Anuário do Instituto de Geociências

Universidade Federal do Rio de Janeiro https://revistas.ufrj.br/index.php/aigeo/

ISSN 0101-9759 e-ISSN 1982-3908



Presentation of Anuário do Instituto de Geociências, v. 44, 2021

Apresentação do Anuário do Instituto de Geociências, v. 44, 2021

Claudine Dereczynski @

Editor-in-chief

Federal University of Rio de Janeiro, Institute of Geosciences, Rio de Janeiro, RJ, Rrazil

e-mail: claudine@acd.ufrj.br

Instituto de Geociências (AIGEO) to our readers. From this volume on, several changes were implemented in the structure of the journal to meet the demand of the scientific community and the recommendation of recognized citation databases. We started publishing continually. As soon as an article is ready to be published, it is immediately released online rather than waiting for other articles in the issue to be completed. We adopted the English language as a standard for publication, aiming to reach a larger number of readers. We started using the Internationally Recognized Harvard style for AIGEO references. A modern layout for the articles was adopted, including the authors' ORCID (Open Researcher and Contributor ID). Also from this year on, a summary of each article is posted daily on social media: Instagram, Facebook and Twitter. In addition, we have activated the Digital Object Identifiers (DOIs) of the entire AIGEO collection, since volume 1 (1977), totaling 887 documents.

This volume 44, consisting in 115 scientific articles of excellent quality, demonstrates the growing importance of the journal, especially in the Geology area, but also in the Geography, Meteorology, Oceanography and Environmental Sciences areas. Research results developed mainly in Brazilian Federal and State Universities, but also in foreign Universities (Algeria, Argentina, Canada, Spain, France, Mozambique, and Uruguay) are published in the volume 44.

We would like to thank everyone who supported us in this new era of the Journal: Prof. Ismar de Souza Carvalho, for the guidance and suggestions and for sharing his experience of almost 20 years as Editor-in-Chief of AIGEO; to Prof. Edson Mello who, when assuming the Direction of IGEO, closely monitored our work and advised us on important decisions; finally to our most frequent reviewers for their dedication and collaboration.

To our readers, as always, we wish a pleasant and fruitful reading!



Volume 44 (2021):

EDITOR-IN-CHIEF

Dr. Claudine Dereczynski

Federal University of Rio de Janeiro, Brazil

ASSOCIATE EDITORS

Dr. Alessandro Lopes Aguiar

Federal University of Bahia, Brazil

Dr. Fernanda Cerqueira Vasconcellos

Federal University of Rio de Janeiro, Brazil

Dr. Gerson Cardoso da Silva Jr.

Federal University of Rio de Janeiro, Brazil

Dr. Gustavo Luiz Campos Pires

Federal University of Rio de Janeiro, Brazil

Dr. Gustavo Mota de Sousa

Federal Rural University of Rio de Janeiro, Brazil

Dr. Hermínio Ismael de Araújo-Júnior

Rio de Janeiro State University, Brazil

Dr. Joalice de Oliveira Mendonça

Federal University of Rio de Janeiro, Brazil

Dr. Leticia Cotrim da Cunha

Rio de Janeiro State University, Brazil

Dr. Márcio Fernandes Leão

Federal University of Viçosa, Brazil

Dr. Marcus Vinícius Alves de Carvalho

Fluminense Federal Universiy, Brazil

Dr. Patrick Führ Dal' Bó

Federal University of Rio de Janeiro, Brazil

Dr. Renata Libonati

Federal University of Rio de Janeiro, Brazil

Dr. Silvio Roberto Oliveira Filho

Fluminense Federal University, Brazil

EDITORIAL BOARD

Dr. Ana Russo

University of Lisbon, Portugal

PhD. Botao Zhou

Nanjing University of Information Science and Technology, China

PhD. Fedor Mesinger

Serbian Academy of Sciences and Arts, Sérvia

Dr. Ismar de Souza Carvalho

Federal University of Rio de Janeiro, Brazil

PhD. Kevin Hodges

University of Reading, United Kingdom

PhD. Klaus Hinsby

Geological Survey of Denmark and Greenland, Denmark

PhD. Ksenija Stojanovic

University of Belgrade, Serbia

PhD. Luis Vitor Duarte

University of Coimbra, Portugal

Dr. Maria Teresa Condesso de Melo

Instituto Superior Técnico de Lisboa, Portugal

PhD. Sergio Vicente-Serrano

Instituto Pirenaico de Ecología, Spain