

MESSAGE TO THE ENGINEERING ACADEMY MEXICO

The developed countries invest significant economic, material and human resources to acquire scientific knowledge and technological developments which allow their engineering be aware of the importance of a good performance to boost economic growth and population welfare.

Although the statistics indicate that in recent years the number has increased, the reality is that only one in one hundred Mexicans manages to obtain an engineering degree, and in consequence, Mexico is not among the countries that produce the most engineers per year. This situation limits, unquestionably, the development of our country.

Among the main objectives of our Engineering Academy are, precisely, to promote the concern for studying this discipline and spread the acquired knowledge so that they constitute a fundamental piece in the improvement of infrastructure, services, food and public health.

At this time, in the midst of the situation that affects the whole world due to the pandemic we are living through, we engineers must be very attentive in the management of natural resources, especially in water management since it is the indispensable element for life and it is essential to maintain personal hygiene as well as in all those places and objects that are in continuous contact with man due to they represent the main means of contagion.

For the above, at a world level, the paradigm for water management will change and Mexico, as power of the region, should promote best practices for its safe and sustainable management to modify the guidelines that lead the study, planning, construction, maintenance and conservation of existing and future infrastructure that provides and will provide drinking water, drainage and sanitation services to our population centers.

On the other hand, the climate change and the phenomena that derive from this, as well as prolonged droughts and rainfall of extraordinary magnitude increase the affectations to food production, infrastructure, services, public health, and consequently, to the general population.

For the above, The "Natural Resources and Climate Change" Program is of utmost importance for the Academy and it must be handled crosswise so that all the Specialty Commissions are linked to collaborate for the improvement of the natural resources management, mitigation of damage caused by climate change and the adaptation to it for the benefit of the development of our country.

Ing. Guillermo Leal Báez