

Review of: "The Imperative of a Comprehensive One Health Approach for Mosquito-Borne Disease Control in Indonesia"

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Potential competing interests: No potential competing interests to declare.

The paper makes an interesting advocacy for a One Health approach to an important issue: the control of mosquito-borne diseases in Indonesia.

It is an opinion paper rather than a scientific contribution to current research on OH or on the control of mosquito-borne diseases.

To turn it into a scientific paper, it should expose clearly its objectives/hypotheses, methodology, the results, and should include a critical discussion. The scientific contribution can take the form of a systematic review or a research article.

The systematic review (see, for example, the methodology and the PRISMA website) could analyse the set of scientific articles evaluating strategies for controlling mosquito-borne diseases (in Indonesia or more widely, depending on the number of articles published on this subject) and how they refer or not to a One Health approach, and what the gap is with a One Health approach.

As a research paper, it could aim to evaluate the strategies deployed in Indonesia to control mosquito-borne diseases by collecting documents issued by institutions involved in controlling mosquito-borne diseases (strategies, plans of actions, evaluations, etc.), conducting interviews with key stakeholders, including people exposed to these diseases, and reporting on consensus and controversies regarding the reasons given for the success and failure of control measures; the paper could then suggest how a One Health approach could concretely improve specific points of these strategies.

Whatever the option chosen, a One Health approach also suggests including in the analysis the impact of these control strategies on the environment, particularly when using pesticides (pollution, impact on other insects, on human and animal health, etc.), social inequalities in exposure to diseases transmitted by mosquitoes, and access to means of control and care.

The paper needs to rely on a well-defined set of data, to be contextualized, and to include a critical analysis of One Health claims and practices.