

Peer Review

Review of: "Let the Transformative Anthropocene Be Positive!"

Hany Akeel Al-hussaniy¹

1. University of Baghdad, Iraq

The article presents an interesting conceptual perspective on the positive role of human influence during the Anthropocene and provides a broad narrative linking biodiversity, evolution, and anthropogenic transformation; however, its main weakness is the lack of scientific rigor and analytical depth expected in high-quality scholarly commentary. The manuscript is largely descriptive and philosophical, with limited critical synthesis, insufficient integration of quantitative or empirical evidence, and minimal novelty beyond previously published discussions on Anthropocene ecology and human-driven evolution. The structure is also excessively lengthy and repetitive, with overlapping sections (e.g., alien species, GMOs, hybrids) that reiterate similar arguments without clear analytical progression. Additionally, several claims—such as linking COVID-19 evolution primarily to human influence or suggesting accelerated speciation due to cultural and technological evolution—are oversimplified and require stronger scientific justification with updated, high-impact references. The manuscript would benefit from clearer research objectives, defined hypotheses or conceptual frameworks, and inclusion of case studies or data-supported examples to strengthen credibility. To improve the article, the authors should condense redundant sections, enhance critical analysis, incorporate recent and high-quality empirical literature, clarify controversial statements with balanced discussion, and develop a structured conceptual model or figure summarizing the Bio-Evolutionary Anthropocene hypothesis to improve clarity and scientific contribution.

Declarations

Potential competing interests: No potential competing interests to declare.