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**Key words:** Editors,Editorial Board, Subject Editor, Associate Editor, Editor-in-Chief, Diversity, Global South, Ecology, Evolution, Environmental Biology, peer review

**Geographic Coverage:** N/A

**Temporal Coverage:**

Begin: 2014-01-01

End: 2014-12-31

**Project Info:** The scholars comprising journal editorial boards play a critical role in defining the trajectory of knowledge in their field. Nevertheless, studies of editorial board composition remain rare, especially those focusing on journals publishing research in the increasingly globalized fields of science, technology, engineering, and math (STEM). Using metrics for quantifying the diversity of ecological communities, we quantified international representation on the 1985-2014 editorial boards of twenty-four environmental biology journals. The results of our analyses using these data resulted in the following paper:

Johanna Espin, Sebastian Palmas, Farah Carrasco-Rueda, Kristina Riemer, Pablo E. Allen, Nathan Berkebile, Kirsten A. Hecht, Kay Kastner-Wilcox, Mauricio M. Núñez-Regueiro, Candice Prince, Constanza Rios, Erica Ross, Bhagatveer Sangha, Tia Tyler, Judit Ungvari-Martin, Mariana Villegas, Tara T. Cataldo, and Emilio M. Bruna. A persistent lack of international representation on editorial boards in environmental biology. *Plos Biology*

The version of the R code to conduct the analyses and generate the figures in the paper is at https://doi.org/10.5281/zenodo.1067800

Subsequent versions of this code are available for use and improvement at https://github.com/embruna/Espin\_etal\_Editors

**Title**: Editors and Authors in 2014 by country, World Bank Gross National Income (GNI) Category, and World Bank Global Region.

**Funding**: UF Center for Latin American Studies Faculty Research Award to Emilio Bruna

**Files:**

1. Editor\_Author\_Geo\_2014.csv
2. Editor\_Author\_Income\_2014.csv
3. Editor\_Author\_Region\_2014.csv

**Description:** Data on the number of authors and editorial board members that were based in different countries, World Bank Gross National Income classes, and World Bank Global Regions in 2014.

**Methods:** These data were gathered from 24 journals from environmental biology, natural resource management, and plant sciences: Agronomy Journal, American Journal of Botany, American Naturalist, Annual Review of Ecology, Evolution, & Systematics, Biological Conservation, Biotropica, Conservation Biology, Ecography, Ecology, Evolution, Forest Ecology and Management, Functional Ecology, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Biogeography, Journal of Ecology, Journal of Tropical Ecology, Journal of Zoology, Landscape Ecology, New Phytologist, N. Am. J. of Fisheries Management, Oecologia, Oikos, Plant Ecology.

Editors: For each journal, we selected the first issue of 2014 and recorded the names of all editorial board members (including Editor-in-Chief, Associate Editors, Subject Editors, Book Review Editors). Authors: We conducted a Web of Science Search for all articles published in 2014 in the 24 journals. After downloading the articles we disambiguating all author names and recorded the names of all first authors. We then identified and recorded the country in which each editor or first author was based, the World Bank Gross National Income category of each country, and the World Bank Global Region in which each country is located (see below). Finally, we summarized the number of authors and editors by country, income class, and global region.

**Column Headings:**

CATEGORY: Editor or Author

YEAR: 2014 (all data are from 2014)

geo.code: the ISO 3166-1 alpha-3 for each country. Note that all countries in the United Kingdom have the same ISO code (GBR), while many territories, protectorates, overseas departments, etc. have their own unique codes (e.g., Puerto Rico: PRI, French Guiana: GUF). Country codes were initially assigned using the “countrycode” library for the R programming language (Vincent Arel-Bundock (2017). countrycode: Convert Country Names and Country Codes. R package version 0.19. https://CRAN.R-project.org/package=countrycode), after which we corrected any names for countries no longer in existence or abbreviations not recognized by countrycodes (see associated code archived at Zenodo).

INCOME\_LEVEL: The World Bank’s assigns each country to one of five per capita Gross National Income (GNI): (1) High income: nonOECD, (2) High income: OECD, (3) Low income, (4) Lower middle income, (5) Upper middle income.

REGION: The World Bank assigns each country to one of 7 world regions: (1) East Asia & Pacific, (2) Europe & Central Asia, (3) Latin America & Caribbean, (4) Middle East & North Africa, (5) North America, (6) South Asia, (7) Sub-Saharan Africa.

N: The number of Editors or Authors based in each country, Income Category, or Region