

# Daniela PIRAQUIVE BERMÚDEZ

*Biologist MSc. Biological Science*

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Untere Karspüle 2, 37073, Göttingen.

Biologist with a Master degree in Biological Science at Pontificia Universidad Javeriana (Colombia). Responsible person with high capacity for learning, collaborating and in compliance with professional skills to work as a team member and for itself. With the ability to formulate and develop projects aimed at research in the sciences of biology, with a special interest in paleoecology, palynology, climate change and vegetation of medium and high mountain south tropical ecosystems. I have experience in data processing and analysis (R, R-Studio, Statistix, psimpoll, Ghostscript, Ghostview, Bcal, Calib, Clam, Bacon), description of lithology-sedimentology, Geographic Information System (GIS - Qgis).

## PROFILE

*From 2017*

### PhD Student

**Georg-August Universität  
Göttingen**

Department of Palynology and  
Climate Dynamics  
Göttingen, GER

*2008 - 2013*

### Bachelor of Biologist Universidad El Bosque

Bogotá, COL

*2014 - 2016*

### Magister in Biological Science Pontificia Universidad

**Javeriana**

Bogotá, COL

## EDUCATION

**Researcher**  
**Universidad Nacional de  
Colombia**

Bogotá, COL  
*2011- 2016*

Research in the area of Palynology and Paleocology at the Laboratory of Palynology and paleoecology of the Instituto de Ciencias Naturales ICN Universidad Nacional de Colombia.

**Independent  
Consultant/Biologist**  
**Environmental consulting**

Bogotá, COL

*March 2013- 2016*

Biologist specialist in epiphytes, developing the characterization and description of biotic component.

Provide professional services in biology on the topic of analysis of environmental impacts in the Llanos Region (Vichada, Vaupés, Guaviare and Guainía).

Conservation, restoration and sustainable use of local strategic ecosystems

## WORK EXPERIENCE

## TEACHING EXPERIENCE

**Postgraduate course/Assistant Professor Quaternary Paleocology: Reconstruction of Paleoenvironments**  
San Rafael, Mendoza, ARG  
November 23 - December 4, 2015

With emphasis on microfossil analysis: pollen, charcoal, plant macrofossil remains, ostracods, diatoms, other. Source: <https://www.uni-goettingen.de/en/413062.html>.

**Bibliographical production/Book Chapter Colombia, Diversidad Biótica XIII**  
Universidad Nacional de Colombia  
2013

DANIELA PIRAQUIVE BERMÚDEZ, JESÚS ORLANDO RANGEL CHURIO, "Caracterización Palinológica de la Familia Melastomataceae en el Caribe Colombiano" - "Palynological characterization of the Melastomataceae family in the Colombian Caribbean región". Colombia, Diversidad Biótica XIII. En: Colombia ISBN: 978-958-761-506-7 ed: Instituto de Ciencias Naturales Universidad Nacional de Colombia, v.1, p 331-354, 2013.

**Postgraduate course Analysis of palaeoenvironmental data**  
Mar del Plata, ARG  
November 16 -20, 2015

Provide an overview and hands on training of numerical methods commonly used with such datasets as well as handling radiocarbon dates and deriving chronologies. Taught by Dr. Thomas Giesecke University of Göttingen.

## PROFESSIONAL COURSES

**Course Dinoflagellates: Applications to the paleoecology and the oil industry**  
Bogotá, COL  
May 25 -26, 2015

I Theoretical-practical course in palynology. Taught by Manuel Paez-Reyes University of Houston and Catalina González, Universidad de Los Andes, 12 hours, given in Bogota Universidad de Los Andes.

**Postgraduate course Quaternary paleoecology: Reconstruction of Paleoenvironments**  
Mar del Plata, ARG  
August 4 -15, 2014

Taught by Dr. Sonia Fontana University of Göttingen and Professor Keith Bennett Queen's University Belfast.

**Congress XIV International Palynological Congress**  
Salvador (Bahia), BRA  
October 23 -28, 2016

Speaker - Oral presentation: Paleocological reconstruction from the Mid Holocene (5500 years B.P.) in Palm Swamp Communities (*Mauritia flexuosa* L. f.) on the Amazon Region (Colombia).

## SEMINARS, CONGRESS

**Congress VIII Colombian Congress of Botany**

Speaker - Oral presentation: Preliminary results of

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Manizales, CO  
August 2 -6, 2015

Paleoecological reconstruction from the Mid Holocene (5500 years B.P.) in Palm Swamp Communities (*Mauritia flexuosa* l. f.) on the Amazon Region (Colombia).

**Congress**  
**VII Colombian Congress of Botany**  
Ibagué, CO  
August 6 -10, 2013

Speaker - Oral presentation:  
Palynological characterization of the Melastomataceae family in the Colombian Caribbean region.

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Computer and data analysis  
Field work  
Quaternary palynology  
English

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**SKILLS**