Communication and Sustainable Development Goals (SDG) in Scientific Journals

Dra. Juliana de Oliveira Vicentini¹, Dra. Odaléia Telles Marcondes Machado Queiroz²

¹,²University of Sao Paulo, Brazil

Abstract

Communication in the environmental context informs, warns, monitors, involves stakeholders, educates, strengthens movements and raises awareness. It is a strategic area for sustainability. In 2015, the United Nations (UN) created the 2030 Agenda composed by 17 Sustainable Development Goals (SDGs) that aim to implement public policies to protect the environment and ensure social equity. The objective is to carry out a systematic review on communication and SDGs in scientific articles. Data collection occurred on the Web of Science Core Collection platform, between January 2015 and July 2023. The research is based on bibliometric analysis and uses VOSViewer. There are 24 articles on the topic. The publications are concentrated in the 2021 and 2023. Nine articles mentioned the SDGs in a generalized way. In publications with specific SDGs, the most discussed were: SDG 9 Industry, Innovation and Infrastructure; SDG 4 Quality Education; SDG 13 Climate Action; SDG 5 Gender Quality. The most recurring themes were Information, Communication and Technologies (ICT), Corporate Social Responsibility (CSR) and Community Engagement. The keywords most used by the authors were SDGs, ICT, social media, sustainability reports and stakeholder engagement. Research is concentrated in Spain, Italy, Australia and Pakistan. The journal with the most publications is Sustainability. There are no researchers involved in more than one publication. Academic production on the selected issue is still timid and does not cover all SDGs. It is important that this gap is filled by science, so that communication is incorporated effectively to achieve the UN’s goals.

Keywords: articles, bibliometric analysis, environment, information, Web of Science