

## EDITORIAL

The El Higo Science and Technology Journal is pleased to present volume 15, issue 2, corresponding to December 2025, to the academic community.

This year, the journal reached an important milestone by joining Redalyc, one of the leading platforms for indexing and disseminating scientific knowledge in Latin America. This incorporation not only reaffirms the quality of the editorial processes and the soundness of the works published, but also contributes to the international visibility of scientific production generated in Nicaragua and the region. It also represents a fundamental step toward strengthening coordination with academic networks that promote open access to knowledge.

As part of its institutional commitment to research, the National University of Engineering reaffirms its commitment to the dissemination of scientific knowledge through the promotion and consolidation of indexed journals of recognized national and regional prestige, such as the El Higo Science and Technology Journal.

This edition compiles a total of 10 articles resulting from the work of researchers from renowned institutions in Ecuador, Nicaragua, Colombia, Cuba, and Honduras. The studies presented in this issue cover a wide range of disciplines, including agricultural and agro-industrial technologies, educational quality, and environmental sciences. This thematic diversity not only enriches the content of the volume, but also demonstrates the journal's commitment to strengthening interdisciplinarity and promoting dialogue between different fields of knowledge.

We extend our sincere gratitude to all authors who have placed their trust in El Higo to disseminate the results of their research, as well as to the reviewers for their academic rigor and to the editorial and technical team for their dedicated work. The collaboration of all these individuals allows us to maintain the high standards of quality that characterize the journal.

We invite our readers to explore the contents of this issue and to continue promoting, through teaching, research, and innovation, contributions that advance scientific knowledge and sustainable development in Nicaragua and the region.

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