

## **Research challenges and the socio-ecological basis of tropical conservation**

Authors: Estrada, Alejandro, and Butler, Rhett

Source: Tropical Conservation Science, 8(4)

Published By: SAGE Publishing

URL: <https://doi.org/10.1177/194008291500800401>

---

The BioOne Digital Library (<https://bioone.org/>) provides worldwide distribution for more than 580 journals and eBooks from BioOne's community of over 150 nonprofit societies, research institutions, and university presses in the biological, ecological, and environmental sciences. The BioOne Digital Library encompasses the flagship aggregation BioOne Complete (<https://bioone.org/subscribe>), the BioOne Complete Archive (<https://bioone.org/archive>), and the BioOne eBooks program offerings ESA eBook Collection (<https://bioone.org/esa-ebooks>) and CSIRO Publishing BioSelect Collection (<https://bioone.org/csiro-ebooks>).

Your use of this PDF, the BioOne Digital Library, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at [www.bioone.org/terms-of-use](http://www.bioone.org/terms-of-use).

Usage of BioOne Digital Library content is strictly limited to personal, educational, and non-commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

---

BioOne is an innovative nonprofit that sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

## Editorial

# Research challenges and the socio-ecological basis of tropical conservation

**Alejandro Estrada<sup>1</sup> and Rhett Butler<sup>2</sup>**

<sup>1</sup>Estación de Biología Tropical Los Tuxtlas, Instituto de Biología, Universidad Nacional Autónoma de México

<sup>2</sup>Mongabay.com

The current issue of Tropical Conservation Science includes 17 articles. Of these, 11 are Research Articles, five are Short Communications, and one is an Opinion Article.

These papers offer studies in Angola, Brazil, Sumatra, Argentina, Malaysia, Mexico, Colombia, Tanzania and China. They cover research on the impacts of shifting agriculture on woodlands in Angola; sustainable use of the Licuri palm and macaw conservation in Brazil; habitat restoration and avian colonization in Brazil; land-use constraints on orangutan survival in Borneo and Sumatra; ecological corridors and avian diversity in the Atlantic forest of Argentina; monitoring carnivore populations using scent-baited traps in Malaysia; temperature tolerance of the endangered Mexican Mayflower orchid; movement strategies of translocated Sub-Andean birds in a modified landscape in Colombia; threatened plants and local carbon storage in tropical dry forests in Mexico; mitigating the impact of roads through national parks in Tanzania; diversity of ants in a tropical anthropogenic landscape in Mexico; clear-cutting and plant species diversity in a subtropical evergreen-deciduous broadleaved mixed forest in central China; planning and reducing cattle supply chains in Brazil, decentralized environmental governance of wildlife management areas in Tanzania; wild birds in illegal trade in Brazilian Amazonia; global assessment of Red List data for the Cycadales; and analysis of white-tailed deer habitat relationships with spatially autocorrelated data in central Mexico.

In short, the articles in this issue provide a view of the broad geographic and thematic base of conservation research in the tropics. They also exemplify the challenges to conservation scientists investigating local, regional, and global conservation problems, where different technologies and approaches are used: mapping wildlife trade, evaluating the impact of roads on wildlife, applying animal and plant restoration strategies and technologies, assessing global conservation trends for specific organisms, evaluating supply chains, and researching sustainable land management initiatives, among others. All these studies have as a common denominator the socio-ecological basis of tropical conservation.

Published: 14 December 2015

**Copyright:** © Estrada, A. and Butler, R. This is an open access paper. We use the Creative Commons Attribution 4.0 license <http://creativecommons.org/licenses/by/3.0/us/>. The license permits any user to download, print out, extract, archive, and distribute the article, so long as appropriate credit is given to the authors and source of the work. The license ensures that the published article will be as widely available as possible and that your article can be included in any scientific archive. Open Access authors retain the copyrights of their papers. Open access is a property of individual works, not necessarily journals or publishers.

**Cite this paper as:** Estrada, A. and Butler, R. 2015. Research challenges and the socio-ecological basis of tropical conservation. *Tropical Conservation Science* Vol. 8(4): i-ii. [www.tropicalconservationscience.org](http://www.tropicalconservationscience.org)