



Understanding Disaster Preparedness Through Survivor Perspectives

Building Disaster Resilience Through SkillBased Literacy: Lessons from the 2023 Turkey Earthquake

Ömer Cem Karacaoğlu

Background and Motivation

- Access to information, emotional resilience, and community solidarity were major challenges.
- Fieldwork with survivors and firefighters + Expert feedback from U.S. disaster specialists.
- Need for holistic disaster literacy education.

RESEARCH ARTICLE

Earthquake Experience: Emotional, Social, and Cognitive Dimensions

Ömer Cem Karacaoğlu¹ , Berrin Güner² 

Abstract

This research examines the emotional, social, and cognitive experiences of the 2023 earthquake in Turkey from a phenomenological perspective. This qualitative study conducted on 8 survivors living in Hatay revealed the multifaceted effects of the earthquake on individuals. The emotional experiences of the participants during the earthquake, their perceptions of their pre-disaster preparations, and the effects of the earthquake on their outlook on life were analysed through in-depth interviews. The findings show that the earthquake is not only limited to physical damage but also profoundly affects emotional

Humanities & Social Sciences
Communications

ARTICLE

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Access to information and social solidarity in the 2023 Turkey earthquake: disaster education as citizenship education

Jennifer Tupper¹  & Ömer Cem Karacaoğlu^{2,3} 

This qualitative study explores the experiences of 16 survivors of the 2023 earthquake in Turkey, aiming to highlight the critical role of disaster education within broader citizenship education. Through semi-structured interviews and thematic analysis, the study

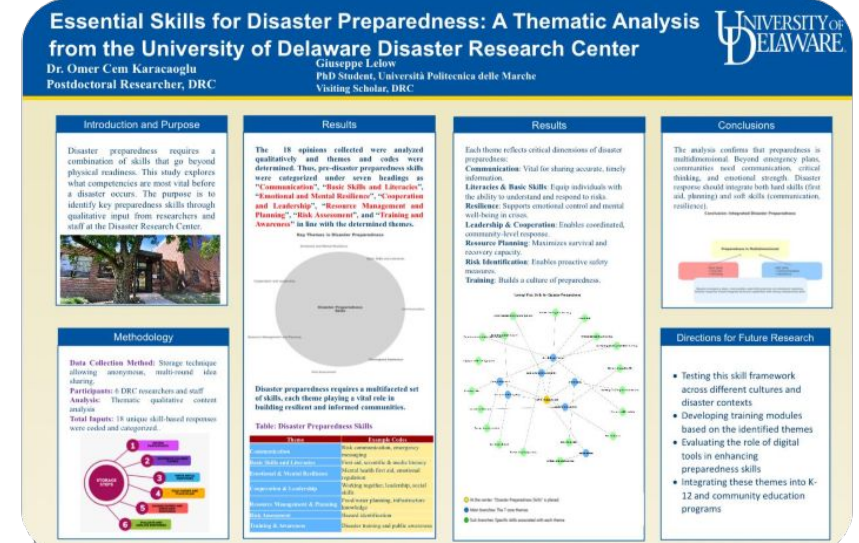
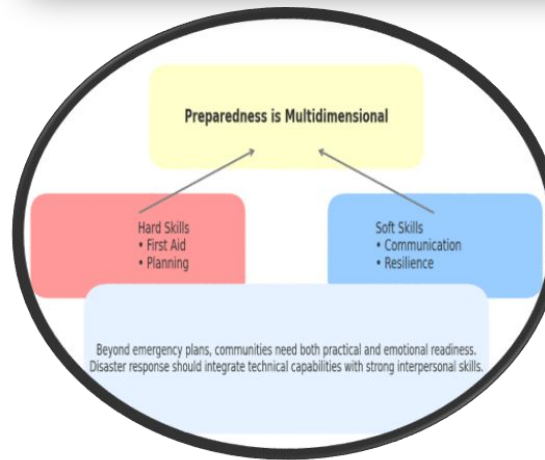
Moving to a Skill-Based Framework

FINDINGS

Shaped the Revised Basic Disaster Literacy Skills

Organized into Pre-Disaster, During-Disaster, and Post-Disaster phases

Validated for international application



Skills

Pre-Disaster

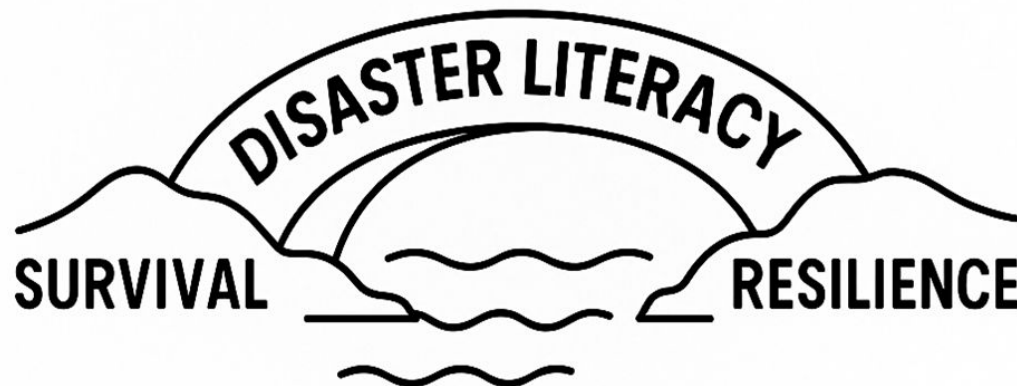
During-Disaster

Post-Disaster



Conclusion

- Disaster literacy is the bridge between survival and resilience.
- Building individual and collective skills is crucial.
- Education saves lives – before, during, and after disasters.



Authors

Ömer Cem Karacaoğlu^{1,*}, Demet Karacaoğlu², Nihan Özbaltan³

¹ Department of Educational Science, Aydın Adnan Menderes University, Aydın, Turkey

² İzmir Bakırçay University, İzmir, Turkey

³ Department of Computer Science, İzmir Bakırçay University, İzmir, Turkey

* Corresponding author. Email: cemkaracaoğlu@gmail.com

Corresponding Author

Ömer Cem Karacaoğlu

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REVIEW ARTICLE

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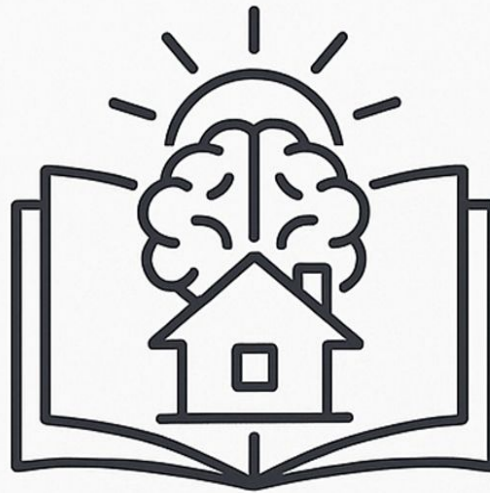
COVID-19 and teachers' digital competencies: a comprehensive bibliometric and topic modeling analysis

İbrahim Gökdaş¹, Ömer Cem Karacaoğlu² & Abdulkadir Özkaya³

With the escalating global emphasis on information and communication technologies, the imperative of bolstering and enhancing teachers' digital proficiencies comes to the forefront. Against this backdrop, this study endeavors to discern the prevailing trends and principal themes in the scholarly landscape by conducting a comprehensive analysis of research pertaining to teachers' digital competencies. The methodological framework of the inquiry encompasses two pivotal phases: bibliometric analysis and topic modeling analysis focusing on teachers' digital competencies. Drawing upon a corpus of 3352 documents spanning the years 1994 to 2024 sourced from eminent databases such as Web of Science and Scopus, these analyses serve as the cornerstone of the investigation. By subjecting the texts to descriptive content analysis and topic modeling analysis, the study seeks to pinpoint the focal points and unveil semantic patterns inherent within the literature. The primary revelations of the inquiry underscore the burgeoning interest in studies pertaining to teachers' digital competencies, particularly spurred by exigent circumstances such as the COVID-19 pan-

Thank You!

- Let's build resilient communities together.



*Disaster education is not a checklist.
It's a mindset. And mindsets can be
taught, lived, and shared.*

Pre-Disaster

- Assess home safety
- Develop emergency plan
- Secure household items
- Prepare supplies (go-bag)
- Practice first aid
- Digital literacy
- Disaster drills
- Psychological prep
- Shut off utilities

During-Disaster

- Maintain composure
- Identify evacuation routes
- Use multiple communication
- Apply first aid / CPR
- Adapt to conditions
- Alternative comms
- Coordinate with neighbors
- Protect vulnerable populations
- Problem-solving & teamwork

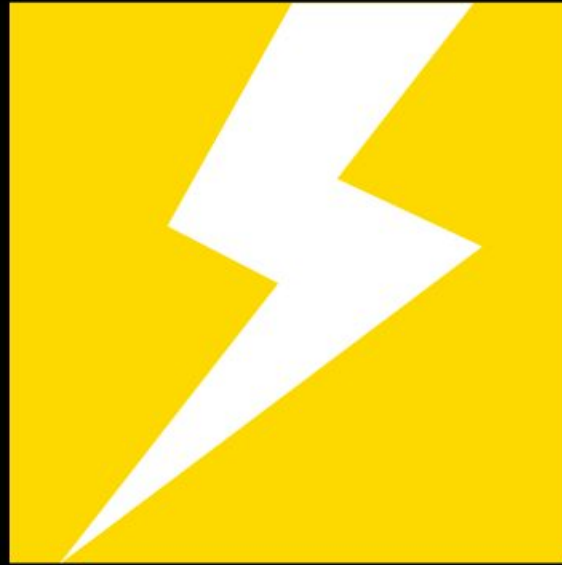
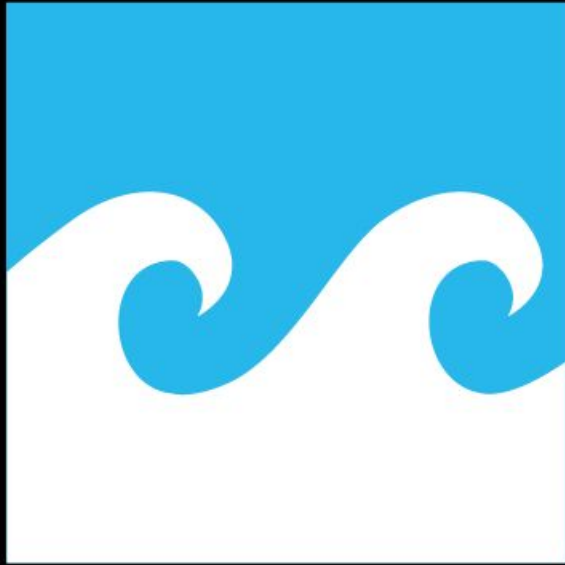
Post-Disaster

- Provide emotional support
- Gather damage data
- Access disaster relief
- Support recovery efforts
- Share accurate info
- Participate in rebuilding
- Check on vulnerable people
- Manage stress
- Promote preparedness culture

CULTURAL VALUES LESSONS
REFLECT CULTURAL LOCAL REALITIES
TURKEY Disaster JAPAN Literacy
NEW ZEALAND WITH JAPAN
WITH LOCAL ADAPTATIONS
UNDERSALLY ENGLAND
UNIVERSITY

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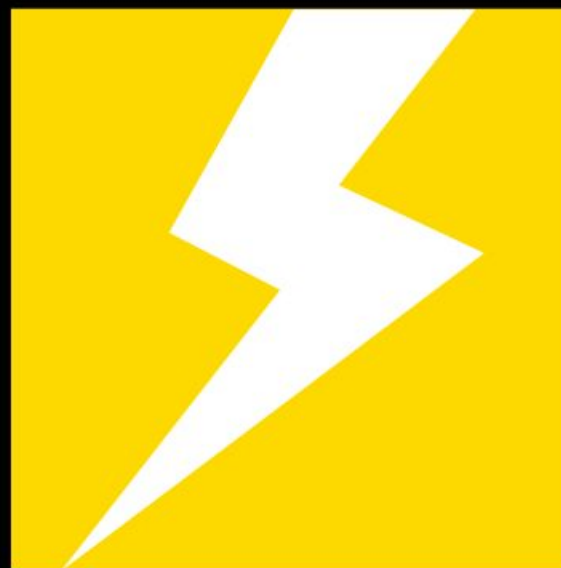
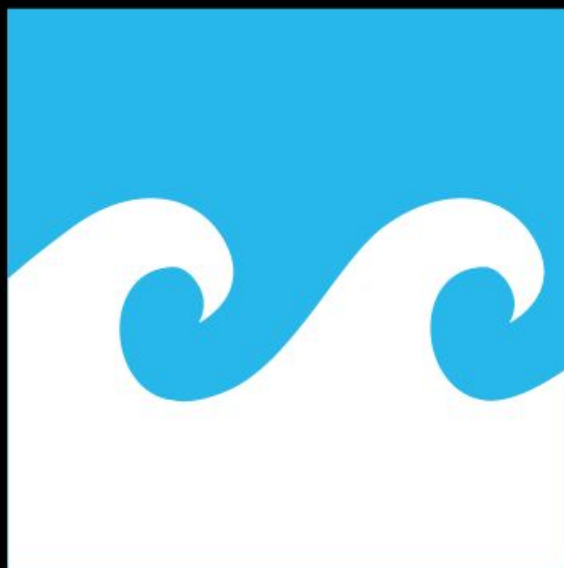




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