



One year of *Pesquisa e Ensino em Ciências Exatas e da Natureza*: Innovations and Perspectives

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It is with great joy that we communicate one year of existence of *Pesquisa e Ensino em Ciências Exatas e da Natureza* (PECEN) and congratulate the editorial team involved in its orchestration. The journal was born in a timid and modest way. However, after only one year, PECEN is already highlighting the national scenario and gathering articles from virtually all regions of Brazil, with the inclusion of researchers linked to important postgraduate programs in the country. Among such as researchers, we can highlight the contributions of the following research productivity fellows from the Brazilian development agency *Conselho Nacional de Desenvolvimento Científico e Tecnológico* (CNPq): Antonio Domingos Brescovit (Instituto Butantan), Felipe Wartchow (UFPB/CCEN/DSE), Martin Lindsey Christoffersen (UFPB/CCEN/DSE), Sérgio André Fontes Azevedo (UFPB/CCEN/DF) and Stephen Francis Ferrari (UFS/CCBS/DECO).

In its first year of existence, the path that PECEN took was characterized mainly by actions related to **1)** the acquisition of its International Standard Serial Number (ISSN); **2)** its CrossRef affiliation (doi prefix: 10.29215) through the Brazilian Association of Scientific Editors (ABEC); **3)** the incorporation of associate editors from various higher education institutions in the country and different fields of knowledge to ensure faster responses and refined reviews in the manuscript evaluation process, thereby improving the quality of the published articles; **4)** the incorporation of the journal in portal (e.g., oasisbr); **5)** indexing the journal in relevant national and international databases (e.g., AGROBASE, Google Scholar, General Impact Factor, ICI World of Journals, Index Copernicus International, PKP Index, Research Bible and Sumários) and directories (e.g., Diadorim, DRJI, Journals for Free, Latindex, Livre and Scientific Indexing Services), thereby ensuring that the content of the journal is in repositories with a vast collection of information for consultation or the research of data from the scientific community; **6)** indexing PECEN in agencies for scientific journal impact factor (e.g., General Impact Factor and SJIFactor.com) to launch the journal on the international stage; ; and **7)** indexing in service for academics to track, verify and showcase their peer review and editorial contributions for academic journals (e.g., PUBLONS).

The journal is currently awaiting analysis and responses regarding its indexing in several other national and international databases and directories (e.g., AE Global Index, CiteFactor, CZ3, Dialnet, DOAJ, EBSCO, Elektronische Zeitschriftenbibliothek, InfoBASE Index, JournalTOCs API, JournalSeek–Genamics, Jour Informatics, LILACS, OAJI, OASISBR, ProQuest, REDIB, SHERPA-RoMEO, SJIF, Ulrichs, WORLDCAT.ORG and Zetoc) as well as international agencies that assign scientific journal impact factors (e.g., CiteFactor, Global Impact Factor, IAJIF, IIFS and JIFACTOR). We also look forward to this year for the disclosure of the classification of national and international journals by the *Coordenação de Aperfeiçoamento de Pessoal de Nível Superior* (CAPES) – denominated Qualis – referring to the intellectual production of teachers/researchers and students linked to *strict sensu* (master's and doctorate) postgraduate programs in all fields of knowledge. Thus, several proposals have been and are being implanted in the journal with the main intention of expanding and consolidating the editorial structure and offering more visibility to the articles published in PECEN in the national and international scientific community.

In 2017, PECEN received 22 and published 18 scientific articles. This year, the journal has received 22 and published eight studies. Thus, the journal received a total of 44 articles submitted for publication in 2017 and 2018. The papers published in PECEN under the responsibility of one of the scientific editors are distributed among the fields of Biological Sciences, Environmental Sciences, Health and Biological Sciences, Education and Teaching and Physical Sciences. To date, manuscripts related to original scientific research have accounted for 81% of the publications, while thematic reviews of the literature have corresponded to about 19% of the contributions. These statistics highlight the publication of about 3/4 of the articles submitted, with acceptance rates between 77 and 86% of the manuscripts evaluated. All published articles were submitted by Brazilian researchers, more than 68% of whom are linked to postgraduate programs in the country. This demonstrates the importance of PECEN for the dissemination of scientific production in the country.

On average, the period spanning the reception, acceptance and publication of manuscripts currently ranges from two to five months, ensuring (in most cases) researchers the rapid publication of articles in the months of June and December. Publications have been available in electronic format in PDF since the first half of 2017. As of January 2018, archives can also be submitted in **.tex format**.

Upon completion of the challenging mission of leading PECEN in 2017, we will undoubtedly, face even greater challenges in the upcoming years. The journal's future expectations include the continuation of the advances achieved and new improvements through constant positive change, such as the continued inclusion of the journal in important databases and directories (e.g., Dialnet, IRESIE, LILACS, Periódica, Redalyc, Redib, Scielo, Scopus, Web of Science etc.) to increase the availability of its content in open access forums on the web, the growth of the editorial team and especially its international visibility and internationalization, with the participation of foreign editors. The overall aim of these aspects is the improvement of the journal.

It should be stressed that PECEN is a free-access multidisciplinary electronic journal with no publication fees. The aim of the journal is to publish contributions written in Portuguese or English in fields related to research and teaching in the Exact and Natural sciences as well as Agrarian Sciences, Biomedical Sciences, Earth Sciences, Health and Biological Sciences, Health Sciences, Environmental Sciences, etc., at a frequency of twice annually. PECEN publishes original articles and notes based on scientific research, original articles of a theoretical-methodological nature, literature reviews, book presentations, points of view, news, opinions, printing errors, obituaries and editorials.

After one year of existence, PECEN has its merits. However, we intend to work even harder, so that the journal obtains a prominent position in the national and international spotlights. The efforts dedicated in this first year of the journal have strengthened PECEN, turning it into the main multidisciplinary journal of the state of Paraíba, one of the major multidisciplinary journals in northeastern Brazil and, above all, one of the greatest examples of

cultural heritage of the *Centro de Formação de Professores* (CFP) of the *Universidade Federal de Campina Grande* (UFCG) – Cajazeiras campus – in the state of Paraíba, Brazil.

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