

EDITORIAL

The “Environmental Engineering: research and technology” journal presents on its third edition an improvement: its semester publication, which will provide the technical and scientific communities of the entire world with a greater flexibility for the publication of their studies.

The objective of the editors is to establish the journal as a tool to spread the national studies on Environmental Engineering, contributing to the development of graduation courses in such area.

The articles that compose this edition were elaborated by professors, researches, students and workers of the following institutions: Federal University of Campina Grande (UFCG/PE); The Faculty of Agricultural Engineering of the State University of Campinas (Unicamp); Embrapa (Brazilian Company of Agriculture and Cattle Raising – Unit of Jaguariuna, state of São Paulo); Federal University of São Carlos (UFSCar – campus of Araras/SP); Secretariat of Science, Technology and Environment of the State of Pernambuco (SECTMA/PE); and the University of Espírito Santo do Pinhal (Unipinhal).

The subjects discussed on the articles comprise studies in several environmental fields, that is, higher education in environmental engineering; reuse of solid waste and residual water treatment; weather variations; soil use and occupation; environmental diagnosis; and sanitary landfill.

The article named “Pedagogical project of the Environmental Engineering course of Unipinhal: structure, emphasis and approaches” presents a series of contributions to the discussion and development of graduation courses in Environmental Engineering.

Next, there are three articles that broach reuse of residues: the first refers to the use of shredded tires as means of supporting constructed wetland for the treatment of sanitary landfill. The second considers the effects of the parget residues of pottery industry on soil chemical properties. And the third one discusses the influence of homemade compounds in the decontamination of beetroot with bacteria of the coliform species.

After, this issue broaches matters related to weather variations associated with precipitation in cities in the state of Pernambuco, reinforcing the national range of the journal.

The next article is a study case, which analyses the land use capability and its environmental consequences in the recharge area of the Guarani Aquifer, in the city of Ribeirão Preto, in the State of São Paulo, specifically in the microbasin of Espirado watershed.

Finally, in the end of the journal, there is an article about the environmental diagnosis of the sanitary landfill in the city of Limeira, in the State of São Paulo, with a history approach of its adjustment to the demands and technical rules of the environmental departments.

It is important to mention the greater visibility this journal has been acquiring in the academic sphere due to its database indexation and to its references in both national and international scientific sites for information, such as: CAPES periodicals site (<http://www.periodicos.capes.gov.br>); Free Access to Scientific Information Site – IBICT (<http://www.ibict.br/openaccess/>); Public Knowledge Project Open Archives (<http://www.pkp.ubc.ca/ojs/>); Google Scholar (<http://scholar.google.com.br/>); Directory of Open Access Journals – DOAJ (<http://www.doaj.org/>); LIVRE (<http://livre.cnen.gov.br/Default2.asp>); OAIster - [University of Michigan Digital Library Production Service](http://oaister.umdl.umich.edu/o/oaister/) (<http://oaister.umdl.umich.edu/o/oaister/>); National Center for Biotechnology Information (<http://www.ncbi.nlm.nih.gov/>).

The editors of “Environmental Engineering: research and technology” would like to thank not only the environmental technical and scientific community for the articles published but also everyone involved in its organization and preparation.

Fábio Augusto Gomes Vieira Reis

Gerson Araujo de Medeiros

Editors