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EQUIPO EDITORIAL / EDITORIAL TEAM / EQUIPA EDITORIAL

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Editorial

This issue of MLS Project Design & Management emphasizes the importance of joint participation that connects with the diverse scientific disciplines of our collaborators. Innovation in scientific-technological development is a fundamental feature that demonstrates the main objectives of the journal in research and dissemination. This edition presents 8 selected articles. The teaching section presents two articles describing methodologies and tools for project management in education-related topics, demonstrating the importance and need to implement updates and new methods to promote the right to education and access to it. In addition, for the civil engineering and architecture branch, two relevant investigations are presented, the first one corresponds to the analysis of materials manufactured on site detailing their resistance, cost and deformation and the second one oriented to future developments in geotechnical engineering. The Project Management section presents research describing the timely development of engineering megaprojects in Brazil and the proposal of research projects as instruments of analysis for public policies, respectively. Finally, this issue presents kinetic modeling in the production of polyhydroxyalkanoates using Bacillus megaterium.

The first article demonstrates the effectiveness of systemic inquiry through continuous improvement of project management tools, applied and validated at the Universidad Estatal a Distancia (UNED), Mexico, providing emerging opportunities for improvement as a valuable characteristic of the systemic inquiry process.

The content of the second article, which shows a quantitative research, reflects the importance of the work carried out in the educational field on children's rights and access to the first stage of basic education, the methodology was implemented in the state of Mato Grosso-Brazil as part of the last year of the National Education Plan.

The analysis of ecological bricks presented in the third article shows that this material is able to deform and continue receiving loads, unlike traditional bricks that reach their maximum resistance without major deformation, allowing buildings to have greater elastic behavior and reducing some structural failures.

The fourth article, directed to geotechnical and architectural issues in the city of Mar del Plata in Argentina, establishes differentiated geotechnical characterization zones using a quantitative-qualitative methodology and systematization on a Geographic Information System (GIS), with interpretative and descriptive analysis of the structure.

The methodology implemented in the fifth article by applying a method of schedule analysis - the FORTE v Method. 1.0 - responsible for the first integrated initiative aimed at compliance, project management and corporate knowledge, adjusted to the reality of large engineering projects in Brazil, resulting in the optimization of project management and organizational hierarchy.

Through an application case that analyzes research projects as public policy instruments, the sixth article details the theoretical relevance of the research, allowing to contribute conceptual contents from an interdisciplinary approach in the field of culture in the analysis of public policies.

The seventh article focuses its research on the development of soft skills of engineering students through a collaborative work model, the results indicate the importance of including

in their work placements, effective communication, negotiation, empathy and leadership as necessary skills in the world of work.

Finally, the eighth article proposes a first stage of using mathematical simulation models for the kinetics applied in the production of microbial polyhydroxyalkanoates, demonstrating that bacteria can be isolated from the humus of the Californian red worm, and for the growth of biomass a logistic model is used that includes an inhibition factor and a constant associated with cell maintenance.

Before concluding this editorial, it is important for all of us who collaborate in this new project to thank the team of collaborators, IT and technical, as well as the Iberoamerican University Foundation (FUNIBER) and the Universities that have provided all the material support so that this issue can be carried out, with the conviction that we are on the right path towards international recognition.

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