

Journal «Gestión y Ambiente»

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**Universidad Nacional de Colombia,
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Fundación Universidad de América (FUA)**

Receives articles for the special issue entitled:

**«The solution to productive, environmental, energy and natural
resource management problems»**

Guest editor:

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Call for papers open between:
April 19 to July 15, 2021

Development activities, overpopulation, and commitments to sustainability are related to natural resource management. Efforts to reduce environmental impact, poverty, and deterioration in human health require joint work carried out by different actors so that in each anthropogenic intervention to the environment, social, environmental, economic, political, and geographical factors are considered, as they are directly related to the increase or deterioration of the quality of life on the planet. Despite the ongoing industrial and technological progress, it is still necessary to define new strategies to protect natural resources, a cultural change in their use, as well as the reincorporation of materials that improve energy efficiency in the processes. It is therefore important to learn about successful experiences and the tools proposed to control the overexploitation of non-renewable elements and prevent future generations from not enjoying the benefits provided by nature. To call for action in favor of rational management of these resources, it is not necessary to think about a far future, because the repercussions of environmental degradation are immediate. These can be identified in the 8.7 million lives taken by pollution in 2018, and which become the cause of one in five deaths in the world, according to the WHO.



The publication of the special issue seeks to address a series of problems related to the implementation of the Sustainable Development Goals (SDGs), as formulated by the Mission of the Wise, convened by the national government between late 2019 and early 2021. The objective is to convoke researchers working in the fields of Environmental Engineering, Chemical Engineering, and other related areas, to present projects that solve productive, environmental, energy, and natural resource management problems in the country.

The special issue «*The solution to productive, environmental, energy and natural resource management problems*» aims to commemorate the 65th anniversary of the University of America Foundation, with the idea of highlighting how its Engineering programs are committed to solving environmental and climate change problems of current affairs.

The articles in the special edition will address the following topics:

1. The separation and use of waste from the perspective of the bioeconomy and sustainable development.
2. Environmental analysis and climate change.
3. Integrated resource management and pollution control.
4. Implementation of models for management and sustainability.

Types of articles

The journal *Gestión y Ambiente* will publish in this special issue only the following articles:

1. Editorial. Pieces written by the Editor or members Editorial Committee. The extension must not exceed 1000 words at 1.5 line spacing and no more than 10 references, if any.

2. Scientific and technological research. These works present results of research on environmental issues. They must not exceed 5.500 words at 1.5 line spacing, and no more than 12 explanatory items (tables and figures). The structure is usually: introduction, materials and methods, results, discussion, conclusions, bibliography, and annex/appendix.

3. Case study or Diagnostic Imaging. It is a study, report or description of a specific case that has environmental importance. It has a *demonstrative* value, but it is not considered as a scientific test.

4. Reflection. These types of documents focus on specific environmental topics and present the results of a research from the author's own analytical, interpretative or critical perspective. They must not exceed 6.000 words at 1.5 line spacing, with no more than 4 illustrative elements (tables and figures) and a maximum of 20 references. It is essential that the introduction presents a context of the problematic and the objective defines the scope of the writing. The thematic development should present the readers with an overall and updated view of the subject. The research proposal or hypothesis must develop a discourse of recognized bibliographic references (articles without references are not admissible). It is important that these pieces have suggestive and pertinent subtitles.



5. Review. They are based on a meticulous compilation of published or unpublished researches, diagnoses, reflections, cases of study and reports on a specific environmental matter, with the objective of presenting the progress and development trends of that specific topic. These articles have a detailed bibliographic review (at least 50 references) and must not exceed 6.000 words at 1.5 line spacing. These articles, besides justifying the needs covered by the review, describe the methodology for the search, collection, systematization and selection of the sources cited and found.

Registration

Registration and login are required to submit documents online and check their status. The following link is available for this purpose:

<https://revistas.unal.edu.co/index.php/gestion/user/register>

Submissions

The terms of submission for authors can be found at the following link:

<https://revistas.unal.edu.co/index.php/gestion/about/submissions#authorGuidelines>

Special requirement:

It will be the responsibility of the contact author of the article to communicate to the guest editor (PhD [C] Angie Tatiana Ortega Ramirez) by e-mail (angie.ortega@profesores.uamerica.edu.co) the confirmation of participation with a letter of nomination.

Editors

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FUNDACIÓN UNIVERSIDAD DE AMÉRICA

Note. For more details about the submission process, please do not hesitate to send your questions to the following e-mail: angie.ortega@profesores.uamerica.edu.co