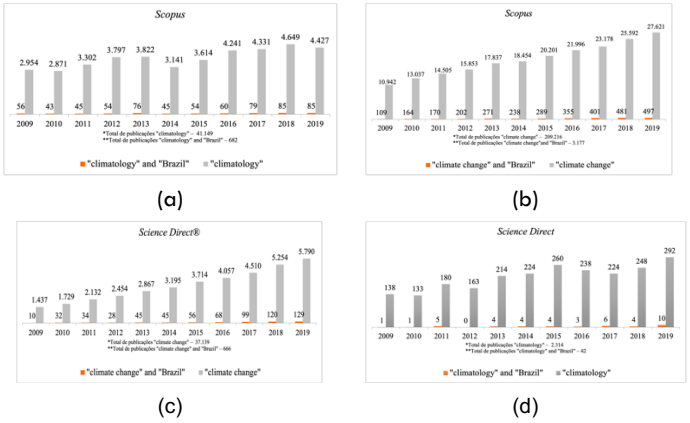
Climatology and climate change: Evaluation of Bibliographic Production in the period from 2009 to 2019

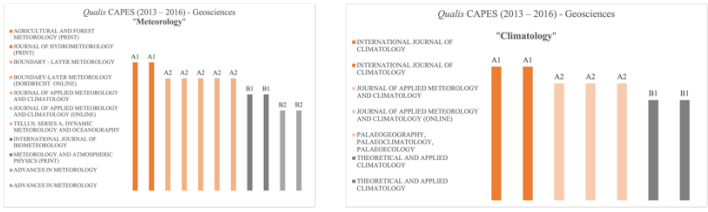
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Abstract

This work presents the results (fig. 1) of an investigation carried out on bibliographic production from 2009 to 2019 in the thematic areas of climatology and climate change, available on the CAPES Journal Portal (Brazil). Searches were carried out in the indexing databases of journals (Science Direct – Elsevier, Scopus and SciELO). In the Scopus indexing database, 85.6% of the total publications found in the three indexing databases of researched journals are found. There is a prominent period (2016 to 2019) that shows a substantial increase in publications in these areas of study, in particular for the theme of climate change, studies of great relevance for the diagnosis and coping with the consequences of natural disasters, in particular in communities that are in a situation of socioeconomic vulnerability. Publications of articles in Brazilian journals dominate the publications in the SciELO indexing base, corresponding to 87.4% of the publications found, with a predominance on the theme of climate change and highlighting the period from 2014 to 2019, in general, they are the result of interdisciplinary studies which bring reflections on issues related to related areas (agrarian sciences, biological sciences, applied social sciences, human sciences, health sciences and engineering). In addition, it was observed that 67% of international journals that aggregate publications on these themes are classified in the extract of excellence (A) of Qualis CAPES and that national journals that are indexed in SciELO are classified from extract B of this journal classification system (2013-2016).



(a) (b) (c) (d)



(e) (f)

Figure 1: Results of research on the CAPES Journal Portal (Brazil) in 2020 (2013 – 2016 event): a) and b) Scopus; c) and d) Science Direct. e) and f) Classification of journals in Qualis CAPES (Brazil).

Recent Publications

1. Silva, Emerson Mariano da et al. Knowledge about Earthquakes and Climate Change as a Pedagogical Proposal: Case Study in a Public School in Fortaleza/CE. Brazilian journal of meteorology [online]. 2021, v. 36, n. 3 suppl. 529-537.
2. Silva, Emerson Mariano da et al. Teaching Meteorology and Climatology in the Continuing Education of the Civil Defense and Protection Agent: Case Study in the Semi-Arid Region of Northeast Brazil. Brazilian journal of meteorology [online]. 2021, v. 36, n. 3 suppl. 661-666.
3. Silva, Emerson Mariano da et al. Records of Vegetation Fires and Rainfall Climatology in the State of Ceará: Case Study from 2015 to 2019. Brazilian journal of meteorology [online]. 2021, v. 36, n. 3 suppl. 571-577.
4. Silva, Emerson Mariano da. Professional Master in Climatology and Applications in CPLP Countries and Africa. Brazilian journal of meteorology [online]. 2020, v. 35, n. 3. Editorial.
5. Silva, Emerson Mariano da et al. The Importance of Teaching Climatology in Civil Defense Actions in Regions of Socioeconomic Vulnerability of Fortaleza/CE. Brazilian journal of meteorology [online]. 2019, v. 34, n. 369-378.



Biography

Emerson Mariano da Silva is Associate Professor of the Physics Course at the State University of Ceará (UECE). Graduated and master's in meteorology (UFPB, 1999 and 2001) and PhD in Water Resources and Climatology of the Northeast the Brazil (UFC, 2007). Currently, Coordinator of the Professional Master's Degree in Climatology and Applications in CPLP Countries and Africa and Associate Editor of the Brazilian Journal of Meteorology.

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Notes/Comments:

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