

EDITORIAL

Dear readers, it is with great satisfaction that we release this second issue of volume 11 of our periodical, *Environmental Engineering: Research and Technology*. An investigation into the legal influences on environmental engineering opens this issue.

Four papers in this issue research different cultures: the second article studies the characterization and acceptability of the palm trunk pickles; the fifth article analyzes the growth of Mamoneira in compact and fertilized soil; the sixth article evaluates the effect of salinity on the gas exchange of two cultivars of sugarcane; and the tenth article studies organic fertilizer production with bovine rumen residues and coffee husks. Still in the agricultural area, the fourth article monitors and controls fruit flies in orchards of rural settlements.

In the effluents subject, we have five papers: the third article compares peracetic acid and hydrogen peroxide in sanitary sewage disinfection; the seventh article evaluates the pre-treatment of wastewater from car wash companies; the eighth article chemically characterizes liquid wastes from a soil analysis laboratory; the eleventh article studies a physico-chemical post-treatment for the removal of phosphorus from dairy effluent; and the fourteenth article investigates the reuse of effluent in the fertirrigation of *Cocos nucifera* species. In addition, the ninth article, written in English, brings a new method of determining phenol in samples of environmental interest using a biosensor based on lyophilized fungal tissue.

The thirteenth article demonstrates the importance of the maintenance of machinery in landfills in order to avoid excessive costs and ensure the success of their operations.

We close this edition with two very interesting works focusing on different types of environmental impacts: the twelfth article correlates climatic variations with cases of asthma in the city of Campo Grande - MS, and the last (fifteenth) article observes the environmental impacts in painting processes, including the case of a metallurgical industry.

We are immensely grateful to all our authors, reviewers and readers and wish you a great reading!

Profa. Ursula Luana Rochetto Dobeck

Editorial Council