

THE ENERGY DYNAMICS OF DECENTRALIZATION FROM 2004 TO 2020

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Abstract

The purpose of this research article is to find out the dynamics of decentralization from 2004 to 2020. Using research data archiving on SCOPUS sources, with a focus on decentralization. The results of this study found that the dynamics of decentralization in the perspective of research from 2004 to 2020 showed increasing numbers, with the use of 16 languages used in the document. The implication of this research increase is the increase in the type of document in the type of publication. Recommendations in this decentralized research require further research in the relationship to the regions in a country.

Keywords : Decentralization, Dynamics and Energy

A. INTRODUCTION

In the latest government system, the centralization system or regional autonomy which gives a part of the authority that had to be decided on the central government no longer applies to the central government can now be decided at the regional government or regional government level. The advantage of this system is that most decisions and policies in the regions can be decided in the regions without interference from the central government. But the drawback of the decentralized system of special autonomy for the regions is excessive euphoria in which this authority only enhances the interests of groups and groups and is used to rake in personal or individual profits. This happens because it is difficult to be controlled by the government at the central level.

Decentralization in the field of government is the delegation of authority from the Central Government to the governmental organizational units in the region to carry out all the local interests of a group of residents who inhabit the area. (Rothenberg, 2017) is the transfer of legal power to be able to handle certain fields or functions to an autonomous region. (Gropello, 1999) is the creation or strengthening of financial and legal aspects of subnational government units whose implementation is substantially outside the direct control of the central government. (Rondinelli, 1983) is the transfer of planning, decision-making, or administrative authority from the central government to a regional organization, regional administrative unit, semi-autonomous organization, regional government, or non-governmental organization or non-governmental organization.

The purpose of decentralization, namely (1). Prevent financial centralization, (2) as an effort to democratize local governments to include those responsible for government administration. (3) Preparation of programs for socio-economic improvement at the local level so that they can be more realistic. The purpose of decentralization or its essence is how to deal with the challenges of government systems in dealing with failures and system problems that are considered not ideal in absolute power. So in this study, deepening to know the dynamics of decentralization.

B. METHODOLOGY AND DATA SOURCES

In May 2020, a search was carried out with the Scopus online literature database to identify publications with the following search strategy: "decentralized" TOPIC. This strategy looks for related papers that contain words in the title, abstract, or keywords. The data used is archiving research data on Scopus, with 2000 journal data. thus limiting the number of years, the type of document, the language most widely used in research, the most widely used type of access, and the most researchers' documents in the dynamics of decentralization.

C. GENERAL RESULT

Scopus has published 2000 documents as of May 10, 2020, considering 1398 articles, 229 conference papers, 130 book chapters, 126 reviews, 4 conference reviews, and 5 notes. Figure 1 shows the types of documents that have been issued by Scopus regarding decentralization since 2004.

Figure 1 Types of Documents in the topic of decentralization

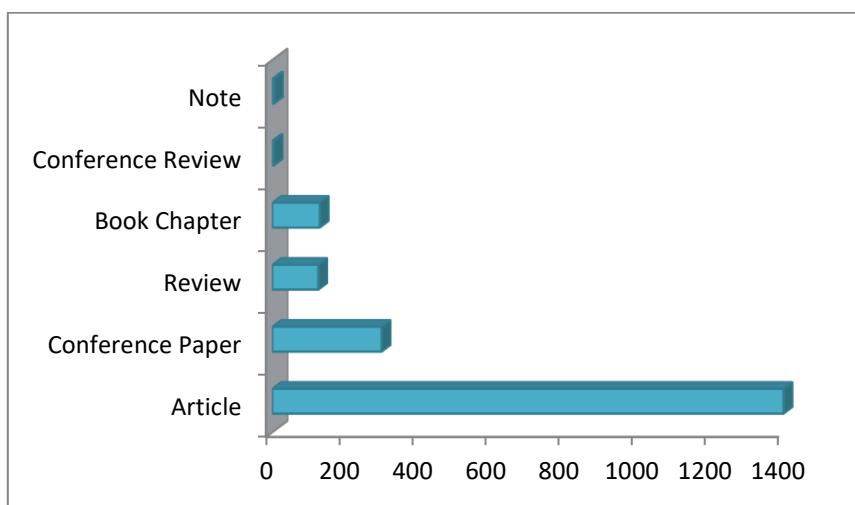


Figure 2 illustrates the evolution of various types of documents during the period 2004-2020. The graph shows that the number of documents issued annually has increased since 2015 with a total of 270 documents. Research on decentralization is increasingly interesting, evidenced by the number of documents that are almost doubling each year, and journal articles contribute the most to growth.

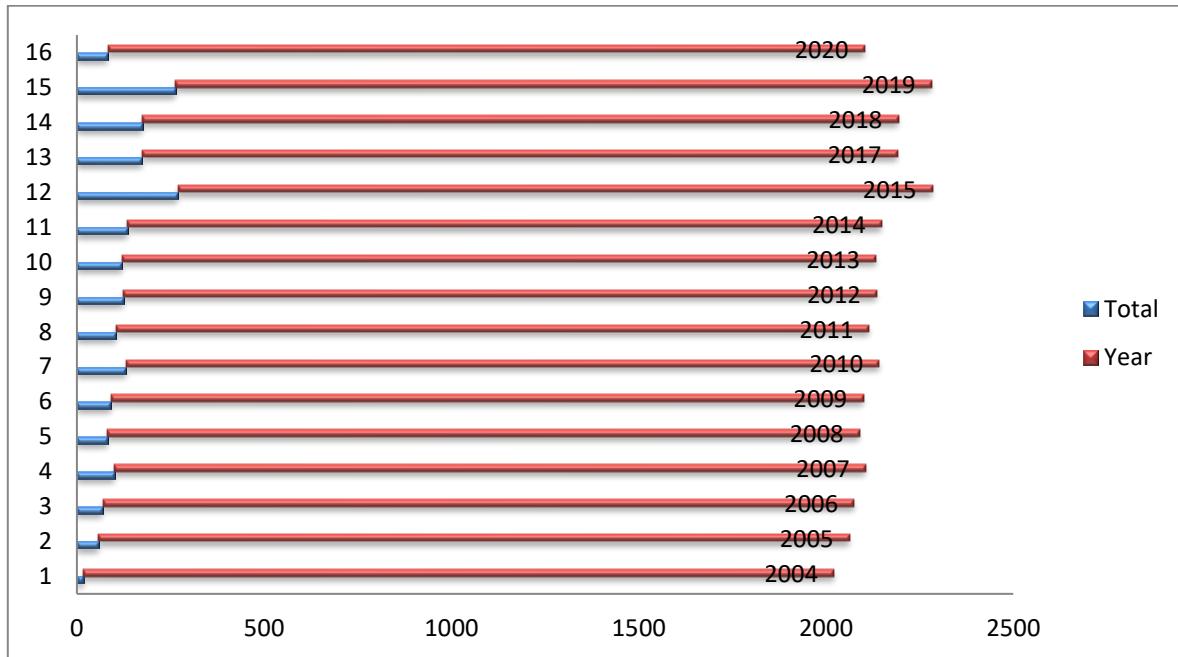


Figure 3 shows the most documents at publication in 2004 to 2020 are Zhang, y with 25 documents with 11 total link strength, li, y 20 documents with 17 total link strength, li, y 20 documents with 12 total link strength, Liau, j 16 documents with 14 total link strength, money, y 12 documents with 13 total link strength, and huang, y 12 with 8 total link strength.

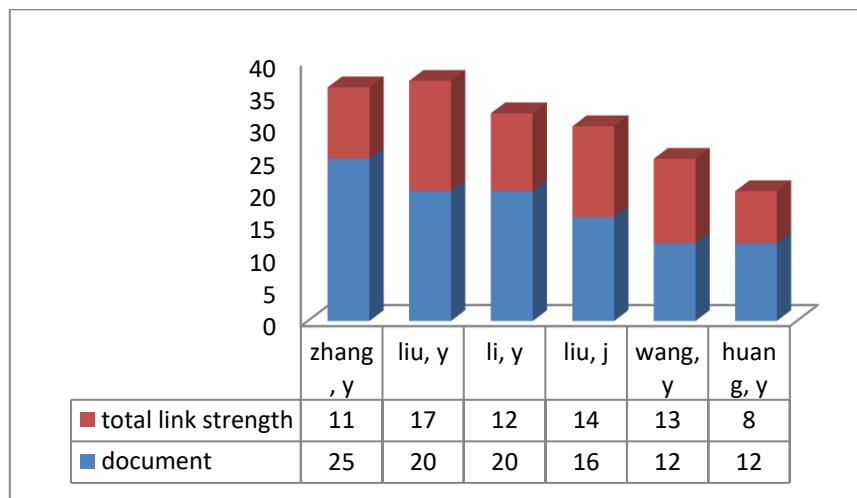


Figure 4 shows the Access Type in 2000 documents published by Scopus with the topic of decentralization is Open Access 18% or 449 documents. With Scopus sources a total of 2000 documents.

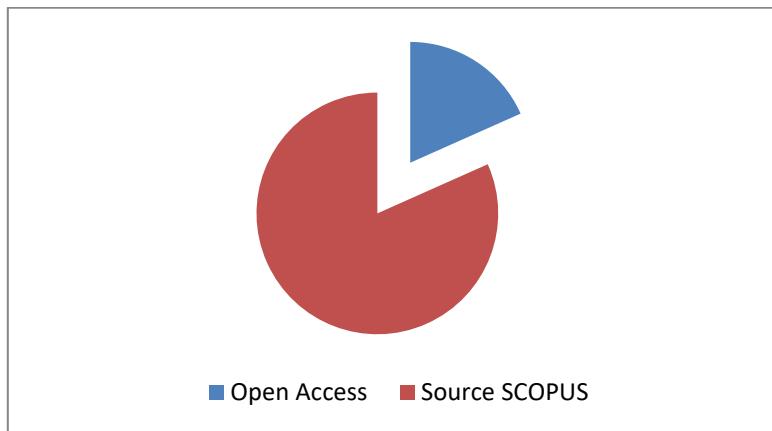
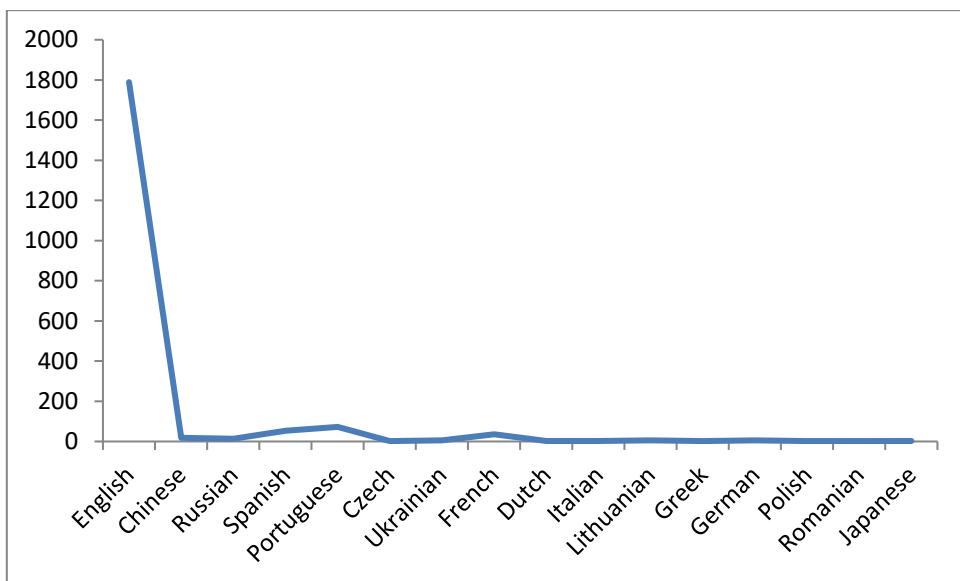


Figure 5 shows the languages most widely used in 2000 documents from 2004 to 2020 with 1789 English documents, 73 Portuguese documents, 54 Spanish documents, and 36 French documents.



D. CONCLUSION

The results of this study are in Figure 1 explaining the Types of Documents in the topic of decentralization which are Article, Conference Paper, Review, Book Chapter, Conference Review, and Note. Then in Figure 2 explains the total publication of documents published on Scopus from 2004 to 2020. The picture describes the author with the most documents. Figure 4 is a description of the sources and open access published. And Figure 5 explains the language most widely used in document publications. The implication of this research is that we can measure and map literature on publications on the topic of decentralization. The researcher recommends further research on the topic of decentralization in all countries.

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