



Journal of Risk Research >

Latest Articles

29 | 0

Views | CrossRef citations to date | Altmetric

Research Article

Community preparedness for natural hazards in two Chilean coastal cities

Javiera V. Castañeda **Paula B. Repetto, Nicolás C. Bronfman & Pamela C. Cisternas**

Received 27 Jul 2023, Accepted 23 Jul 2024, Published online: 10 Aug 2024

Cite this article

<https://doi.org/10.1080/13669877.2024.2387355>

Check for updates



Full Article

Figures & data

References

Citations

Metrics



Reprints & Permissions

Read this article

Abstract

Chile is a country with high exposure to earthquakes and tsunamis. However, cities present different levels of community preparedness. Understanding the decision-making process for adopting preparedness measures is essential to motivating community participation while considering the local needs of each city. Considering the Protective Action Decision Model (PADM) to understand community preparedness, this study explores the role of risk perception, risk awareness, and trust in authorities in community preparedness in two coastal cities in Chile. A sample of 1093 inhabitants of

two coastal cities, Valparaíso and Concepción, participated in the study. The results indicate significant differences between coastal cities' preparedness levels and their determinants, particularly risk perception and awareness. Despite these differences, our results show that trust in authorities is related to Chile's community preparedness levels in both locations.

Q Keywords: Risk awareness risk perception trust in authorities preparedness

Disclosure statement

The authors do not have competing interests to declare.

Additional information

Funding

This work was supported by the Fondo de Financiamiento de Centros de Investigación en Áreas Prioritarias under Grant ANID/FONDAP/1522A0005 & ANID/FONDAP/152220002; Fondo Nacional de Desarrollo Científico y Tecnológico, Grant FONDECYT Project ID1221047.

[Previous article](#)

[View latest articles](#)

[Next article](#)

Log in via your institution

➤ [Access through your institution](#)

Log in to Taylor & Francis Online

➤ [Log in](#)

Restore content access

› Restore content access for purchases made as guest

Purchase options *

[Save for later](#)

PDF download + Online access

- 48 hours access to article PDF & online version
- Article PDF can be downloaded
- Article PDF can be printed

USD 53.00

 Add to cart

Issue Purchase

- 30 days online access to complete issue
- Article PDFs can be downloaded
- Article PDFs can be printed

USD 420.00

 Add to cart

* Local tax will be added as applicable

Related Research

People also read

'We live with the floods' – Intersectional Risk Theory in the analysis of household's flood risk in Monterrey, Mexico >

Recommended articles

Cited by

Libertad Chavez-Rodriguez

Journal of Risk Research

Published online: 9 Aug 2024