



Planetary Research: A new diamond open access journal for planetary science

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Planetary Research is a new diamond open-access journal for the planetary sciences and is set to be launched in January 2026. *Planetary Research* will follow an alternative to the traditional model of commercial publishing: the diamond open access model, whereby the journal is run entirely by volunteers using free and open-source software, and owned by the community, through a non-profit association that has been set up in France (The Planetary Research Cooperative). This means that all articles published in *Planetary Research* will be available for free for both authors and readers, with no access, subscription, or submission processing charges, whilst the journal scope and principles are determined by the community through participation in the online forum and monthly meetings. Further opportunities for participation include open calls for the positions of editor-in-chief, editors, associate editors, and members of the media team and technical team, with deadlines on July the 1st, 2025 (see <https://planetary-research.org> for details).

Planetary Research will cover the full scope of planetary science, including work based on spacecraft and Earth-based observatory data, laboratory studies of extraterrestrial or analogue materials, theoretical and numerical modeling, and terrestrial field-site analogue research. Studies on the Earth, as well as extrasolar systems, exoplanets, and solar and stellar phenomena, are welcome when the results are presented in a comparative planetology context. Original research will be published as long-format articles or short letters, with additional article types provided for reviews, descriptions of planetary missions and instrumentation, numerical codes, datasets, and commentaries that express a point of view on a topic or current issue. Published journal articles will receive a Digital Object Identifier (DOI) as in traditional journals. *Planetary Research* will apply to be indexed in Clarivate's Web of Science Core Collection and Elsevier's Scopus database by the end of 2026, and a journal Impact Factor will be automatically computed by Clarivate once two full years of citation data exist.

Articles in *Planetary Research* will be peer-reviewed by expert reviewers assigned by the editorial team, with a choice of single-blind or double-blind review. Reviewers and associate editors will be by default anonymous but may choose to identify themselves. Having passed through the peer-review process, articles will be published on the journal website under a Creative Commons Attribution 4.0 license (CC BY 4.0), freely available to all with the authors retaining the copyright. All reviews, associate editor recommendations, and editor assessments will be made available as a review report that will be linked to the published article on the website. Each published article will also be

promoted on the website and through social media by the journal's volunteer-led media team to increase its visibility and engagement both within the scientific community and the wider general public.

Based on the recent successes of diamond open access journals in other fields (Volcanica, Seismica, Tektonika, Geomorphica, Sedimentologika, Advances in Geochemistry and Cosmochemistry, and soon Geodynamica), *Planetary Research* will use open-source software and volunteers for managing day-to-day journal activities, while the technical copyediting and production services are the only parts that are outsourced. This will be done by, and the journal hosted by, the Open Publishing Services (OPUS) at the Université Paris Cité. The total running costs for the journal will thus be kept between 10,000 and 30,000 € per year. The journal's first year running costs have already been met, and a number of grant proposals and discussions are underway to secure the longer-term funding. It is envisaged that a consortium of national space agencies and planetary science funding organizations will commit to assuring the operational costs of the journal, with 10 such partners ensuring that an individual contribution of only a few thousand euros per year would be needed.

The journal's key principles follow those of open science. By removing financial barriers to publication, making the journal's functioning open to community participation, and promoting to and engaging with the general public of individual research articles, *Planetary Research* aims to democratise access and dissemination of scientific knowledge in the field of planetary science.

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