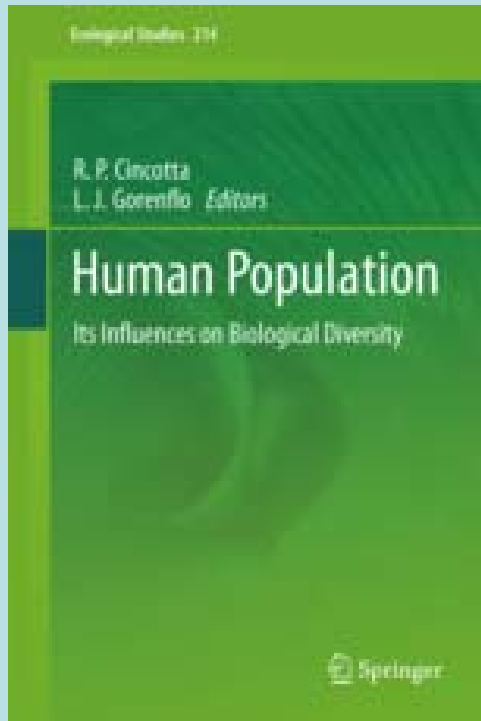


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***Human Population:  
Its Influence on Biological Diversity***

R.P. Cincotta & L.J. Gorenflo, *editors*

Ecological Studies #214

Series editors:

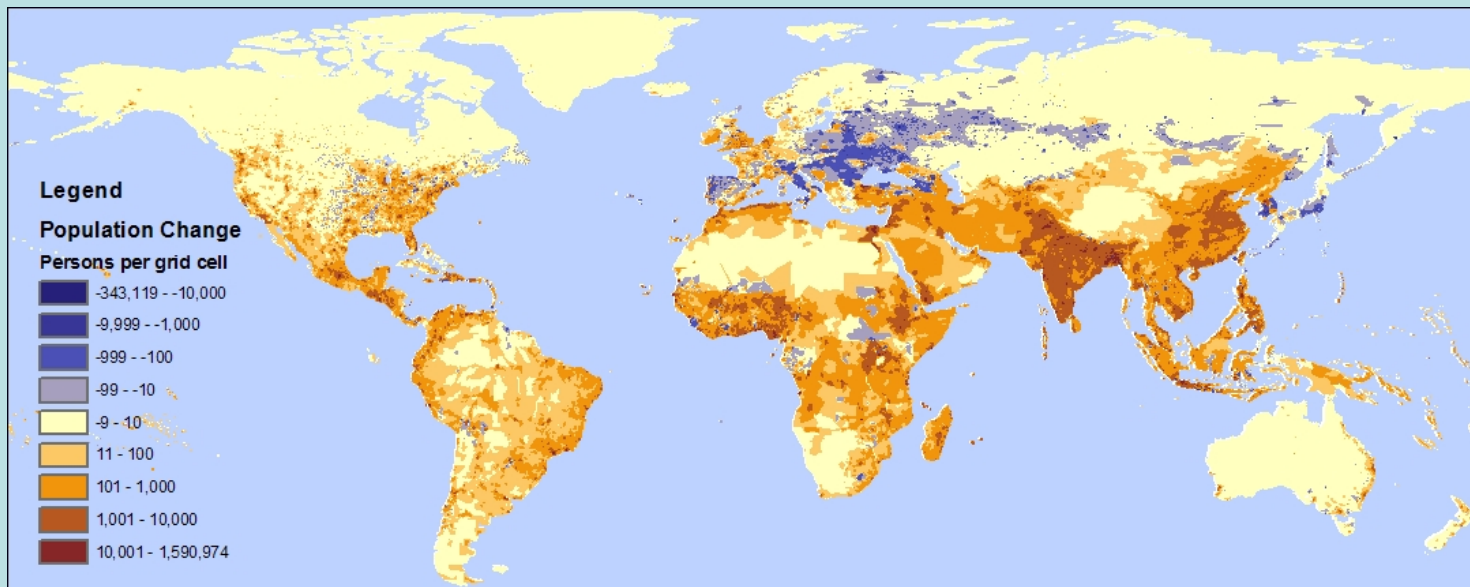
Caldwell, M.M., Heldmaier, G., Jackson, R.B., Lange, O.L.,  
Mooney, H.A., Schulze, E.-D., Sommer, U.

## Editors' conclusions:

- *Human population density can be a strong indicator* of the viability of populations of native species.
- *Various measures of human activity and their chemical and energetic byproducts can also be strongly indicative* of the viability of populations of native species, even at low local levels of human density.
- **Scale matters:** Local analyses and effective responses to conservation problems are typically very different from analyses and policy prescriptions associated with higher levels of analyses (yet equally valid).

# Projecting a Gridded Population of the World Using Ratio Methods of Trend Extrapolation.

Lee Hachadoorian, Stuart R. Gaffin, and Robert Engelman



# The Human Habitat

Christopher Small

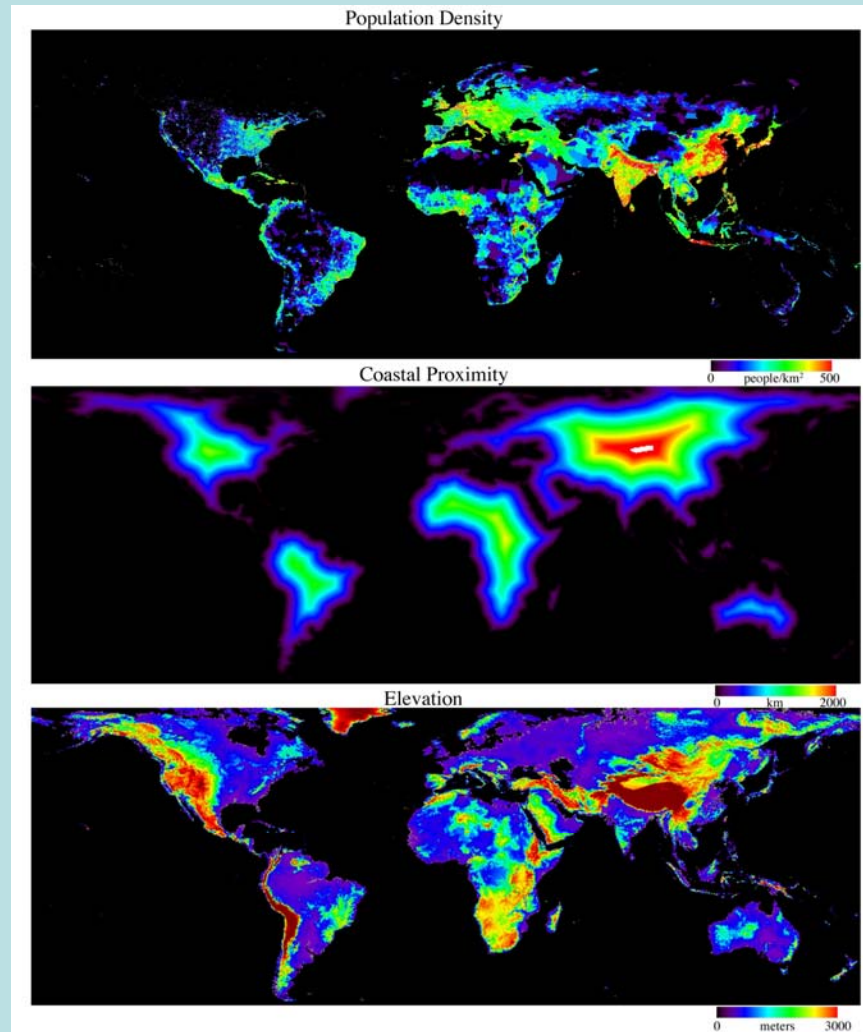
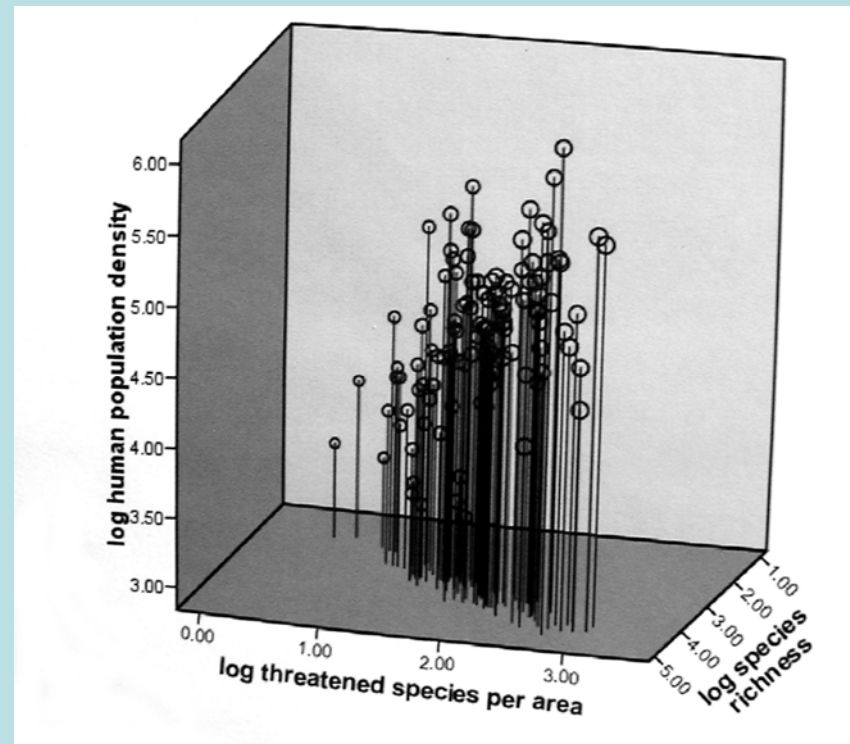


Figure 1 Global distributions of a) population, b) coastal proximity and c) elevation. Note that population density is shown on a  $\text{Log}_{10}$  scale to accommodate the wide range.

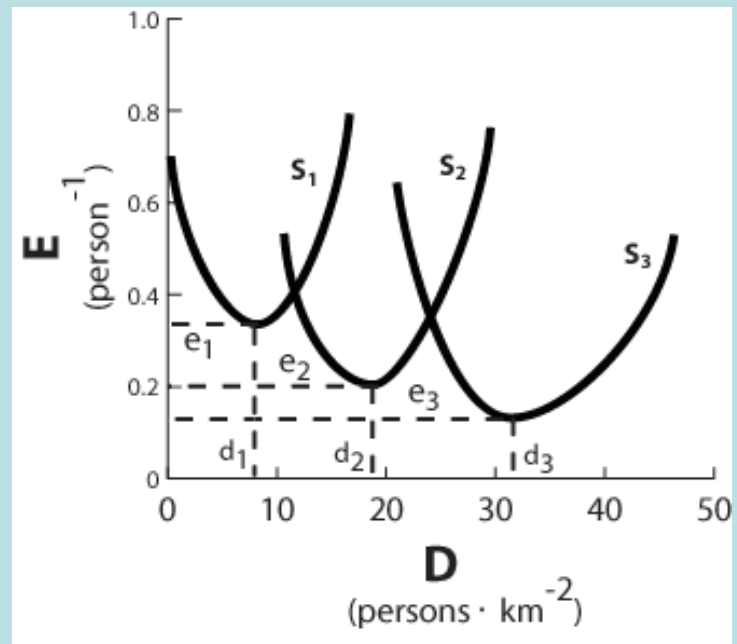
# Behavioral Mediators of the Human Population Effect on Global Biodiversity Losses

Jeffrey K. McKee and Erica N. Chambers



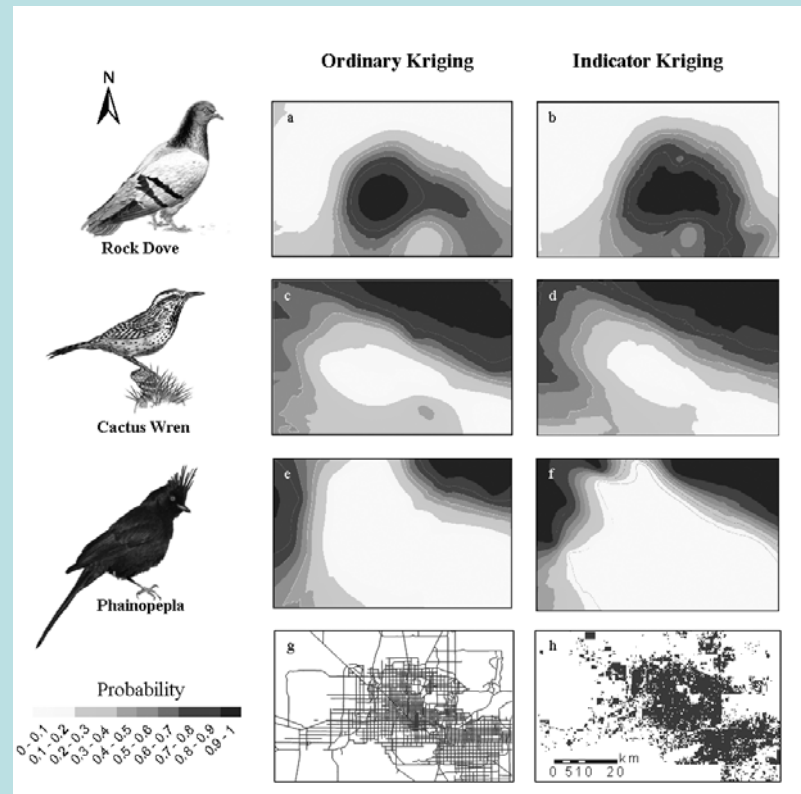
# The Biological Diversity that Is Humanly Possible: Three Models Relevant to Human Population's Relationship with Native Species.

Richard P. Cincotta



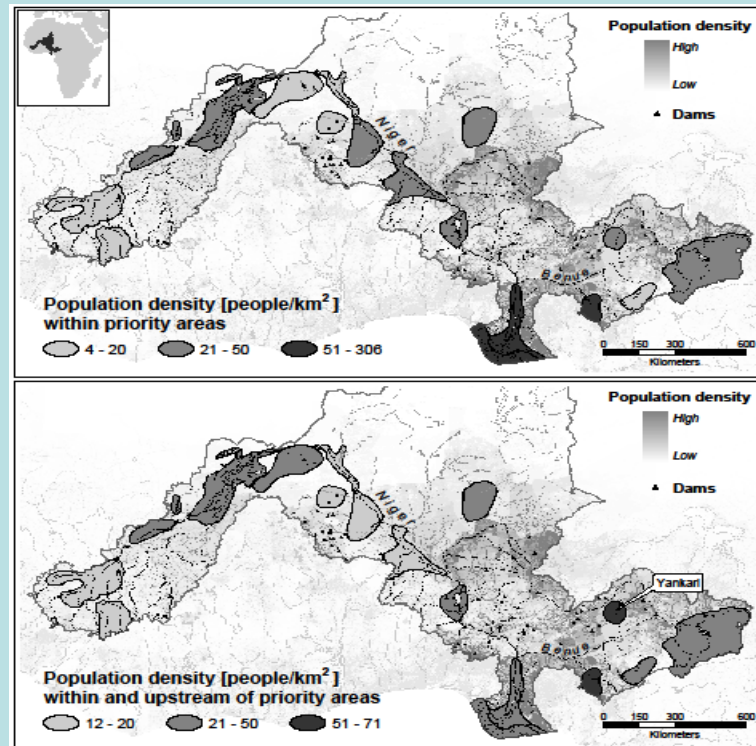
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Katalin Szlavecz, Paige Warren, and Steward Pickett



# Indicators for Assessing Threats to Freshwater Biodiversity from Humans and Human-Shaped Landscapes

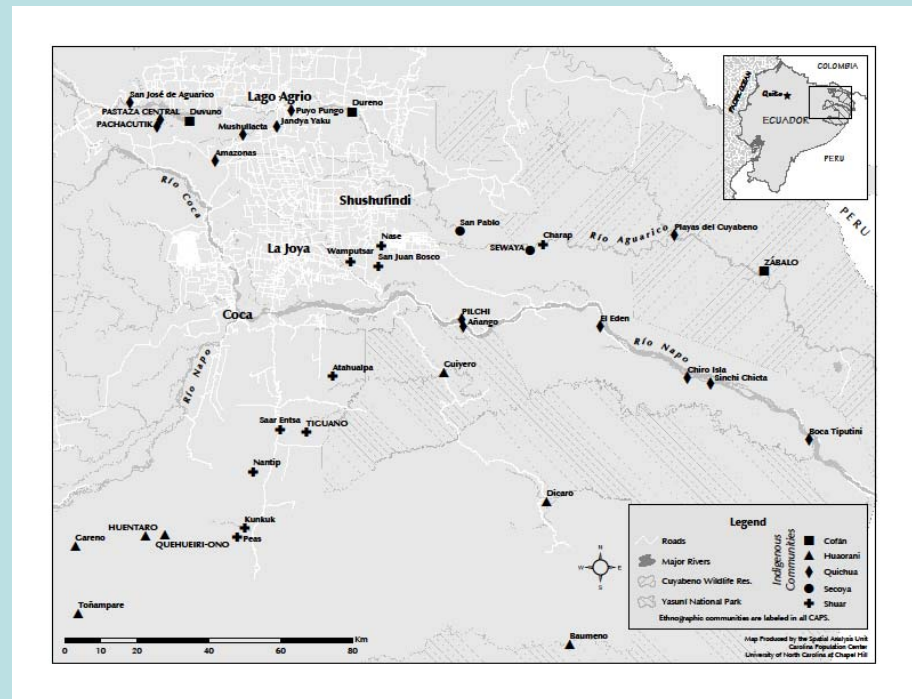
Robin Abell, Michele Thieme, and Bernhard Lehner





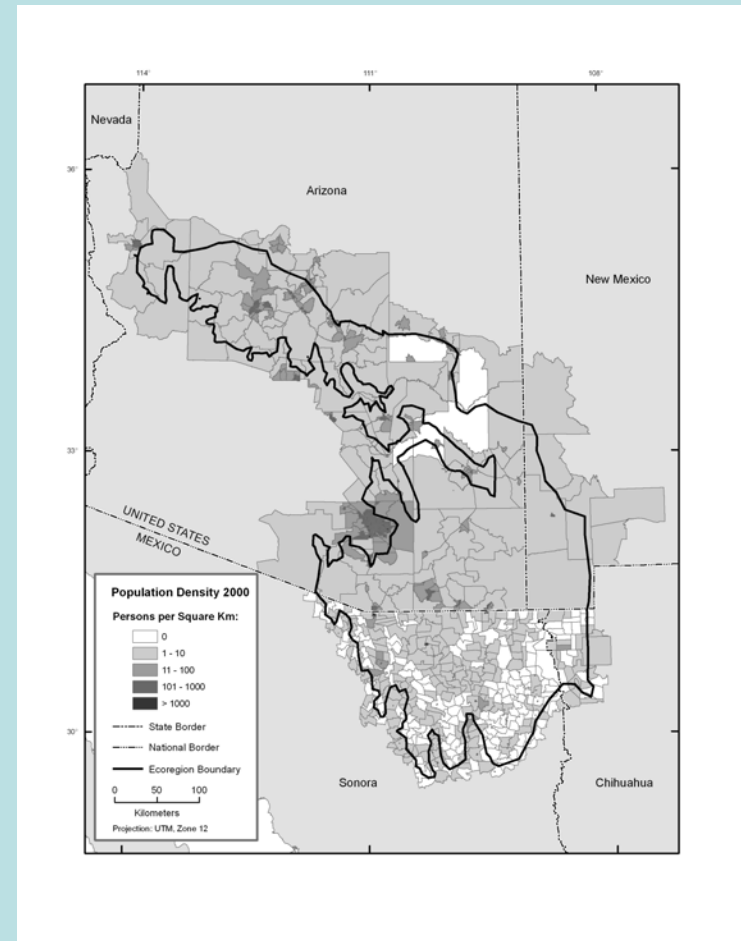
# A Cross-Cultural Analysis of Human Impacts on the Rainforest Environment in Ecuador

Flora Lu and Richard E. Bilborrow



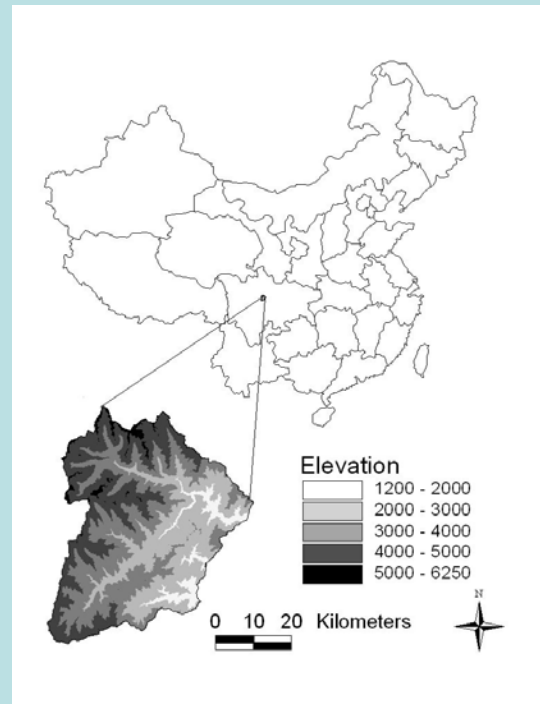
# Human Demography and Conservation in the Apache Highlands Ecoregion, US-Mexico Borderlands

L.J. Gorenflo



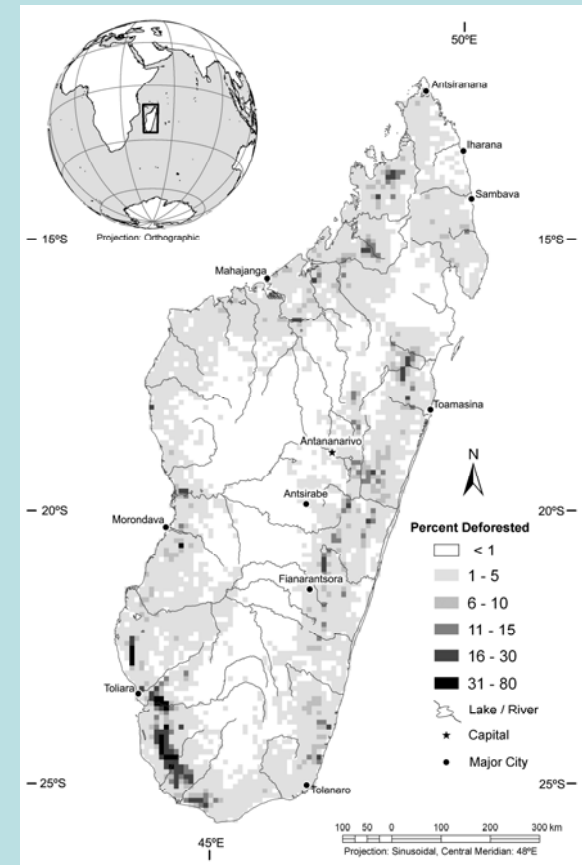
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Li An, Marc Linderman, Guangming He, Zhiyun Ouyang, and Jianguo Liu



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L.J. Gorenflo, Catherine Corson, Kenneth M. Chomitz, Grady Harper, Miroslav Honzák, and Berk Özler



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Thomas W. Crawford and Deirdre Mageean

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Editors:

**Richard P. Cincotta**

Demographer-in-residence  
The Stimson Center

& consultant: ECSP, Woodrow Wilson Center

[rcincotta@stimson.org](mailto:rcincotta@stimson.org)

**L.J. Gorenflo**

Associate professor  
Dept. of Landscape Architecture  
Pennsylvania State University

[lgorenflo@psu.edu](mailto:lgorenflo@psu.edu)

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