

## PEER REVIEW HISTORY

BMJ Open publishes all reviews undertaken for accepted manuscripts. Reviewers are asked to complete a checklist review form and are provided with free text boxes to elaborate on their assessment. These free text comments are reproduced below.

### ARTICLE DETAILS

<b>TITLE (PROVISIONAL)</b>	Identifying the impact of climate variables on biological and chemical contaminants of preharvest foods and their associated food safety risks: A scoping review protocol
<b>AUTHORS</b>	Zai, Brenda; McReavy, Samantha; Hogan, Grant; Ng, Victoria; Papadopoulos, Andrew; Young, Ian; Grant, Lauren E.

### VERSION 1 - REVIEW

<b>REVIEWER NAME</b>	<i>Avoi, Richard</i>
<b>REVIEWER AFFILIATION</b>	University of Malaysia Sabah, Dept of Community & Family Health
<b>REVIEWER CONFLICT OF INTEREST</b>	None
<b>DATE REVIEW RETURNED</b>	05-Feb-2024

<b>GENERAL COMMENTS</b>	<p>Generally well written protocol for scoping review, however few points need consideration for improvement of the protocol:</p> <ol style="list-style-type: none"> <li>1. Considering the multidisciplinary nature of climate change's impact on food safety research, you might also consider adding other databases that cover agricultural and environmental science research.</li> <li>2. Line 112: specify "all population" and "population groups"...who are those?</li> <li>3. Line 199: Data extraction will be using a data extraction form (is it possible to include the form)</li> </ol>
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<b>REVIEWER NAME</b>	<i>Alam, Mahbub-Ul</i>
<b>REVIEWER AFFILIATION</b>	ICDDR, Environmental Interventions Unit
<b>REVIEWER CONFLICT OF INTEREST</b>	I have no competing interest
<b>DATE REVIEW RETURNED</b>	14-Feb-2024

<b>GENERAL COMMENTS</b>	The scoping review protocol titled "Identifying the impact of climatic factors on biological and chemical contaminants of preharvest foods and their associated food safety risks: A scoping review protocol" looks good. This is ready for publication.
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### VERSION 1 – AUTHOR RESPONSE

Reviewer: 1

Dr. Richard Avoi, University of Malaysia Sabah

Comments to the Author:

Generally well written protocol for scoping review, however few points need consideration for improvement of the protocol:

Thank you for your positive review and helpful comments, which we address below:

**1. Considering the multidisciplinary nature of climate change's impact on food safety research, you might also consider adding other databases that cover agricultural and environmental science research.**

Database selection was completed in consultation with the Research Team, which includes subject matter experts in foodborne and waterborne diseases, and with a Research Librarian at the University of Guelph with agri-food expertise. The databases do include coverage of agriculture and environmental sciences, specifically AGRICultural Online Access, CAB International, and Web of Science. In addition, we have included grey literature sources representing international, national, and provincial government organizations with agriculture and/or environmental science mandates. Given the time and resources available for the study in addition to coverage provided by the above information sources, we are confident that we have achieved extensive coverage of literature relating to both climate change and food safety, and fully agree with the reviewer with respect to its multidisciplinary nature.

**2. Line 112: specify "all population" and "population groups"...who are those?**

We have modified the wording to "The proposed scoping review will include studies investigating climate-sensitive preharvest food biological and chemical contaminants projected to increase risk of foodborne and waterborne diseases in the Canadian population." for clarification.

**3. Line 199: Data extraction will be using a data extraction form (is it possible to include the form)**

The data extraction form has been added to the Appendix as *Table 6*.

**Reviewer: 2**

**Mr. Mahbub-UI Alam, ICDDR**

**Comments to the Author:**

The scoping review protocol titled "Identifying the impact of climatic factors on biological and chemical contaminants of preharvest foods and their associated food safety risks: A scoping review protocol" looks good. This is ready for publication.

Thank you.