

Peer Review Report

Review Report on Sustainable Development Goals and the Geosciences: a review

Review, Earth Sci. Syst. Soc.

Reviewer: Lucie Novakova

Submitted on: 16 May 2024

Article DOI: 10.3389/esss.2024.10124

EVALUATION

Q 1 Please summarize the main theme of the review.

The main theme of the article is to summarize the goals and ideas of the Sustainable Development Goals by 2030. The article describes and summarizes the published views of individual authors from different parts of the world and different branches of geological sciences. The review contains a large number of quoted authors and can serve as a basis for teaching students.

Q 2 Please highlight the limitations and strengths.

strengths: the paper is very detailed, the citations are complete, it gives an overview of different disciplines, it integrates the ideas of different authors

limitations: like all reviews, the article is limited by the number of selected authors and their citations

Q 3 Does the review include a balanced, comprehensive and critical view of the research area?

The review perfectly elaborates in detail the various sectors and objectives of sustainable development, discusses in detail the views of the quoted authors, including the author himself. The article is perfectly balanced and critically covers a large number of disciplines that are important for sustainable development.

Q 4 Check List

Is the English language of sufficient quality?

Yes.

Is the quality of the figures and/or tables satisfactory?

Yes.

Does this manuscript refer predominantly to published research? (unpublished or original research is non-standard for a review article, and should be properly contextualised by the author)

Yes.

Does the manuscript cover the topic in an objective and analytical manner

Yes.

Does the reference list cover the relevant literature adequately and in an unbiased manner?

Yes.

Does the manuscript include recent developments?

Yes.

Does the review add new insights to the scholarly literature with respect to previously published reviews?

Yes.

Q 5 Please provide your detailed review report to the editor and authors (including any comments on the Q4 Check List):

See the attached manuscript with my details. See my notes and comments above.

The article is very detailed, very well structured, has enough citations including corresponding pictures and Table, provides very useful information that can serve both students and the general public and therefore I recommend it for acceptance.

QUALITY ASSESSMENT

Q 6 Quality of generalization and summary	
Q 7 Significance to the field	
Q 8 Interest to a general audience	
Q 9 Quality of the writing	