DISCUSSION PUBLISHERS
Research Center · Open Access Edition

The Integration of Conservation, Biodiversity, and Sustainability

Richard A. Niesenbaum

Discussion Research ID	DPR-2026-1370
Year	2019
Field	Environmental Science
DOI	10.3390/su11174676
Author ORCID	0000-0002-4013-237X
Licence	CC-BY
Original source	Sustainability
Permanent link	https://discussionpublishers.com/research/e8437c66-48ef-4449-a0bc-5b26b8f4fb0b
Publisher	Discussion Publishers discussionpublishers.com

Republished by Discussion Publishers under the original CC-BY licence. Copyright remains with the original authors; please cite the original work.

Cite as: Richard A. Niesenbaum (2019). The Integration of Conservation, Biodiversity, and. Discussion Publishers, DPR-2026-1370.

Abstract

Our understanding of conservation biology and sustainability have been independently developing for a long time. Evidence suggests that biodiversity is critical for ecosystem function and services on which humans depend, and is directly linked to the economic, social, and environmental components of sustainability. Because of this, the integration of research from each of these areas should and is becoming a priority. In this article, the development of each of these fields and, ultimately, their integration are reviewed. From this, a number of research priorities that allow for the transition from conflict to mutual compatibility between conservation and sustainability objectives are explored. These priorities include research that will improve our understanding of (1) ecosystem services and function provided by biodiversity that benefit humans; (2) the connection between biodiversity and poverty reduction; (3) biodiverse agriculture; (4) issues surrounding indigenous knowledge; and (5) the development of indicators that allow for the integrative assessment of biodiversity conservation and sustainability objectives.

Keywords: conservation biology, biodiversity, ecosystem services, ecosystem functioning, poverty reduction, in

Full text

The complete text of this work is hosted by its original publisher.
Read it via the Discussion Publishers page:
https://discussionpublishers.com/research/e8437c66-48ef-4449-a0bc-5b26b8f4fb0b

Original record: https://doi.org/10.3390/su11174676
DOI: https://doi.org/10.3390/su11174676