

Editorial

Presentación of Anuário do Instituto de Geociências, v. 46, 2023

Apresentação do Anuário do Instituto de Geociências, v. 46, 2023

Claudine Dereczynski 

Editor-in-chief

Universidade Federal do Rio de Janeiro, Instituto de Geociências
Rio de Janeiro, RJ, Brazil
e-mail: claudine@acd.ufrj.br

With great satisfaction, we launched another volume of the Anuário do Instituto de Geociências, containing 56 excellent scientific articles in Geology, Geography, Meteorology, and other Environmental Sciences. Our authors are primarily professors, graduate and undergraduate students from public universities and research institutions. In addition, innovative articles written by researchers from Germany, Cameroon, Chile, United Arab Emirates, Indonesia, England, Iran, Luxembourg, Serbia, and Ukraine are also present in Volume 46 (Year 2023).

In January 2023, we submitted the Anuário do Instituto de Geociências to the SciELO - Brazil collection indexing process. In June, we were approved for the first phase of evaluation. Then, the journal was submitted to a scientific merit analysis by three specialists in our thematic area. Finally, on December 15, the inclusion of Anuário do Instituto de Geociências was preliminarily accepted during the SciELO 68th Advisory Committee Meeting. Also, in 2023 (12/01), we started submitting the Anuário do Instituto de Geociências to the Web of Science (WOS).

The Anuário do Instituto de Geociências submission to the Redalyc Scientific Information System – Network of Diamond Open Access Scientific Journals (<https://www.redalyc.org/>) was made in September 2021 and accepted in September 2022. In June 2023, we received the Redalyc indexing certificate.

Thanks to the financial support we received from the National Council for Scientific and Technological Development (CNPq) in 2021 and 2022 and from the Carlos Chagas Filho Foundation for Research Support of the State of Rio de Janeiro (FAPERJ) in 2022, we are managing to keep the journal free of charge.

We would like to thank everyone who supported us in this phase of the journal, especially CNPq and FAPERJ for their financial support. In addition, we want to thank immensely the incredible work that has been done by the invited reviewers, who greatly contribute to the fact that the Anuário do Instituto de Geociências continues to prosper.



We hope the articles published here will contribute to new and vital information in geosciences, reaching different interests.

As always, we wish our readers good and fruitful reading.

Volume 46 (2023):

EDITOR-IN-CHIEF

Dr. Claudine Pereira Dereczynski

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Meteorologia, Rio de Janeiro, RJ, e-mail: claudine.dereczynski@igeo.ufrj.br, <https://orcid.org/0000-0002-9394-1832>, <http://lattes.cnpq.br/1922510611908874>, Brazil.

ASSOCIATE EDITORS

Dr. Alessandro Lopes Aguiar

Universidade do Estado do Rio de Janeiro, Faculdade de Oceanografia, Laboratório de Oceanografia Química, Rio de Janeiro, RJ, e-mail: aguiar.oceano@gmail.com, <https://orcid.org/0000-0002-4643-6745>, <http://lattes.cnpq.br/9283763075551498>, Brazil.

Dr. Daniel Martinez

Universidad Nacional de Mar del Plata, Instituto de Geología de Costas y del Cuaternario and Instituto de Investigaciones Marinas y Costeras, Grupo Hidrogeología, Mar del Plata, Buenos Aires, e-mail: demarti@mdp.edu.ar, <https://orcid.org/0000-0002-7640-1754>, <https://www.mdp.edu.ar/igcc/autoridades/>, Argentina.

Dr. Fernanda Cerqueira Vasconcellos

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Meteorologia, Rio de Janeiro, RJ, e-mail: fernandavasconcellos@igeo.ufrj.br, <https://orcid.org/0000-0002-5931-1503>, <http://lattes.cnpq.br/8171181328629852>, Brazil.

Dr. Gerson Cardoso da Silva Jr.

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Geologia, Rio de Janeiro, RJ, e-mail: gerson@acd.ufrj.br, <http://lattes.cnpq.br/4103236636522942>, <https://orcid.org/0000-0002-7160-0893>, Brazil.

Dr. Gustavo Luiz Campos Pires

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Geologia, Rio de Janeiro, RJ, e-mail: g.pires@geologia.ufrj.br, <https://orcid.org/0000-0001-8127-5193> <http://lattes.cnpq.br/6024423729802120>, Brazil.

Dr. Gustavo Mota de Sousa

Universidade Federal Rural do Rio de Janeiro, Instituto de Geociências, Departamento de Geografia, Seropédica, RJ, e-mail: gustavoms@ufrj.br, <https://orcid.org/0000-0002-5932-8153>, <http://lattes.cnpq.br/3554715201484937>, Brazil.

Dr. Hermínio Ismael de Araújo-Júnior

Universidade do Estado do Rio de Janeiro, Faculdade de Geologia, Departamento de Estratigrafia e Paleontologia, Rio de Janeiro, RJ, e-mail: herminio.ismael@yahoo.com.br, <https://orcid.org/0000-0003-4371-0611>, <http://lattes.cnpq.br/3215361633678938>, Brazil.

Dr. Ismar de Souza Carvalho

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Geologia, Rio de Janeiro, RJ, e-mail: ismar@geologia.ufrj.br, <https://orcid.org/0000-0002-1811-0588>, <http://lattes.cnpq.br/2138654072839905>, Brazil.

PhD. Izidine Pinto

The Royal Netherlands Meteorological Institute (KNMI), Research and Development Weather and Climate Models, De Bilt, e-mail: izidindep@gmail.com, <https://orcid.org/0000-0002-9919-4559>, Netherlands.

Dr. Jader de Oliveira Santos

Universidade Federal do Ceará, Centro de Ciências, Departamento de Geografia, Fortaleza, CE, e-mail: jadersantos@gmail.com, <https://orcid.org/0000-0003-2977-7086>, <http://lattes.cnpq.br/0356125933191024>, Brazil.

Dr. Joalice de Oliveira Mendonça

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Geologia, Rio de Janeiro, RJ, e-mail: joalice@lafo.geologia.ufrj.br, <https://orcid.org/0000-0002-0895-1148>, <http://lattes.cnpq.br/7467196216644593>, Brazil.

Dr. Letícia Cotrim da Cunha

Universidade do Estado do Rio de Janeiro, Faculdade de Oceanografia, Laboratório de Oceanografia Química, Rio de Janeiro, RJ, e-mail: lcotrim@uerj.br, <https://orcid.org/0000-0001-8035-1430>, <http://lattes.cnpq.br/0415198949492913>, Brazil.

Dr. Luís Augusto Koenig Veiga

Universidade Federal do Paraná, Setor de Ciências da Terra, Departamento de Geomática, Curitiba, PR, e-mail: knveiga@ufpr.br, <https://orcid.org/0000-0003-4026-5372>, <http://lattes.cnpq.br/8051046375245837>, Brazil.

Dr. Márcio Fernandes Leão

Universidade Federal de Viçosa, Departamento de Engenharia Civil, Viçosa, MG, e-mail: marciotriton@hotmail.com, <https://orcid.org/0000-0002-0771-0617>, <http://lattes.cnpq.br/1863804528986291>, Brazil.

Dr. Marcus Vinícius Alves de Carvalho

Universidade Federal Fluminense, Instituto de Geociências, Departamento de Análise Geoambiental, Niterói, RJ, e-mail: marcus_carvalho@id.uff.br, <https://orcid.org/0000-0002-3205-5968>, <http://lattes.cnpq.br/7850489049177380>, Brazil.

Dr. Margarida Liberato

Universidade de Trás-os-Montes e Alto Douro, Instituto Dom Luiz, Escola de Ciências e Tecnologia, Vila Real, e-mail: mlr@utad.pt, <https://orcid.org/0000-0002-6677-9366>, <http://idl.campus.ciencias.ulisboa.pt/idlmember/margarida-l-r-liberato/>, Portugal.

PhD. Martim Moulton

Flinders University, Adelaide, e-mail: martimabm@id.uff.br, <https://orcid.org/0000-0003-0403-3769>, <http://lattes.cnpq.br/8422221279985841>, Australia.

Dr. Marisol Manzano

Universidad Politécnica de Cartagena, Escuela Técnica Superior de Ingeniería de Caminos, Canales y Puertos de Ingeniería de Minas, Departamento de Ingeniería Mineral y Civil, Cartagena, Región de Murcia, e-mail: marisol.manzano@upct.es, <https://orcid.org/0000-0001-9732-6549>, <https://personas.upct.es/en/profile/marisol.manzano>, Spain.

Dr. Renata Libonati

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Meteorologia, Rio de Janeiro, RJ, e-mail: renata.libonati@igeo.ufrj.br, <https://orcid.org/0000-0001-7570-1993>, <http://lattes.cnpq.br/8713173968634129>, Brazil.

Dr. Sandra Mara Alves da Silva Neves

Universidade do Estado do Mato Grosso, Faculdade de Ciências Humanas, Curso de Geografia, Cáceres, MT, e-mail: ssneves@unemat.br, <https://orcid.org/0000-0002-2065-244X>, <http://lattes.cnpq.br/6430066425008976>, Brazil.

Dr. Silvio Roberto Oliveira Filho

Universidade Federal Fluminense, Instituto de Geociências, Departamento de Geologia, Dinâmica dos Oceanos e da Terra, Niterói, RJ, e-mail: silviooliveira@id.uff.br <https://orcid.org/0000-0001-8923-285X>, <http://lattes.cnpq.br/5104744602282319>, Brazil.

EDITORIAL BOARD**Dr. Ana Russo**

Universidade de Lisboa, Instituto Dom Luiz, Faculdade de Ciências, Lisboa, e-mail: acrusso@fc.ul.pt, <https://orcid.org/0000-0003-0042-2441>, <http://idl.campus.ciencias.ulisboa.pt/idlmember/ana-cristina-machado-russo/>, Portugal.

PhD. Botao Zhou

Nanjing University of Information Science and Technology, School of Atmospheric Sciences, Nanjing, e-mail: zhoubt@nuist.edu.cn, <https://orcid.org/0000-0002-5995-2378> https://faculty.nuist.edu.cn/zhoubotao/zh_CN/index.htm, China.

PhD. Fedor Mesinger

Serbian Academy of Sciences and Arts, Institute of Technical Sciences, Department of Mathematics, Belgrade, e-mail: fedor.mesinger@gmail.com, <https://orcid.org/0000-0002-8667-9012>, <https://www.sanu.ac.rs/en/member/mesinger-fedor/>, Serbia.

Dr. Ismar de Souza Carvalho

Universidade Federal do Rio de Janeiro, Instituto de Geociências, Departamento de Geologia, Rio de Janeiro, RJ, e-mail: ismar@geologia.ufrj.br, <https://orcid.org/0000-0002-1811-0588>, <http://lattes.cnpq.br/2138654072839905>, Brazil.

PhD. Kevin Hodges

University of Reading, School of Mathematical, Physical and Computational Sciences, Department of Meteorology, Reading, e-mail: k.i.hodges@reading.ac.uk, <https://orcid.org/0000-0003-0894-229X>, <https://research.reading.ac.uk/meteorology/people/kevin-hodges/>, United Kingdom.

PhD. Klaus Hinsby

Geological Survey of Denmark and Greenland, Copenhagen, e-mail: khi@geus.dk, <https://orcid.org/0000-0003-1190-4550>, <https://geus.academia.edu/KlausHinsby>, Denmark.

PhD. Ksenija Stojanovic

University of Belgrade, Faculty of Chemistry, Belgrade, e-mail: ksenija@chem.bg.ac.rs, <https://orcid.org/0000-0002-5566-2648>, <https://www.chem.bg.ac.rs/osoblje/44-en.html>, Serbia.

PhD. Luis Vitor Duarte

Universidade de Coimbra, Centro de Ciências do Mar e da Terra, Departamento de Ciências da Terra, Coimbra, e-mail: lduarte@dct.uc.pt, <https://orcid.org/0000-0001-5820-3669>, <https://www.uc.pt/fctuc/dct/departamento/pessoas/corpo-docente/>, Portugal.

Dr. Maria Teresa Condesso de Melo

Universidade de Lisboa, Instituto Superior Técnico, Lisboa, e-mail: teresa.melo@tecnico.ulisboa.pt, <https://orcid.org/0000-0001-5665-6744>, https://www.site.ceris.pt/?action=employee_detail_modal_new&CodColaborador=1997, Portugal.

PhD. Sergio M. Vicente-Serrano

Instituto Pirenaico de Ecología, Consejo Superior de Investigaciones Científicas, Aragón, Zaragoza, e-mail: svicen@ipe.csic.es, <https://orcid.org/0000-0003-2892-518X>, Spain.