Criteria for deployment of the United States National Guard to domestic sudden-onset natural disasters: a scoping review.

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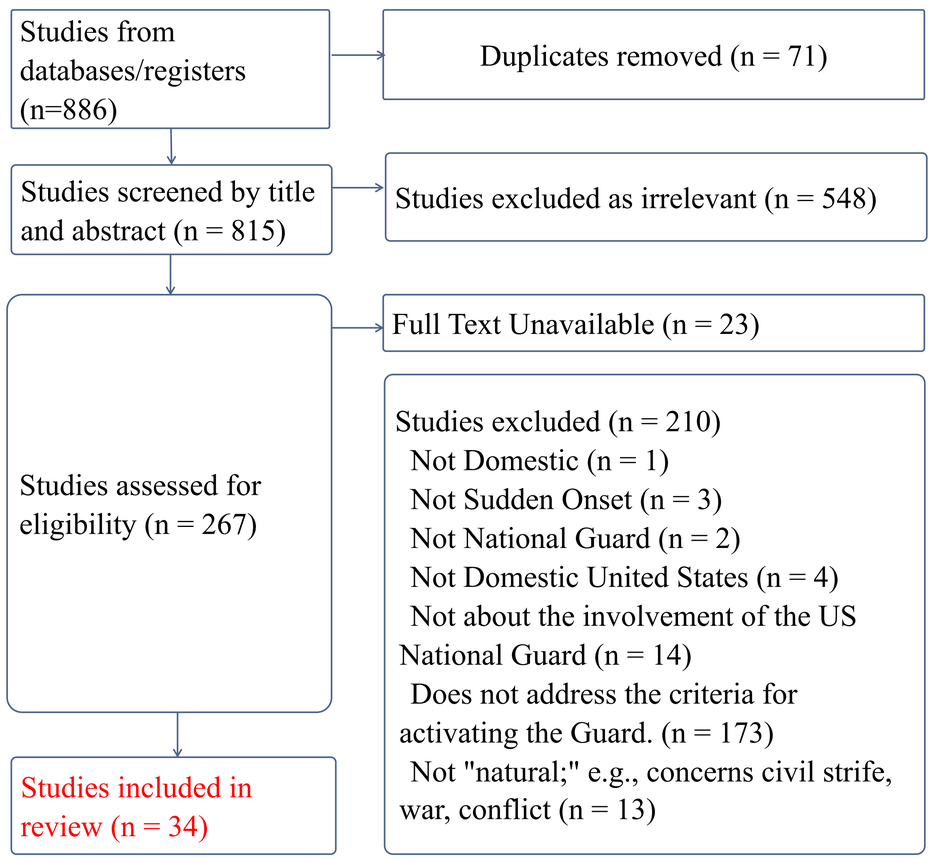
Figure 1: PRISMA-ScR flow diagram



Objective: To perform a scoping review identifying the criteria for the deployment of the United States National Guard (USNG) to domestic sudden-onset natural disasters to identify the body of literature on which further research and policy decisions may be based.

Methods: On January 23, 2023 authors performed a search to identify texts relevant to the involvement of the USNG response to sudden-onset domestic natural disasters. English language texts from any year were considered. Independent reviewers screened titles and abstracts, then full-texts, then extracted data from included texts.

Results: From 886 search results, 34 texts were included. Fifteen criteria for USNG deployment were identified. Lack of security, power failure, and logistical coordination were the most common criteria. Hurricanes were the most common disaster type in the included results.

Conclusions: Disaster response coordinators may use these results to develop policies optimizing the use of the USNG in disaster response.

Figure 2: Criteria for deployment of the USNG to domestic sudden-onset natural disasters and the frequency of their appearance in the results.

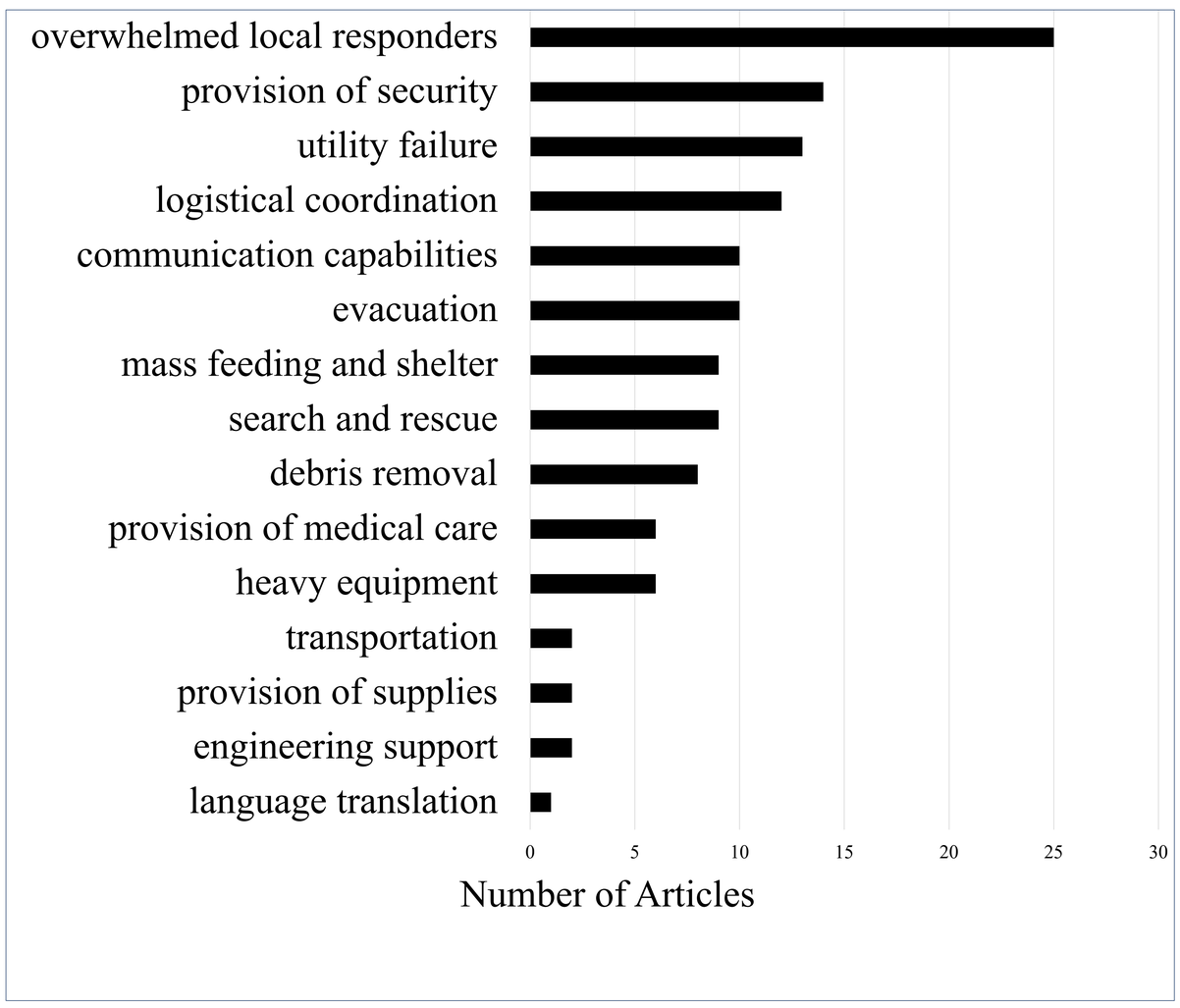


Figure 3: Frequency of predominant disaster type in the results.

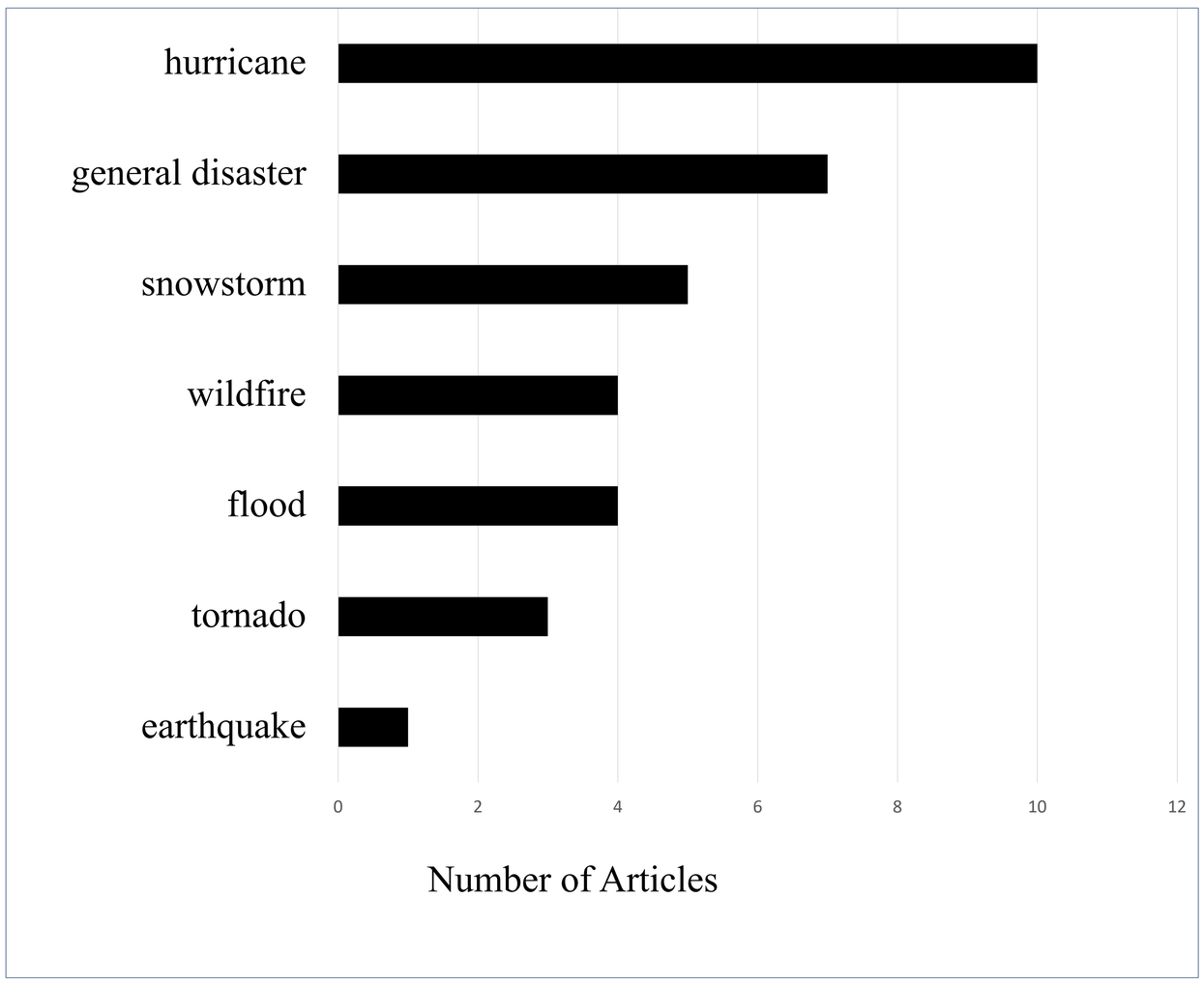
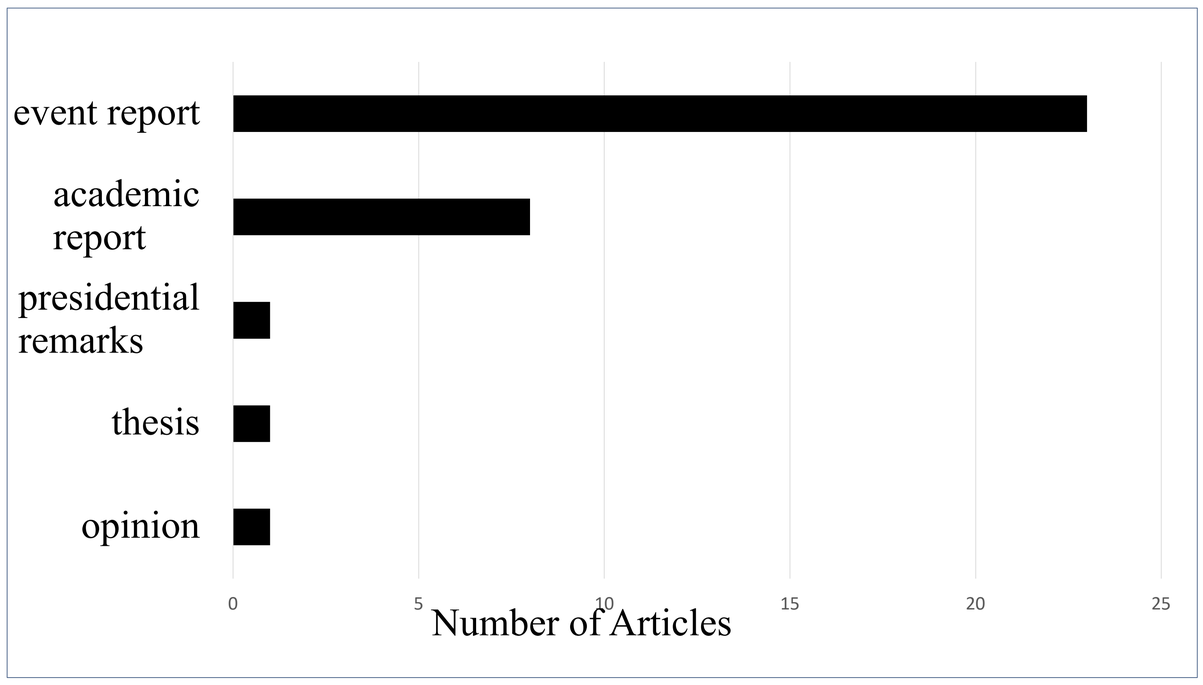


Figure 4: Frequency of type of literature in the results.



Florida National Guard Soldiers evacuate residents during Hurricane Ian relief efforts in Arcadia, Fla., Oct. 3, 2022. U.S. Army courtesy photo by Spc. Samuel Herman. Creative Commons License.

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