

## Good Practices of Open Science and the Route of the Agropecuária Catarinense Journal towards SciELO

Open Science is a movement that began with open access in 2003, based on the Budapest Declaration (BOAI), and was consolidated through the efforts of the European Union in 2016, via the Horizon 2020 Program (Foster, 2025). This initiative has been exploring new horizons to produce, manage, and disseminate knowledge, impacting all spheres of scientific work – from researchers to publishing conglomerates. As a result, new practices, trends, software, systems, models, and integration networks have emerged, aimed at promoting a more equitable, transparent, and accessible science.

In Brazil, SciELO stands out as one of the main initiatives promoting open access and subsequently Open Science. In 2024, a policy was implemented to adapt the journals, oriented towards “quality control, scientific and ethical rigor, adherence to standards and good editorial practices throughout the scientific communication flow” (SciELO, 2024, p. 07), seeking to improve the editorial services of the journals indexed in its database.

In this context, since 2025 the Agropecuária Catarinense Journal (RAC) has been seeking to adapt to the good practices of scientific publication in the Open Science model, based on SciELO guidelines, aiming at the future indexing of the journal in this database.

Thus, the Agropecuária Catarinense Journal team has been working continuously to further improve the editorial work in all phases of the flow, promoting the adaptation of editorial policies, the creation of monitoring instruments, and the standardization of process steps. All adjustments will take effect from volume 39 on February 3, 2026.

RAC adopts a work model aligned with the six conformities of good Open Science practices, presented by SciELO (2024):

- (i) expresses alignment with Open Science in the editorial policy, usually in the section about the journal and in the instructions to authors;
- (ii) adopts the CC-BY license;
- (iii) accepts manuscripts deposited on trusted preprint servers;
- (iv) operates with a continuous publication mode;
- (v) requires a declaration of availability of the research data that support the text; and,
- (vi) promotes informed peer review.

Each of these conformities demands structured policies, articulated with monitoring instruments and resources at all stages of the workflow, with priority given to declared and transparent management. In this sense, RAC has undertaken a significant effort to structure the entire editorial process to meet each of these requirements.

The adjustments made to each item are presented below. Regarding requirement (i), all RAC editorial policies have been revised and aligned with Open Science best practices, practices that the journal already adopted almost entirely. Regarding item (ii), the journal will adopt the Creative Commons Attribution 1.0 (CC BY 1.0) license for the availability of universal and non-sensitive data, maintaining the Creative Commons Attribution 4.0 license for published content. To meet item (iii), from 2026 onwards, RAC will accept manuscripts previously deposited in trusted preprint servers. The journal will also operate under the continuous publication modality, meeting item (iv). Regarding item (v), RAC will require, at the time of submission, a declaration containing information on authorship, compliance with the journal’s

guidelines, originality, conflicts of interest, research ethics, preprint publication, copyright, authorship contribution, agreement with open review, and availability of research data in trusted repositories. Regarding item (vi), the journal will now promote informed peer review, encouraging the adoption of open evaluation – partial or total – as an alternative in the manuscript evaluation process.

In general, good Open Science practices apply from editorial workflow management to publication, involving the alignment of editorial policies, transparency at all stages of the process, adherence to ethical standards in conduct and research, the use of persistent identifiers, internationalization of the journal, and the dissemination of statistical reports.

In the context of scientific dissemination, RAC will expand its activity in academic networks such as ResearchGate and Academia.edu and in social networks such as Instagram and Facebook.

Thus, the journal is restructured on solid foundations, with institutional support, financial contributions, technological support, and the work of qualified professionals who work collaboratively to implement the improvements necessary for the future indexing of the *Agropecuária Catarinense Journal* in the SciELO collection.

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