

## List of Publications

1. Hughes, A. C., Tougeron, K., Martin, D. A., Menga, F., Rosado, B. H. P., Villasante, S., Madgulkar, S., Gonçalves, F., Geneletti, D., Diele-Viegas, L. M., Berger, S., Colla, S. R., De Andrade Kamimura, V., Caggiano, H., Melo, F., De Oliveira Dias, M. G., Kellner, E., & **Do Couto, E. V.** (2023). Smaller human populations are neither a necessary nor sufficient condition for biodiversity conservation. *Biological Conservation*, 277, 109841-109849.
2. Da Conceição, E. O., Mantovano, T., De Campos, R., **Do Couto, E. V.**, Ferreira, J. H. D., Rangel, T. F., Martens, K., Bailly, D., & Higuti, J. (2023). Predicted changes in the distribution of Ostracoda (Crustacea) from river basins in the southern cone of South America, under two climate change scenarios. *Hydrobiologia*, 1-18.
3. Hughes, A. C., Tougeron, K., Martin, D. A., Menga, F., Rosado, B. H. P., Villasante, S., Madgulkar, S., Gonçalves, F., Diele-Viegas, L. M., Colla, S. R., De Andrade Kamimura, V., Caggiano, H., Melo, F., De Oliveira Dias, M. G., Kellner, E., & **Do Couto, E. V.** (2023). Smaller human populations are still not a necessary condition for biodiversity conservation: A response to Cafaro et al. (2023). *Biological Conservation*, 1, 110053.
4. Conceição, E. O., Garcia, J. M., Alves, G. H. Z., Delanira-Santos, D., Corbetta, D. F., Betsiol, T. C. C., Pacifico, R., Romagnolo, M. B., Bailly, D., Ferreira, J. H. D., & **Do Couto, E. V.** (2022). The impact of downsizing protected areas: How a misguided policy may enhance landscape fragmentation and biodiversity loss. *Land Use Policy*, 112, 105835-105835.
5. Lopes, T. M., Muniz, C. M., Schmitz, M. H., Dias, R. M., Rodrigues, A. C., Buzo, M. G., **Do Couto, E. V.**, & Agostinho, A. A. (2022). Drivers of fish trophic guild composition in lakes of the Upper Paraná River floodplain. *Aquatic Sciences*, 84, 27.
6. Souza, D. C., Souza, L. R., **Do Couto, E. V.**, Caxambu, M. G., & Peron, A. (2022). Effect of slope on the forest structure of the Atlantic Forest domain in southern Brazil. *Brazilian Journal of Biology (Online)*, 84, 1-8.
7. Vieira, L., Pessoa, L. A., Pereira, V. E. C., Gois, K. S., **Do Couto, E. V.** (2022). Integrating water, sediments, and land use analysis for pollution assessment in a countryside urban-farming watershed landscape in southern Brazil. *International Journal of River Basin Management*, 1-14.
8. Bailly, Dayani, Batista'Silva, Valéria Flavia, Silva Cassemiro, Fernanda A., Lemes, Priscila, Graça, Weferson Junio, Oliveira, Anielly Galego, **Do Couto, E.V.**, Delconte Ferreira, José Hilário, Ré, Reginaldo, Rangel, Thiago Fernando, Agostinho, Angelo Antonio. (2021). The conservation of migratory fishes in the second largest river basin of South America depends on the creation of new protected areas. *Aquatic Conservation-Marine and Freshwater Ecosystems*, 1(aqc.3594).
9. Scaramelli, B., **Do Couto, E. V.**, Bueno, P. A., Souza, D. C., Vieira, L. M., Ferreira, J. H. D. (2020). Priority actions maps of municipal public services with geospace application. *Acta Scientiarum-Technology*, 42, e44426-e44426.
10. Alves, Gustavo H. Zaia, Tófoli, Raffael M., Rodrigues-Filho, Jorge L., Sacramento, Patricia A., Cionek, Vivian M., Figueiredo, Bruno R. S., **do Couto, E.V.** (2020). Brazil's vegetation ravage may be encouraged by law. *Biodiversity and Conservation*, 1(e2).
11. **Do Couto, E. V.**, Oliveira, P. B., Vieira, L. M., Schmitz, M., Ferreira, J. H. D. (2020). Integrating environmental, geographical and social data to assess sustainability in hydrographic basins: The ESI approach. *Sustainability*, 12(su12073057).
12. Ferreira, Igor José Malfetoni, Bragion, Gabriel da Rocha, Ferreira, José Hilário Delconte, Benedito, Evanilde, **Do Couto, E.V.** (2019). Landscape pattern changes over 25 years across a hotspot zone in southern Brazil. *Southern Forests*, 81, 1-10.

13. Alves, Gustavo Henrique Zaia, Santos, Regiane da Silva, Figueiredo, Bruno R. S., Manetta, Gislaine Iachstel, Message, Hugo José, Pazianoto, Laryssa H. R., Guimarães, Gilson Burigo, Benedito, Evanilde, **Do Couto, E.V.** (2019). Misguided policy may jeopardize a diverse South Brazilian environmental protection area. *Biota Neotropica* (Online. Edição em Inglês), 19, e20180574.
14. Vieira, Luciane Maria, Neto, Daniel Macedo, **do Couto, E. V.**, Lima, Guilherme Bertuzzo, Peron, Ana Paula, Halmeman, Maria Cristina Rodrigues, Froehner, Sandro. (2019). Contamination assessment and prediction of 27 trace elements in sediment core from an urban lake associated with land use. *Environmental Monitoring and Assessment*, 191, 236-256.
15. Tomadon, L. S., Dettke, G. A., Caxambu, M. G., Ferreira, I. J. M., & **Do Couto, E. V.** (2019). Significance of forest fragments for conservation of endangered vascular plant species in southern Brazil hotspots. *Ecoscience*, 26(1), 1-15. <https://doi.org/10.1080/11956860.2019.1645397>
16. Particio, M. B., Ferreira, J. H. D., & **Do Couto, E. V.** (2019). The context of the size and distance of Atlantic Forest fragments in a small city in Southern Brazil. *Acta Scientiarum. Biological Sciences*, 41, e46936. <https://doi.org/10.4025/actascibiols.v41i1.46936>
17. Oliveira, A. G., Bailly, D., Cassemiro, F. A. S., **Do Couto, E. V.**, Bond, N., Gilligan, D., Rangel, T. F. L. V. B., Agostinho, A. A., & Kennard, M. J. (2019). Coupling environment and physiology to predict effects of climate change on the taxonomic and functional diversity of fish assemblages in the Murray-Darling Basin, Australia. *PLoS One*, 14(11), e0225128. <https://doi.org/10.1371/journal.pone.0225128>
18. de Sordi, M. V., Salgado, A. A. R., Siame, L., Boulès, D., Paisani, J. C., Léanni, L., Braucher, R., & **Do Couto, E. V.** (2018). Implications of drainage rearrangement for passive margin escarpment evolution in southern Brazil. *Geomorphology*, 306, 155-169. <https://doi.org/10.1016/j.geomorph.2018.01.017>
19. Ferreira, I. J. M., Ferreira, J. H. D., Bueno, P. A., Vieira, L. M., Bueno, R. O., & **Do Couto, E. V.** (2018). Spatial dimension landscape metrics of Atlantic Forest remnants in Paraná State, Brazil. *Acta Scientiarum. Technology* (Online), 40, e36503. <https://doi.org/10.4025/actascitechnol.v40i1.36503>
20. Vieira, L. M., Rizze, J., **Do Couto, E. V.**, Souza, D. C., Ferreira, P., Figueira, R., & Froehner, S. (2018). Historical Pollution of an Urban Watershed Based in Geochemical, Geoaccumulation, and EROD Activity in PLHC-1 Analyses in Sediment Cores. *Archives of Environmental Contamination and Toxicology*, 75(1), 25-33. <https://doi.org/10.1007/s00244-018-0552-7>
21. **Do Couto, EV**, Dos Santos, LJC, De Sordi, MV, Boulès, D, Braucher, R, Salgado, AAR, Léanni, L, & Ferreira, JHD. (2018). Changes of the base levels in the Ivai and Paraná Rivers confluence zone (Southern Brazil): Denudational reflexes in the evolution of the upstream drainage network. *Zeitschrift Fur Geomorphologie*, 62, 23-40.
22. Sarragiotto, MC, Souza Filho, EE, **Do Couto, EV**, Manetta, GI, & Benedito, E. (2014). The influence of vegetal cover on carbon assimilation by *Prochilodus lineatus* (Characiformes: Prochilodontidae) in the upper Paraná river floodplain. *Acta Scientiarum. Biological Sciences* (Online), 36, 293.
23. **Do Couto, EV**, Fortes, E, Sordi, MV, Marques, AJ, & Camolezi, BA. (2012). Seppômen maps for geomorphic developments analysis: the case of Paraná plateau border, Faxinal, State of Paraná, Brazil. *Acta Scientiarum-Technology*, 34, 71-78.