



## EDITORIAL LETTER

### Nexo Scientific Journal – National University of Engineering, Nicaragua

Dear readers, researchers, academics, and members of the global scientific community:

We are pleased to present Volume 38, Number 1 (June 2025) of Nexo Scientific Journal, a platform for scientific dissemination that fosters the exchange of scientific and technological knowledge with both national and international impact. In this edition, we reaffirm our commitment to applied research, innovation, and sustainable development. This issue features three articles that reflect the thematic diversity and academic rigor that characterize our publication. The research addresses contemporary challenges in the fields of Process Engineering, Business Management, and Information and Communication Technologies, highlighting the interdisciplinary approach of this edition.

The first article, titled “Antioxidant activity and sensory evaluation of commercial goat milk cheeses” is the result of collaboration between the Universidad Autónoma Metropolitana, UNAM, Purdue University (USA), and the Center for Research in Food and Development (Mexico). This study provides valuable insights into the nutritional and sensory quality of dairy products and contributes to the understanding of functional foods and their impact on public health.

The second article, “R&D+I of Mexican public energy research centers during energy reforms from 2006-2024” prepared by researchers from the Mexican Petroleum Institute and the National Polytechnic Institute, analyzes the role of science and technology in the context of transformations in the Mexican energy sector. Its findings offer key inputs for science governance and public policy formulation in Latin America.

Lastly, the article “Automatic wound detection and measurement system implemented in yolov7, for future wound healing application” developed by researchers from the Tecnológico Nacional de México (Jocotitlán and Toluca campuses) in collaboration with CIDETEC of the National Polytechnic Institute, presents an innovative AI-based system aimed at clinical wound monitoring, with promising therapeutic applications.

Nexo Scientific Journal, published by the Editorial and Publications Unit of the National University of Engineering of Nicaragua, strengthens its mission of providing an open, rigorous, and inclusive space for scientific knowledge dissemination. We are deeply grateful to the authors, reviewers, and collaborators who made this publication possible, and we especially acknowledge the Editorial Committee, particularly Dr. Albert L. Balmaceda – Santamaría. We also extend our appreciation to our readers, whose active participation gives meaning to this endeavor.

We invite you to explore this edition and continue contributing to future issues. Each scientific contribution is an opportunity to positively transform our environment.

Sincerely,

**Lester Javier Espinoza Pérez, Ph. D.**  
**Research Office**