

Output of Marine Biology Research Publication on Science Citation Index Database from 1999-2017- A Scientometric Analysis

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This study explores to identify the research growth on marine biology publications from the period of 1999-2017. Data was collected from the Science Citation Index (SCI-Expanded), Web of Science (WoS). The WoS is the search platform provided by Thomson Reuters. The distribution of publications based on the year of publication, country, language, and document type were studied. The relative growth rate of the publications and doubling time is calculated. This study focused on the bibliometric analysis of research publications in Marine Biology. Data was collected from the Science Citation Index (SCI-Expanded), Web of Science (WoS). The WoS is the search platform provided by Thomson Reuters (the former Thomson Scientific emerged from the Institute for Scientific Information (ISI), Philadelphia). SCI database is one of the very comprehensive databases covering all aspects of science. The records were analyzed using the web of science website application as per the objectives of the study. Microsoft Excel software was also used to analyze the data. A total of 4,290 records were identified and downloaded in the field of Marine Biology worldwide during the period 1999- 2017. The records were analyzed using the web of science website application as per the objectives of the study. Microsoft Excel software was also used to analyze the data. The research output shows a continuous increase during the period of study which reveals that the Marine Biology Research was in steady growth. Most of the publications are published in Journals shows that authors are interested in publishing Journal articles. Most of the researches are done in the English language. The United States of America published more articles in Marine Biology. Most of the favorite research area was Marine Fresh Water Biology. Growth rate and Double time analysis also shows that the higher growth trend in this particular period of study. These findings of the Scientometric study on Marine Biology will be helpful for the Marine Biologists for further research in these areas.

Keywords: Citation analysis, Bibliometrics, Research evaluation, Web of science.