

## Interests

Enthusiastic to develop a further understanding of the ecological, social and economic significance of biodiversity and ecosystem services supply as a way to influence positive changes in business and policy toward environmental and economic sustainability.

## Education

11/2018 - Today

### **PhD candidate Environmental and evolutionary biology.**

Sapienza Università di Roma.

Marie Skłodowska-Curie early Research Fellow. ITN. Inspire4Nature. International training at the Science-Policy Interface

10/2014 - 06/2017

### **Master of Science in Sustainable Resource Management.**

Technische Universität München.

06/2005 - 12/2010

### **Bachelor of Science (Hons) in Biology.**

Pontificia Universidad Javeriana.

## Relevant professional experience

11/2018 - 10/2021

### **Early career research fellow**

- Publications as leading author evaluating the role of biodiversity to achieve environmental sustainability in global food systems.
- Global and regional policies were analysed and proposed to safeguard biodiversity of mammals at global level, and farmland biodiversity at regional level in Europe
- Development of a species distribution model to identify the environmental and climatic risks of cacao production to the lack of wild pollinators
- Model implementation of land use change and climatic scenarios
- Participation and support to the Task force on Scenarios and Models 'From visions to scenarios for nature and nature's contributions to people for the 21st century' of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)
- As per invitation, voluntary support to the evaluation of the assessment of Sustainable Use of Wild Species prepared by IPBES

03/2016 - 08/2017

### **Researcher**

Terrestrial Ecology Department, Technische Universität München

- One year research study on endangered bird species of coastal forests in Kenya to optimise their local and regional conservation strategy.
- Species distribution and habitat suitability modelling, nocturnal telemetry, playback calls, and detailed assessments of vegetation structure are among the activities and methods implemented
- GIS tools and statistical software including R and SPSS were used for data analyses
- Improvement of local conservation strategies were achieved after sharing research results with diverse stakeholders in Kenya.

- 03/2016 - 05/2018 **Field Assistant**  
 German Academic Exchange Service (DAAD) and Technische Universität München
- Bird ringing and telemetry tracking of riparian bird species
  - Spatial data gathering, processing to produce land-use and biodiversity threat maps
  - Insect monitoring aimed to evaluate economic effects of crop pests in timber plantations
- 10/2013 - 06/2015 **Consultant**  
 World Commission Monitoring Centre (WCMC) and the International Union for Conservation of Nature (IUCN)
- Management and updating of large databases including the Protected Area Management Effectiveness evaluation (PAME) and the World Database on Protected Areas (WDPA).
  - Detailed evaluation process to ensure consistent and complete data
  - Management effectiveness analysis was performed through statistical analysis and current and future management trends of Protected areas were summarised
- 10/2012 - 12/2013 **Research Assistant**  
 School of Geography, Planning, and Environmental Management. University of Queensland, Australia
- Data sets at global and national scales were analysed with GIS tools to measure the effectiveness of different protected area management and governance systems in reducing deforestation
- 04/2009 - 12/2009 **Intern**  
*Fundación Malpelo y Otros Ecosistemas Marinos* - Malpelo and other marine ecosystems foundation, Colombia
- Detailed statistical analysis of long-term database to orientate ecological research activities and to obtain information statistically and ecologically consistent for an effective management
  - Set up the bases for a long-term monitoring programme in the marine protected area

## Awards and research grants

- 2017** Funds based on a quality-oriented selection process to support students for the completion of seminar papers and research. Granted by the Federal Ministry of Education and Research, Germany. (1450 Euros).
- 2016** Research activities funding through the DAAD - German Academic Exchange Service, within the framework of the project "Quality Network Biodiversity Kenya: Population ecology of the Sokoke Scops owl". (5000 Euros).
- 2015** Winning poster for Final Symposium "Between Lecture Hall and Project Work" held by the GIZ-German Agency for International Cooperation with the project "REDD+ucing deforestation in Colombia. Community Forestry Monitoring. Opportunities, challenges and recommendations" July 2015. Berlin, Germany.
- 2014** Scholarship for post-graduate studies for outstanding academic results. Granted by COLFUTURO. (25000 USD).

## Languages

Spanish	Native
English	Fluent

## Skills

Geographical Information Systems: QGIS and ArcGIS	Advanced
Statistical software: R,	Advanced
Microsoft Access for large database management	Expert

## Publication List

### *Book chapters*

Mammal conservation. Cuadros, I., Rondinini, C. 2021. In A Handbook for Climate Mitigation through Food System Reform. Batini, N. Eds. Editorial Island Press, Washington, D.C., United States.

Monitoreo ecológico como herramienta eficaz de manejo. Cuadros, I., Zamora C, Acosta, A. En Conocimiento Científico Permeando la Política Ambiental. Romero-Torres, M. & Acosta, A. Eds. 2012. Editorial Pontificia Universidad Javeriana, Bogotá D.C. Colombia.

### *Articles*

Cuadros-Casanova, I., Cristiano, A., Biancolini, D., Cimatti, M., Sessa, A.A., Mendez Angarita, V., Dragonetti C., Pacifici, M., Rondinini, C., Di Marco, M. **In review**. Opportunities and challenges for the CAP reform to support the European Green Deal

Cuadros-Casanova, I., Juffe-Bignoli, D., Pacifici, M., Visconti, P., Rondinini, C. **In prep**. The role of the neglected wild pollinators in cocoa production and their vulnerability to global change

Using indicator species to identify high quality habitats in East African coastal forest. Habel, J., Zamora, C., Rödder, D., Teucher, M., Cuadros, I., Fischer, C. 2021. Biodivers Conserv. DOI: 10.1007/s10531-021-02124-8

Safeguarding a sinking flagship species in a biodiversity hotspot. Cuadros, I., Zamora, C., Ulrich, W; Seibold, S; Habel, J. 2018. Biodiversity and Conservation. DOI: BIOC-D-17-00826R2.

East African coastal forest under pressure. Habel, J., Cuadros, I., Zamora, C., Teucher, M., Hornetz, B., Shauri, H., Mulwa, R., & Lens, L. 2017. Biodiversity and Conservation, 1-8.

Changes in protected area management effectiveness over time: A global analysis. Geldmann, J., Coad, L., Barnes, M., Craigie, I. D., Hockings, M., Knights, K., Leverington, F., Cuadros, I., Zamora, C., Woodley, S. & Burgess, N. 2015. Biological Conservation, 191, 692-699. DOI: 10.1016/j.biocon.2015.08.029.

Measuring impact of protected area management interventions: current and future use of the Global Database of Protected Area Management Effectiveness. Coad, L., Leverington, F., Knights, K., Geldmann, J., Eassom, A., Kapos, V., Kingston, N., Gonçalves de Lima, M., Zamora, C., Cuadros, I., Nolte, C., Burgess, N. & Hockings, M. 2015. Phil. Trans. R. Soc. B, 370(1681), 20140281. DOI: 10.1098/rstb.2014.0281.

A Preliminary Assessment of Protected Area Management within the WWF 'Coastal East Africa' Priority Place, Eastern Africa. Knights, K., Cuadros, I., Coad, L., Leverington, F., O'Connor, B., Zamora, C., Gonçalves de Lima, G. 2014. Parks 20 (2): 77-88. DOI: 10.2305/IUCN.CH.2014.PARKS.

Progress towards the CBD Protected Area Management Effectiveness targets. Coad, L., Leverington, F., Burgess, N., Cuadros, I., Geldmann, J., Marthews, T.R., Mee, J., Nolte, C., Stoll-Kleemann, S., Vansteelant, N., Zamora, C., Zimsky, M. and Hockings, M. 2013. PARKS, 19(1).