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Editorial

In this new issue, *MLS Project Design & Management* presents, once again, the joint work of our group of collaborators highlighting, as a primary tool, innovation in scientific-technological development. In the same way, it emphasizes the collaborative and integral work as a key piece in the development of cultural and social knowledge for the design of new projects. In this new edition, presenting 8 selected works, topics such as project management, the implementation of Information Systems for Management Indicators, and the use of MOOC (Massive Open Online Course) for training personnel of the Costa Rican Penitentiary System, also including topics on the use of GPS technology for real-time monitoring and control of cattle, tire recycling, and proper dosage of traditional materials for architectural restoration.

The first article presents a systematic review of the MACTOR method, an application for the analysis of human interactions that allows the identification of all the actors involved in a project, being of great importance for the management of development projects in the identification of their strengths and weaknesses. With the second article, through a quasi-experimental design and a longitudinal research cut, the effectiveness of implementing an Information System for the Monitoring of Management Indicators in the increase of sentences or final orders of the civil courts of the Superior Court of Justice of Tacna, during the year 2019, was determined.

The third article focuses on project management for large companies, focusing on the existence of a link between human resource management and SME project management. This work leaves an important line of research in the face of the questioning of the need to explore this research perspective. In the fourth article, a non-experimental, quantitative approach was used, where data from 349 university degree thesis projects in computer science degrees from two universities were analyzed, focusing on 3 management methodologies: Project Management Institute (PMI), a specific one for software projects, and the SCRUM framework.

Subsequently, in the fifth article, research work was conducted to determine and prioritize the training requirements of the Costa Rican Penitentiary System personnel, in order to analyze the feasibility of satisfying them through the use of MOOCs (Massive Open Online Courses). The study also included the identification of various platforms that offer MOOCs applicable to the satisfaction of the requirements of the personnel of the Costa Rican Penitentiary System. On the other hand, through the development of a prototype to determine the real-time location of cattle, the sixth article used a Global Positioning System based on GPS technology, requesting positioning coordinates from satellites. Undoubtedly, its importance lies in being able to track and control the animals in real time, thus combating theft and controlling their health.

Continuing with the seventh article, the growing rubber market available for recycling is analyzed with a cross-sectional descriptive design, using a real case of the Maule region in Chile and the statistical software SPSS, to identify, through a bibliographic search, the population of companies that generate tires. In this way, it was possible to consider a systemic model composed of inputs, processes, and outputs, not to mention the rules and resources that allowed establishing the discussion and conclusions of the work. Finally, in the last article of this issue, the use of traditional materials for restoration is established based on the mechanical behavior of the new dosages. The objective was to make a comparison between each of the mechanical tests in order to establish the best dosage to be used in an architectural restoration process.

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, in addition to the Ibero-American University Foundation (FUNIBER) and the Universities that have provided all the support

material so that this issue can be carried out, with the conviction that we are on the right path towards international recognition.

Dr. Luis A. Dzúl López
Dr. Roberto M. Álvarez
Editors in chief