

Peer Review File

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Reviewer A

Comment 1: First, the title needs to indicate the type of this paper, i.e., a narrative review.

Reply 1: Added narrative review to title to indicate the type of paper.

Comment 2: Second, the abstract is not informative. The authors need to indicate the potential public health significance of the review focus on transportation mobility and resilience and health at community-level and explain why there is a need for this review. Please also briefly report the main findings from the literature reviewed, such as the definition of community resilience, its association with mobility and health. Please also have comments on the limitations of prior studies and have comments on the public health implications of the findings from this review.

Reply 2: Added to the abstract to address potential public health significance, support main findings, definition of community resilience and its association with mobility and health, and comments on limitations of prior studies, and public health implications from findings.

Third, the introduction of the main text needs to have a brief overview of the history of resilience and health at community-level and explain the public health importance of the focus on transportation mobility.

Reply 3: Added a brief overview of the history of resilience and health at the community level and added an explanation expanding on the public health importance of the focus on transportation mobility.

Fourth, in the main text of review, the authors need to review the measurements of the resilience and health at community-level and provide empirical evidence on the resilience-health association at community-level. Please review the factors influencing community resilience and have comments on the methodology and limitations of prior studies.

Reply 4: Added limitations and methodology for each study and paper reviewed, and provided empirical evidence where possible.

Finally, in the conclusion, the authors need to have comments on the public health implications of the findings from the review and the limitations of prior studies.

Reviewer B

Comment 1: Starting in line 61, recommend removing the following text as this information can be reviewed in the author information. "This article is written by

Stantec, an architecture and engineering (A&E) firm. The authors are a part of Stantec's Smart (ER) Mobility team (1). Stantec's Smart(ER) Mobility team envisions using mobility as a tool for positive social change through a focus on equity and resilience (1).”

Reply 1: [Removed this sentence in line 61.](#)

Comment 2: Starting on line 77 it mentions “Health includes physical, behavioral, social, and environmental health and wellbeing, and is a big part of resilience (3). Health is a key foundation of a resilient community, and the purpose behind protecting infrastructure, and preparing for disaster is to preserve health and welfare (3).” However, these key health factors are not further outlined, reviewed, or assessed. It is recommended that each of these topics be further outlined to review the public health significance and influence as related to resilience in the following sections. The review should be supported with empirical evidence.

Reply 2: [Removed this sentence to avoid confusion with the multiple factors mentioned in the sentence and focused on health resiliency and community health resilience in the main text of the paper.](#)

Comment 3: The overarching recommendation would be to outline and establish the overall public health and environmental health significance of the paper. It is recommended that each section highlight this focus and establish a common theme on the specific health outcomes identified and addressed, and how they relate to supporting resilient communities and the overall findings of this review. It would be beneficial to provide supporting evidence on the resilience-health association for each section of the paper and as related to the health outcomes identified in the literature.

Reply 3: [Added a discussion of public health in each section of the paper to establish a common theme on health outcomes and how they relate to supporting resilient communities.](#)