate Haigh of Haddersfield University, who are the joint chief editors of IIOSIE and authors in two of the papers berein. Marcy of the other authors are Prolessors Esterinschaft's students, two of them fall surfessors—one at the



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15

- In 2021, we issued another call for a special issue on *Technology* enabled tsunami early warning: opportunities, gaps, barriers and challenges
- We did not receive enough papers to justify an issue from the **IOTWMS** community
- However, after peer review, 3 related papers were accepted and are being published in regular issues





Guest editorial

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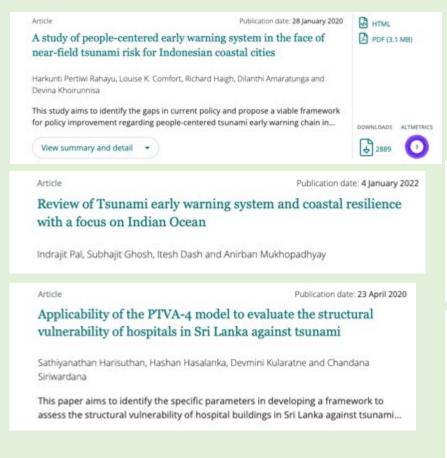
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Several papers have been published in the journal which are directly related to IOTWMS themes





Richard Haigh, Maheshika Menike Sakalasuriya, Dilanthi Amaratunga, Senaka Basnayake,

upstream-downstream interface process of the tsunami early warning and mitigation

The purpose of this paper is to deliver a detailed analysis of the functioning of

Siri Hettige, Sarath Premalal and Ananda Jayasinghe Arachchi

system...

View summary and detail .



Article Publication date: 15 December 2020

Guiding factors for planning public open spaces to enhance coastal

R.R.J. Chathuranganee Jayakody and Dilanthi Amaratunga

cities' disaster resilience to tsunamis

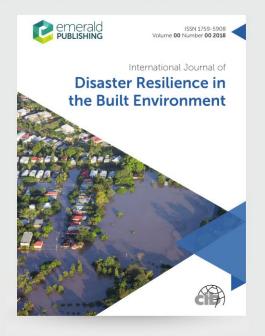
Public open spaces (POS) in cities are often measured as a strength to enhance cities' sustainability with a contribution to the three pillars: economic, social and...

rticle Publication date: 11 October 2019

A multi-scenario assessment of the seismogenic tsunami hazard for Bangladesh

Janaka J. Wijetunge

This paper aims to describe a multi-scenario assessment of the seismogenic tsunami hazard for Bangladesh from active subduction zones in the Indian Ocean region. Two...



Editors:

Professor Dilanthi Amaratunga & Professor Richard Haigh Global Disaster Resilience Centre, University of Hudders #id, UK





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<u>International Journal of Disaster</u> Resilience in the Built Environment

We continue to welcome submissions or special issue proposals from IOTWMS / tsunami related research