

Project Update: September 2023

ACTIVITIES DEVELOPMENT

- From May 2023 to today, I am working on writing a scientific article entitled "*Zulia conservationists' warning of global change impacts on spatio-temporal biodiversity patterns of avifauna*". The document shows the main trends identified in our spatio-temporal analyses about the potential impacts of climate change on avifauna biodiversity across the study area. This is critical because results of this research suggest a potential scenario of biotic homogenisation process by the future climate change, and therefore it is important to discuss future implications. We needed to re-do some spatial analyses and the new version of the manuscript is currently in the review process by co-authors; therefore, I will send the final version to the *Neotropical Biodiversity* journal in October 2023.

Also, I am working on writing the document entitled "*Research priorities and action plan for long-term maintaining biodiversity's of birds in Zulia state, Venezuela*", which corresponds to outcome from the three meetings/workshops entitled: "*Construcción colectiva de un Plan de Acción para la conservación a largo plazo de la avifauna del Estado Zulia*" (In English: "*Meeting for the collective construction of an action plan for the bird long-term conservation in the Zulia state* ") performed during this project. This document is currently in review process by authors, and I will be sent it to *Ornitología Neotropical* or *Ecotropicos* journals for its evaluation in the next months.

- On June 2023, I participated as speaker in the Symposium "*Semana Internacional de los Polinizadores*" ("*International Pollinator Week*", in English), developed in June 2023 at Universidad Nacional Autónoma de México in both online and in-person ways. During this event, I gave the talk entitled "*Los polinizadores y los impactos del cambio climático: Perspectivas de conservación a largo plazo*" ("*Pollinators and the climate change impacts: Long-term conservation perspectives*", in English; available in: https://fb.watch/m_RFQP-4IA/). In addition, in August 2023, we participated in two academic congresses: 1) *II Congreso de Ornitología de las Américas* (from the Sociedad de Ornitología Neotropical; Gramado, Brasil); and 2) *XLI Coloquio de Investigación de la FES Iztacala* (from the Universidad Nacional Autónoma de México, Estado de México, México).

This participation was very important because it allowed us to show and disseminate our results, but also get closer to the local communities and society. In all these activities, I exposed the important results obtained from our research and promoted the publicity of The Rufford Foundation as an important funder to develop our works.

- From August to September 2023, we developed a new edition of the training course of undergraduates and postgraduate students, entitled "*Análisis espaciales para estudios en biogeografía y conservación*". (In English: "*Spatial analysis tools for biogeographical and conservation studies*"). As in the previous edition, this course was carried out in both on-line and in-person ways to guarantee the participation for a greater number of students and interested parties. In this course, the students were trained in the uses of GPS, the development of spatial analysis of maps, as well as in the need to integrate the social, ecological/evolutionary, and biological components in the development of conservation projects.
- During September 2023, we are working to design and build all material and information needed to participate in the "FIESTA DE LAS CIENCIAS Y LAS HUMANIDADES 2023" ("Sciences and Humanities meeting 2023", in English). This activity is organised by several institutions (see <https://www.dgdc.unam.mx/lafiesta/>) and is focused on disseminating into children, teenagers, and local communities the research and projects that are aimed at building a healthier planet. In fact, the main theme in this activity is "*Por un planeta sano: personas, animales y medio ambiente*" ("*A healthy planet: people, animals and the environment*", in English). In this sense, I consider it very important to participate in this activity because it is a critical opportunity to show and disseminate our results, but also get closer to the local communities and society. In all these activities, I exposed the important results obtained from our research and promoted the publicity of The Rufford Foundation as an important funder to develop our works. The event will be performed on October 11-13 2023.
- Finally, it is important to highlight that I was selected as the winner in the award "Premio Talento EDOMÉX: Jóvenes Científicos e Investigadores" ("Young Scientists and Researchers from the Mexico state", In English) by the Consejo Mexiquense de Ciencia y Tecnología (or "Mexican Center of Science and Technology", in English). This award is based on my academical, research and conservation experience. Because the Rufford foundation has been an important support during these >5 years, it is for me very important to thank you. Undoubtedly, without the support from The Rufford Foundation most of the proposed initiatives and conservation outcomes would not be developed. Therefore, it is my pleasure to share this important news.





