

Review of: "The Role of Plant Growth-Promoting Bacteria (PGPB) in Soil Fertility Restoration in Chemical-Contaminated Areas"

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Potential competing interests: No potential competing interests to declare.

Hello,

I have thoroughly read your article. The research topic, given the state of agricultural lands, especially in arid regions, is indeed fascinating.

First and foremost, it's crucial to focus on the format and the primary objective of a review article. In fact, a review article means consolidating research conducted on the research topic and addressing the researcher's own mental question: how much this writing can clarify the reader's mind about the research topic.

The article is very concise. The preliminary research hasn't been properly gathered.

There is very little mention of bacterial strains.

Applied research in this regard is very briefly discussed in the article.

The mechanism of bacterial action in relation to the detoxification of toxic elements is not well explained.

There hasn't been a discussion before the conclusion.

The article needs to compare the proposed method with other existing methods like phytoremediation, and critical comments should also be included in the discussion section.

As a friendly suggestion, I recommend reading the following article: "Plant growth-promoting bacteria in phytoremediation of metal-polluted soils: Current knowledge and future directions" at <https://doi.org/10.1016/j.scitotenv.2022.156435>.