

DR. SIRIA BIAGIONI

Curriculum Vitae

Personal

Born: 07.12.1982 in Rome, Italy
Nationality: Italian

Academic Education and Work Experience

- 2015-ongoing **Postdoc** at the Department of Palynology and Climate Dynamics, University of Goettingen
- 2011-2015 **PhD** degree in Biodiversity and Ecology
University of Goettingen
Mark: Summa cum laude (with highest honors)
- 2008-2010 **Research assistant**
Palynological and Archaeoenvironmental Laboratory - C.A.A. G. Nicoli S.r.l.
San Giovanni in Persiceto (Bologna, Italy)
- 2006-2008 **Master** degree in Prehistoric Sciences
University of Ferrara (Italy)
Mark: 110 cum laude/110 (with highest honors)
- 2002-2006 **Bachelor** degree in Natural Sciences
La Sapienza University of Rome
Mark: 110 cum laude/110 (with highest honors)

Further qualifications

Scientific:

- **Recent and fossil non-marine ostracods: their applications in palaeoenvironmental reconstructions**, course, University of Goettingen, 2014
- **Research project and self-management** provided by Matuschek Consulting, 2014
- **Career coaching** provided by Matuschek Consulting, 2013
- **Oral presentation and self-confidence** coaching provided by Matuschek Consulting, 2013
- **Towards quantitative landscape reconstructions from pollen diagrams, calibration and simulation approaches**, course, University of Goettingen, 2012
- **Statistics for Ecology and Conservation Biology**, course, University of Goettingen, 2012
- **III International School of Paleopedology** in Siberia, Russia, 2012
- **Einführung in die Kulturpflangengeschichte**, course, University of Goettingen, 2011

Languages: Italian (mother tongue), English (fluent), Indonesian (intermediate) and German (beginner)

Reviewing: Journal of Vegetation Science, Palynology, European Journal of Protistology, Quaternary Science Reviews

Computing: Microsoft Office Suite, Adobe Photoshop and Illustrator, Tilia and Tilia graph, C2, Past, Quantum Gis, Canoco and CharAnalysis softwares, R and Rstudio

October 2017

Teaching: see section below

Outreach activities: Member of the team projecting and designing the database of Pollen and Spore images of the Department of Palynology and Climate Dynamics (<http://gdvh.uni-goettingen.de>); Managing the webpage and social media accounts of the Department of Palynology and Climate Dynamics (Facebook and Twitter)

Field work / Expedition

- Indonesia** **Palaeoecological and ecological field work** in the Islands of Sulawesi and Sumatra as part of the ELUC and EFForTS projects funded by German Research Foundation (DFG), *2011-ongoing*
- Italy** Field trip to the Dolomites (Belluno province) and surroundings of Rome (Lazio region), focus on **vegetation and vegetation-climate history**, *2017*
- Archaeopalynological** field work in Camarina, Sicily (Italy) in collaboration with prof. dr. Johannes Bergemann, *2016*
- Germany** Field work as part of the course in **Palynology and Vegetation history**. Verden-Bleder, Germany (*2016*) and Körbecker Bruch and Warburger Börde, Germany (*2015*)

International conferences and workshops

European Conference of Tropical Ecology (GTÖ)

Brussels, Belgium, *2017* (chair of session); Göttingen, Germany, *2016* (chair of session); Zurich, Switzerland, *2015*; Freising/Munich, Germany, *2014*; Vienna, Austria, *2013*; Erlangen, Germany, *2012*

International Palynological Congress and International Organisation of Palaeobotany Conference

Salvador, Bahia, Brazil, *2016* (chair of session); Tokyo, Japan, *2012*

International Peat Congress

Kuching, Sarawak, Malaysia, *2016*

Palaeo-Resilience Workshop

Finse, Norway, *2016*

Fire history baselines by biome, A Global Paleofire Working Group Workshop

Château de la Tour, Beguey, France, *2016*

Centenary 1916-2016: pollen analysis and the legacy of Lennart von Post

Stockholm, Sweden, *2016*

International Congress for Quaternary Sciences (INQUA)

Nagoya, Japan, *2015*; Bern, Switzerland, *2011*

International Seminar and National Congress on Agroecology

Palu, Indonesia, *2013*

International Flora Malesiana Symposium

Bogor, Indonesia, *2013*

International conference on Southeast Asian Gateway Evolution (SAGE)

Berlin, Germany, *2013*

Research focus and profile

I'm an early career scientist dedicated to the study of palaeocology and vegetation history. My main interests is in tropical palynology, particularly of Southeast Asia, where I have been working for the past 6 years. I'm currently employed at the University of Göttingen as a postdoc in the EForTS-CRC990 project. I invest my academic life designing relevant ecological questions and working in the field and lab, where I collect materials and data which I use to answer those questions. As part of my academic career, I found enriching and gratifying teaching to students and supervise them for their theses work.

Third part funds and awards

- **Merian Award for the best presentation** from an early career scientist at the “European Conference of Tropical Ecology (GTÖ)”, 06-10.02.2017 in Brussels, Belgium
- **Grant by the Organizing Committee of the IPC/IOPC** for the participation in the "XIII International Palynological Congress and IX International Organization of Palaeobotany Conference – Palynology and Palaeobotany in the Century of the Environment", 23-30.08.2012 in Tokyo, Japan
- **Grant by the Göttingen International der Exzellenzinitiative** for the participation in the “III International School of Paleopedology for young scholars in Siberia”, 1-5.08.2012 in Novosibirsk, Siberia, Russia

Publications (5 most important)

- Hapsari, K.A., **Biagioni, S.**, Jennerjahn, T.C., Reimer, P.M., Saad, A., Achnopha, Y., Sabiham, S., Behling, H., 2017. *Environmental dynamics and carbon accumulation rate of a tropical peatland in Central Sumatra, Indonesia*. Quaternary Science Reviews, 169: 173-187.
- Setyaningsih, C.A., **Biagioni, S.**, Saad, A., Achnopha, Y., Sabiham, S., Behling, H., 2017. *The effect of volcanism on submontane rainforest vegetation composition: Paleocological evidence from Danau Njalau, Sumatra (Indonesia)*. The Holocene (online first)
- Biagioni, S.**, Krashevskaya, V., Achnopha, Y., Saad, A., Sabiham, S., Behling, H., 2015. *8000 years of vegetation dynamics and environmental changes of a unique inland peat ecosystem of the Jambi Province in Central Sumatra, Indonesia*. Palaeogeography, Palaeoclimatology, Palaeoecology 440, 813-829.
- Biagioni, S.**, Haberzettl, T., Wang, L.C., St-Onge, G., Behling, H., 2015. *Unravelling the past 1,000 years of history of human-climate-landscape interactions at the Lindu plain (Sulawesi, Indonesia)*. Vegetation History and Archaeobotany 25, 1-17.
- Biagioni, S.**, Wüdsch, M., Haberzettl, T., Behling, H., 2015. *Assessing resilience/sensitivity of tropical mountain rainforests towards climate variability of the last 1500 years: the long-term perspective at Lake Kalimpa (Sulawesi, Indonesia)*. Review of Palaeobotany and Palynology 213, 42-53.

Teaching experience

Seminar/Class/Excursion:

- 2017** Macro-charcoal analysis seminar part of the Methods in Palaeoecology course, BSc/MSc/PhD Level
Seminar and excursion on the vegetation, environment and climate history of Italy, MSc Level
- 2016** Vegetationsgeschichte außereuropäischer Länder, Asien-Australien, BSc/MSc Level
Palynology: materials, methods and applications. Seminar given at the Tadulako University, Palu, Indonesia, BSc/MSc Level
Macro-charcoal analysis seminar. Internal to Department of Palynology and Climate Dynamics, PhD Level
- 2015** Vegetationsgeschichte außereuropäischer Länder, Asien-Australien, BSc/MSc Level
Macro-charcoal analysis seminar. Internal to Department of Palynology and Climate Dynamics, PhD Level
Seminar der Abteilungen Vegetationsanalyse & Phythodiversitaet und Palynologie & Klimadynamik, BSc/MSc/PhD Level
- 2014** Vegetationsgeschichte außereuropäischer Länder, Asien-Australien, BSc/MSc Level
Seminar der Abteilungen Vegetationsanalyse & Phythodiversitaet und Palynologie & Klimadynamik, BSc/MSc/PhD Level
Palynology: materials, methods and applications in biological sciences. Seminar given at the Department of Biology, IPB, Bogor, Indonesia, BSc/MSc Level
Macro-charcoal analysis seminar part of the Data handling in Palaeosciences course, BSc/MSc/PhD Level
GIS class. Lectures and practical 1-day seminar at the Department of Palynology and climate Dynamics, PhD Level
- 2013** Vegetationsgeschichte außereuropäischer Länder, Asien-Australien, BSc/MSc Level
Late Quaternary vegetation and climate dynamics of Southeast Asia, part of Pollenanalytische Übungen, BSc/MSc Level
Seminar der Abteilungen Vegetationsanalyse & Phythodiversitaet und Palynologie & Klimadynamik, BSc/MSc/PhD Level
- 2012** Seminar der Abteilungen Vegetationsanalyse & Phythodiversitaet und Palynologie & Klimadynamik, BSc/MSc/PhD Level

Supervision:

Christina Ani Setyaningsih, PhD Biodiversity and Ecology, *2014-ongoing* (as daily supervisor)
Kartika Hapsari, PhD Biodiversity and Ecology, *2014-ongoing* (as daily supervisor)
Sabrina Eva Buth, BSc. Biology, *2017* (as daily supervisor)
Johanna Christina Reger, BSc. Ecosystem management, *2017*
Tabea Bönisch, MSc. Master of Education, *2017* (as daily supervisor)
Birgit Marzinzig, MSc. Ökologische Landwirtschaft, *2016* (as daily supervisor)
Felix Klaus, MSc. Biodiversity, Ecology and Evolution, *2016* (as daily supervisor)
Fabienne Heese, BSc. Biodiversity, Ecology and Evolution, *2016*
Anna Ameskamp BSc. Ecosystem management, *2015*
Katharina Reuter. M.Sc. Agriculture - Ressourcemanagement, *2015* (as daily supervisor)