

Article Title: Biodiversity conservation as a promising frontier for behavioural science

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What is the purpose/goal of this study?

The purpose/goal of this study “aims to stimulate a marked increase in the amount and breadth of behavioural research addressing this challenge.” In my own words, this study is trying to give more time and effort into researching the topic of biodiversity conservation.

Why is this issue significant/why do we care?

This issue is significant because we as humans are playing a significant role in harming ecosystems around the world and we need to put more plans into action to change this.

What words/vocab do you need to know to make this make sense? Define them here.

The words/vocab I need to know to make this make sense are biodiversity, conservation, ecosystems, degradation, behavioural, common-pool resource management, commons dilemmas, ecological dynamics, and socioeconomic mechanisms.

Biodiversity: the variety of plant and animal life in the world or in a particular habitat, a high level of which is usually considered to be important and desirable.

Conservation: preservation, protection, or restoration of the natural environment and of wildlife.

Ecosystems: a biological community of interacting organisms and their physical environment.

Degradation: the condition or process of degrading or being degraded/lower the quality of; cause to deteriorate.

Behavioural: involving, relating to, or emphasizing behaviour.

Common-pool Resource: a harmonious fusion of public and private goods—an entity shared and accessible to all, yet constrained by a finite supply.

Commons Dilemmas: a situation in which multiple individuals or groups share a common resource, leading to potential over-exploitation and depletion due to each party's self-interest.

Ecological Dynamics: a theoretical framework emphasizing the inseparable link between an individual's perception, cognition, and action, and their environment.

Socioeconomic Mechanisms: a theoretical framework emphasizing the inseparable link between an individual's perception, cognition, and action, and their environment.

Actors: different groups in society, ie. citizens, farmers, businesses, governments, etc.

What approach are they taking in this study (e.g., specific qualitative or quantitative methods)

The approach they are taking in this study is a mixed method of qualitative and quantitative research. They gathered number-based data to give statistical evidence, but they also gathered non-numerical data by exploring the sides of human behavior and human engagement in this topic.

What are the results of the study? If there are figures – write a sentence summarizing each figure/table.

The results of this study was creating more research questions to add more possible research to this topic. The way I would summarize the four questions they came up with is prioritizing this issue, what ways can we alter our current actions, how do the interventions challenge the financial and psychological aspects, and how can we make sure the interventions are long-term.

Figure 1. Shows the pros and cons to the Amazon forests being turned to cattle pastures.

Figure 2. Shows how actor's behaviours impact conservation targets.

Does the data make sense based on your experiences?

The data does make sense based on my experiences because it goes into depth of how engaged society is with biodiversity conservation.

How is this pushing the field forward and helping society?

This study is pushing the field forward and simultaneously helping society because it is bringing light to the importance of biodiversity conservation and aiding in keeping the discussion alive.