

**Post Doc fellowship: Secondary Organic Aerosols in
Amazonia
University of Sao Paulo**

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Posted Jun. 27, 2025, set to expire Oct. 26, 2025

Job Title	Post Doc fellowship: Secondary Organic Aerosols in Amazonia
Department	Physics Institute https://lfa.if.usp.br/
Institution	University of Sao Paulo Sao Paulo, , Brazil
Date Posted	Jun. 27, 2025
Application Deadline	Jul. 15, 2025
Position Start Date	August 2025
Job Categories	Post-Doc
Academic Field(s)	Environmental Sciences/Ecology/Forestry Earth Sciences Chemistry - Organic Atmospheric Sciences
Apply By Email	artaxo@if.usp.br

Job Description

The FAPESP Thematic Project 2023/04358-9 offers a postdoctoral position focused on investigating the mechanisms of secondary aerosol formation in the Amazon, with special emphasis on state-of-the-art measurements of chemical composition and nanoparticle size distributions. The position is open to Brazilian and foreign researchers. The ideal candidate will have a PhD, completed within the last seven years, in physics, atmospheric science, chemistry, environmental science, meteorology, or a related field. The candidate should demonstrate proven experience with aerosol measurement instrumentation, preferably including aerosol mass spectrometers such as ACSM or AMS, and aerosol particle size distribution analysers such as SMPS, as well as experience with data analysis and the interpretation of particle size distributions and chemical composition. Proficiency in scientific

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programming languages such as MATLAB, Python, or R is required. Experience with long-term atmospheric datasets, multivariate statistics such as Positive Matrix Factorization, and participation in field campaigns in remote environments is highly desirable. The candidate should also have an interest in working collaboratively in a multidisciplinary, international research environment.

The selected candidate will receive a FAPESP Postdoctoral Fellowship of R\$12.000 per month, along with a technical reserve equivalent to 10% of the annual grant value for research-related expenses. The position is based at the Institute of Physics, University of São Paulo (São Paulo, Brazil), under the supervision of Prof. Paulo Artaxo, with opportunities for collaboration with national and international partners. Applicants should submit a current CV, a copy of the PhD diploma, and a motivation letter detailing their relevant experience and research interests to artaxo@if.usp.br. The application deadline is July 15, 2025.

EEO/AA Policy

This opportunity is open to candidates of any nationality, with a fellowship granted by the São Paulo Research Foundation (FAPESP) in the amount of R\$12.000 monthly plus a research contingency fund equivalent to 10% of the fellowship's annual value, for 18 months.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Paulo Artaxo
Physics Institute
University of Sao Paulo
Rua Do Matao, 1371
Sao Paulo
Brazil

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