

Roadmap for Implementing Effective Health Management on the Ground Crossing Borders during Emergencies

Diana G. Sami and Sungsoo Chun

Institute of Global Health and Human Ecology, The American University in Cairo, New Cairo 11835, Egypt
E-mail: dianasami@aucegypt.edu

Abstract: Ground crossing borders are considered a threat to health security due to their complex and challenging environments. The objective of this scoping review is to identify the main themes crucial for implementing effective health management at ground crossing borders to maintain health security.

Method: Methodological framework developed by Arksey and O’Malley and the Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews (PRISMA-ScR).

Eight themes are **interconnected**, and are crucial for implementing **effective health management** at the **ground crossing borders** and for **better emergency preparedness responses** among **countries**.



Scan for Full Article

Strengthening Health Security at Ground Border Crossings: Key Components for Improved Emergency Preparedness and Response—A Scoping Review



Upcoming Research Scan for Survey

Challenges for Implementing Health Security in Ground Border Crossings in the MENA



Figure 1: PRISMA flow diagram illustrating the article search and selection process

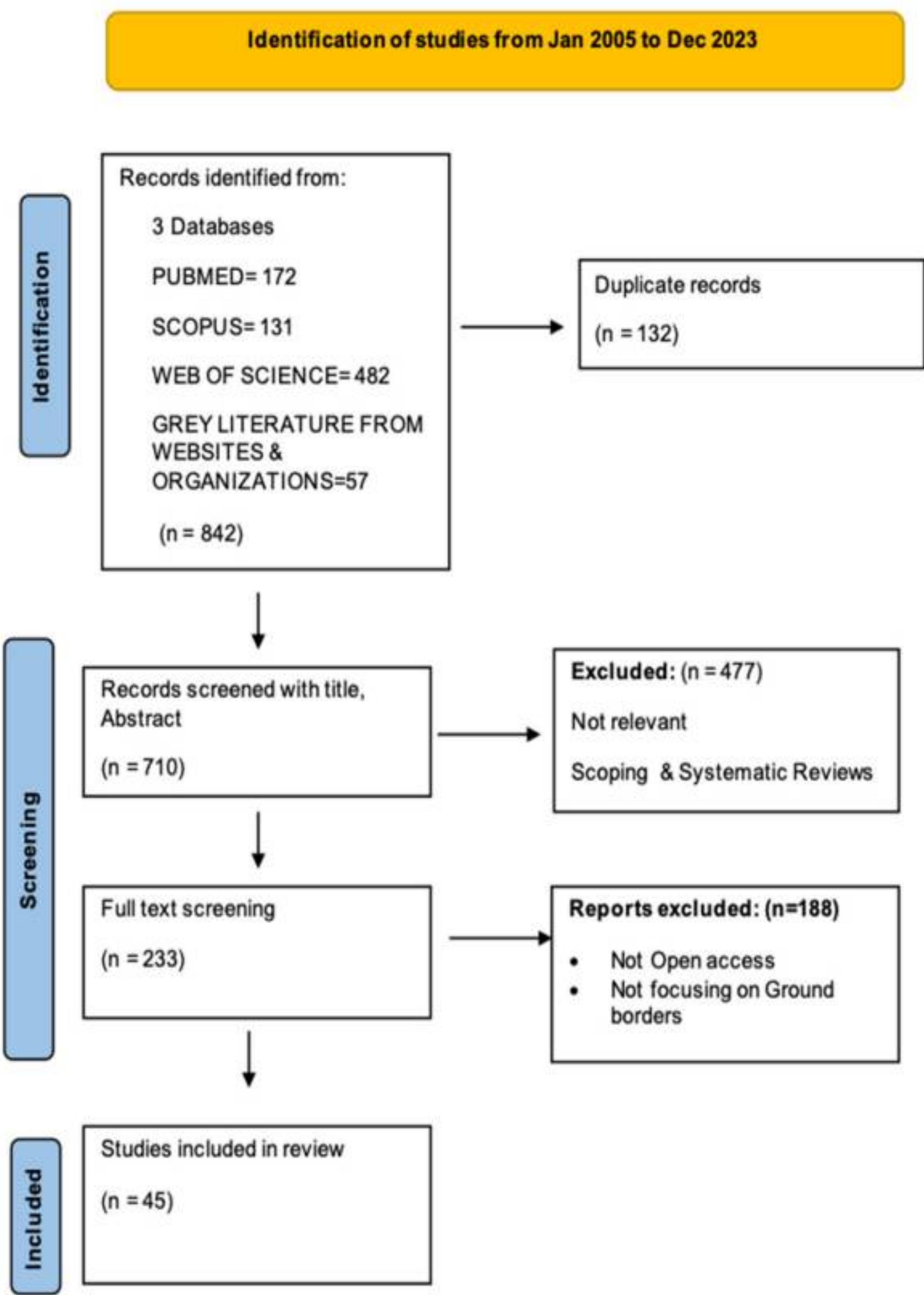


Table 1. Themes extracted, their frequency, and percentage.

Theme:	Frequency	Percentage
I. Infection Prevention and Control Measures	20	17
II. Collaboration, Coordination, and Partnership	20	17
III. Research and Data Sharing	18	15
IV. Building Border Health Capacity	16	13.5
V. Planning	16	13.5
VI. Communication	15	13
VII. Legislations and Frameworks	8	7
VIII. Services and Assistance for At-Risk Groups	5	4
Total	118	100

Frequency: No. of occurrences of theme in the papers. More than one theme can be found in a paper. Percentage: (Frequency/Total Frequency) × 100.