

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 75631

Title: Epidemiology for public health practice: The application of spatial epidemiology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06253499

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-13 14:47

Reviewer performed review: 2022-02-16 15:04

Review time: 3 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Please find my minor revision comments in attached file.

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 75631

Title: Epidemiology for public health practice: The application of spatial epidemiology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05467547

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Consultant Physician-Scientist, Surgical Oncologist

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-18 02:16

Reviewer performed review: 2022-03-18 06:55

Review time: 4 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The article was excellent, however, a minor typo are occurs and subjected to be revised.
For example, in paragraph 2, written "PM2.5 pollution".. ? It need to be corrected.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05491766

Position: Peer Reviewer

Academic degree: MPhil, PharmD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-22 09:27

Reviewer performed review: 2022-03-23 01:08

Review time: 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

No comments as this is letter to editor

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Name of journal: *World Journal of Diabetes*

Manuscript NO: 75631

Title: Epidemiology for public health practice: The application of spatial epidemiology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05355863

Position: Peer Reviewer

Academic degree: BSc

Professional title: Research Scientist

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-22 09:25

Reviewer performed review: 2022-03-26 05:10

Review time: 3 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript has writhed well.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05742869

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Scientist, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Kazakhstan

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-18 04:19

Reviewer performed review: 2022-03-28 03:11

Review time: 9 Days and 22 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The article is very quality complements the main material. The questions and issues raised in the letter undoubtedly contribute to the main manuscript.No comments. I recommend for publication in the presented form.

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Title: Epidemiology for public health practice: The application of spatial epidemiology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05673135

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Switzerland

Author's Country/Territory: United States

Manuscript submission date: 2022-02-12

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-18 12:30

Reviewer performed review: 2022-03-29 19:09

Review time: 11 Days and 6 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Epidemiology for Public Health Practice: The Application of Spatial Epidemiology [Manuscript NO: 75631] General comments: The letter to the editor (LTE) aims to build upon a recently published manuscript on spatial epidemiology (SE). Specifically, the authors present examples of the use of SE in public health practice and highlight some concerns when applying and interpreting this tool. There is merit to this LTE. However, the purpose and contribution to scientific knowledge need to be clearly and succinctly stated. Furthermore, the LTE must be shortened considerably. Please avoid repeating the points raised in the original manuscript, and remove the paragraphs describing the history and examples of SE. In addition, there are several problems with the writing (e.g., punctuation, word usage, sentence fragments). I mention some below, but a copy editor's review is recommended. The LTE is worthy of publication if the authors can adequately address these issues. Specific comments: Abstract • Please state the purpose and message of the LTE explicitly. As stated now, the purpose is too general. What about "the application of spatial epidemiology" are you addressing? You have concerns (related to ecological fallacy, information bias, and confounding effects) when interpreting results for use in research, public health practice, and health policy evaluation. The original manuscript is a review of the advances in the field but they did not mention any potential shortcomings. Your LTE is an attempt at providing a balanced viewpoint to complement their work. Letter • 1st paragraph – please delete all sentences starting with sentence 3 (Notably, the authors...) until and including the sentence ending with "...where the interaction of these diseases and DM is high." Consequently, the introductory paragraph now only includes four sentences. Again, please emphasize that the review's aim was to present the uses of SE and advances in the



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field. Your LTE's aim is to point out some of the potential limitations of this valuable tool. • Please delete all of paragraph 2 (including and until "The methods used...and West Virginia.) • I also recommend omitting the first two sentences of the third paragraph beginning with the sentence.: "A number of studies..." • Please add a final paragraph of 2-3 sentences of concluding and summary remarks. • Incomplete sentence: Please rewrite the sentence beginning with "However, similar to the other disciplines..." since it is an incomplete sentence. • Please give a specific example of ecological fallacy, not just citations. • Please replace "extremely" with "vary widely among" • The incomplete sentence (third example of issues) needs to be changed. • Replace "last but not least" with "lastly" References • The references ought to be presented in a consistent format (e.g., use of et al. vs. complete list of authors' names). Please revise. • A citation is needed for the sentence beginning with "A number of studies have demonstrated..." Figure • The figure should be deleted as it does not support the purpose of the LTE.