

## Carlos D'Apolito

Doctoral Researcher

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### About

**Title of PhD:** Neogene-Quaternary landscape evolution, plant diversity and palynostratigraphy in Western Amazonia

**Supervisors:** Guy J. Harrington (lead supervisor) and **[Jon Sadler \(/staff/profiles/gees/sadler-jon.aspx\)](/staff/profiles/gees/sadler-jon.aspx)** (co-supervisor)

Carlos D'Apolito is investigating the environmental history of the Amazon. He uses Palynology as a tool for dating rocks and measuring past plant diversity. Carlos is currently studying the Neogene and Quaternary formations of western Amazonia.

### Qualifications

MSci Botany – INPA, National Institute for Amazon Research (Brazil) -2010

Bachelor degree in Biology - UFGD, University of Grande Dourados (Brazil) – 2008

### Biography

Carlos completed his undergraduate studies in Biology in Brazil, after which he did a Masters in Neotropical Botany in Manaus, Amazonas, Brazil. He studied Quaternary Palynology for his Masters degree and then went to the Smithsonian Tropical Research Institute (STRI) in Panama to Join Carlos Jaramillo's research group, where he spent two years working on Cretaceous Palynology.

### Research

#### Research interests

Palynostratigraphy and palaeoecology of the Neotropics, with special interest in past plant communities in the Amazon basin.

#### Grants

Full PhD funding from the programme Science Without Borders (CAPES-Brazil), 2012-2015 (<http://www.cienciasemfronteiras.gov.br/web/csf> (<http://www.cienciasemfronteiras.gov.br/web/csf>)).

Small research grant (ASSP-USA). 2013 (<http://www.palynology.org/student-support> (<http://www.palynology.org/student-support>)).

Travel grant (AASP-USA) 2014.

### Publications

**D'Apolito, C.**, Absy, M.L., Latrubesse, E.M. 2013. The Hill of Six Lakes revisited: new data and re-evaluation of a key Pleistocene Amazon site. *Quaternary Science Reviews*, 76: 140-155. (<http://dx.doi.org/10.1016/j.quascirev.2013.07.013> (<http://dx.doi.org/10.1016/j.quascirev.2013.07.013>)).

Absy, M. L., Cleef, A M., **D'Apolito, C.**, Da Silva, M. F.F.2014. Palynological differentiation of savanna types in Carajás, Brazil (southeastern Amazonia). *Palynology*, 38:78-89 (10.1080/01916122.2013.842189).