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Evolution and Progress of Agroecology from 2005 to 2020 in Various Countries Based on the Information Registered in the Digital Media

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Abstract

This study analyses the advances in Agroecology that have been made during the last fifteen years in various countries. To carry out the study, information available in the digital media is compiled. The analysis is carried out through semantic network analysis techniques that allow the identification of various attributes such as the country, the province, the city, the organisation, in which research, projects or agroecological initiatives are being carried out. The analysis will be carried out in two of the most widely spoken languages worldwide, English and Spanish, and searches will be carried out in the Google search engine in several countries. The results obtained allow us to know the temporal evolution that this science is having and, on the other hand, it allows us to identify related concepts such as the rural environment, organic agriculture, food, environmental protection, climate change, etc. However, Agroecology often conflicts with other agrarian approaches to intensive food production and with economic growth. Currently, international organisations such as FAO recognise the importance of reconversion towards more agro-ecological models and in some countries, they already appear within their agricultural policies. The analysis allows a better understanding of the progress that rural areas, agriculture and / or livestock are undergoing livestock are undergoing through the ecological and socioeconomic perspective of Agroecology. The study will serve to know the situation of Agroecology up to now and thus be able to plan or manage new projects based on the knowledge collected on the attributes described above and the analysis of semantic networks between related concepts.

Keywords: Agroecology, digital media, semantic networks analysis