

Imaging Global Health in a less polluted Earth

Journal club organization: How to read the assigned paper

During the JC, the moderators will discuss with you the article through a list of questions. When reading the assigned paper, take in consideration the following issues and causes for reflection to be able to actively join the discussion during the JS. Please, consider that the success of the JC depends also on the participants, therefore it is important to arrive prepared and to be active!

And remember: during the discussion there will be the opportunity to collectively address any doubts or concerns about the topic. So, feel free to discuss any uncertainties you may have during the session: it will be useful also for the other participants.

Abstract

- ✓ What are your thoughts on the selection of this article and its relevance to biodiversity?
- ✓ Did the abstract present a well-organized overview?
- ✓ Was the registration number for the systematic review mentioned?

Introduction

- ✓ Which is the rationale of the study and the main research question?
- ✓ Was the objective clearly stated, with an explicit assessment of the questions addressed?

Methodology

- ✓ Which is the design of the study? What kind of methodology was applied to obtain the results?
- ✓ Which are data sources?
- ✓ Which are the outcome measurements of the analysis? Are all outcomes clearly defined?
- ✓ Which are the exposures? How were the exposures assessed? Are all exposures clearly defined?
- ✓ In your opinion, is the reported information sufficient to replicate the study?
- ✓ How the authors considered the confounding variables? In your experience, do you think that there could be more confounding factors not considered in this study?
- ✓ Discuss factors that may explain novelty and inherently multidisciplinary nature in this review?
- ✓ Are the statistical analyses sufficiently described?

Results & discussion

- ✓ Do the results reflect the aim of the study?
- ✓ How the presented results and conclusions fit into the context of the current literature?
- ✓ Did the authors adequately interpret the results and compare them with the previous literature?
- ✓ What are the strengths and limitations of the study?
- ✓ Do the authors declare limitations of the study? Do you think that there could be more limitations?

Conclusions

- ✓ What other studies need to be conducted to elucidate the question(s) in the future?
- ✓ Which could be the relevance of this work for your research activity?