

Daniel Sebastian Goll

1. Personal Data and current position

Name: Daniel Sebastian Goll
Languages: German (mother tongue), English (fluent), French (basic)
Position: Research associate (permanent), University Paris-Saclay
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ResearchGate: https://www.researchgate.net/profile/Daniel_Goll
SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=55363778300>
LOOP: <https://loop.frontiersin.org/people/798652/overview>
Personal website: <https://daniel-goll.webnode.com/>

2. Education

2022 Habilitation à diriger des recherches / Université Paris Saclay / France
2012 Doctorate (graduation 11.2012)
Max Planck Institute for Meteorology / University of Hamburg / Hamburg / Germany
2012 Graduation International Max Planck Research School on Earth System Modelling / Hamburg / Germany
2009 Diploma in Biology
Justus-Liebig-University Giessen / Giessen / Germany

3. Professional and academic experience

2020 – current Research Associate
University Paris-Saclay / Saclay / France
2019 – 2020 Research Associate / Lecturer
Institute of Geography / Augsburg University / Augsburg / Germany
2015 – 2019 Research Associate
Le Laboratoire des Sciences du Climat et de l'Environnement / Gif-Sur-Yvette / France
2013 – 2015 Research Associate
Max Planck Institute for Meteorology / Hamburg / Germany

4. Research projects (selection)

2023- 2028 **VESRI CALIPSO**
2022- 2025 **EJP-Soil ICONICA**
2022 - 2026 **H2020 Rescue**
2022 - 2026 **H2020 ClieNFarms**
2021 - 2027 **ANR Cland**
2018– current **NSF**. “RCN-INCyTE: Investigating nutrient cycling in terrestrial ecosystems”

2016-2020 **DFG.** “The role of phosphorus in limiting Amazon rainforest productivity under global environmental change”
2018– current **NERC.** “Quintus” Quinquennial (half-decadal) carbon and nutrient dynamics in temperate forests: Implications for carbon sequestration in a high carbon dioxide world
2016–2021 **ERC.** “IMBALANCE-P” Effects of phosphorus limitations on Life, Earth system and Society

5. Supervision of junior researchers at graduate and postgraduate level

(co)supervisor of doctoral students

2022 - current **Ke Yu**

“Biophysical impact of farmings solutions”

2017 - 2021 **Yan Sun** with Dr. Philippe Ciais, LSCE, France

“Phosphorus constraints on land carbon cycling”

2020 **Marie-Lea Pouliq** with Dr. Philippe Ciais, LSCE, France

“Controls on soil phosphorus availability on land-scape level in Amazonia”

Informal co-supervisor of doctoral students

2017 - 2020 **Yuan Zhang** with Dr. Olivier Boucher, IPSL, France

“Impacts of anthropogenic aerosols on the terrestrial carbon cycle”

2016 - 2019 **Marko Kvakic** with Dr. Bruno Ringval, INRA Centre de Bordeaux Aquitaine, France

“To what extent does phosphorus limit agricultural production at global scale? A process based approach”

(co)supervisor of postdocs

2023 - 2024 **Dr. Xianjin He**

2022 - 2023 **Dr. Stephen Mackenize Bell**

2020 - 2023 **Dr. Yuan Zhang** with Dr. Philippe Ciais, LSCE, France

2017 - 2019 **Dr. Yuanyuan Huang** with Dr. Philippe Ciais, LSCE, France

2017 - 2019 **Dr. Fabio Cresto-Aleina** with Dr. Philippe Ciais, LSCE, France

2017 - 2020 **Dr. Haicheng Zhang** with Dr. Philippe Ciais, LSCE, France

2017 - 2019 **Dr. Marie Combe** with Prof. Dr. Hans Verbeek, University Ghent, Belgium

6. Prizes, fellowships, distinguished memberships

2011 Poster award. 27th New Phytologist Symposium

2011 Travel grant. 27th New Phytologist Symposium

2015 - 2019 Member of Geoscience Union

7. Governing activities

Institutional responsibilities

2023- current Associate editor at Biogeosciences

2020 - current Team Leader BIOGEO at the LSCE

- 2020 –current Member of scientific steering committee of the CLAND convergence institute
- 2020 – current Guest editor: Frontiers in Forests and Global Change
- 2015 – current Organizer of seminar series on biogeochemical cycles (<https://biogeo60.webnode.com/>)
- 2019 – 2020 Academic training of BSc. and MSc level in geology and climate change
(incl design of new courses), University Augsburg / Augsburg / Germany
- 2016 Lecturer at summer school by the Sino-French Institute for Earth System Science
- 2015 Lecturer at summer school by the Sino-French Institute for Earth System Science
- 2014 Member of the working group for the implementation of good scientific practice at
the Max Planck Institute for Meteorology.

Peer-review for scientific journals

I have reviewed manuscripts for for 10+ SCI journals including Atmospheric Chemistry and Physics, Biogeosciences, Current Opinion in Environmental Sustainability, Earth System Dynamics, Geophysical Research Letters, Geoscientific Model Development, Global Biogeochemical Cycles, Journal of Geophysical Research - Biogeosciences, New Phytologist, Plant and Soil, Science, Science Advances, Science of the Total Environment.