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# SCHOLARLY PUBLICATIONS ON ECOCRITICISM: A STUDY THROUGH THE WEB OF SCIENCE

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## **Abstract:**

Environmental-related studies have been entirely essential in the current range of human civilizations. The relationship between the environment and literature is uniform. Various environmental issues and literature have revealed different aspects. One such significant aspect is ecocriticism. Ecocriticism is the study of representations of nature in literary works and the relationship between literature and the environment. As a separate movement or school of literary criticism, ecocriticism started developing in the 1990s. There is a close relation between ecocriticism and literature. It is an interdisciplinary study of Ecology and Literary Criticism, which is unusual due to natural science and humanistic discipline.

These studies tried to find out the different publications related aspects of Ecocriticism through the Web of Science.

**Keywords:** Research Publication, Web of Science, Ecocriticism, Keywords

## **Introduction:**

The range of environmental studies has increased. It has come in its way in a way belonging to science literature. One of the partners in the range of such studies is ecocriticism. 'The word 'ecocriticism' first looked in William Ruecker's essay "Literature and Ecology: An Experiment in Ecocriticism" in 1978. However, it was only in the 1990s that ecocriticism emerged as a separate discipline, although it is a fact that the relationship between man and his physical environment had always been fascinating to literary critics. The interest is at the scientific level, as well as various forms of literary expressions. Human beings have a natural quest to find their 'roots' and be a part of the natural environment that they belong to. However, at the same time, they have overexploited natural resources and exploited nature to its fullest. This study mainly tried to reflect the research publications in the domain of ecocriticism.

## **The objectives of the Study:**

- To find out the year-wise research publications on ecocriticism.
- To find out different types of documents in the fields of ecocriticism.
- To find out the most productive institutions in the fields of ecocriticism.
- To select the most prolific authors in the fields of ecocriticism.
- To find out the most productive countries and languages on ecocriticism.

**Methodology:**

To collect the data for this study used the Web of Science database. Used 'Ecocriticism' as a search term and found 654 results. Collected data were analyzed accordingly.

**Scope and Limitations of the Study:**

This study only covers the Web of Science database.

**Data Analysis and Interpretation:****Year-wise Productivity:**

From the table-1, reflects the year-wise productivity in ecocriticism; the years 2017 and 2019 are the most productive.

**Table-1: Year-wise productivity**

<b>Publication Years</b>	<b>Records</b>	<b>% of 654</b>
2020	32	4.893
2019	60	9.174
2018	70	10.703
2017	67	10.245
2016	44	6.728
2015	48	7.339
2014	51	7.798
2013	49	7.492
2012	44	6.728
2011	30	4.587
2010	36	5.505
2009	29	4.434
2008	19	2.905
2007	12	1.835
2006	11	1.682
2005	10	1.529
2004	9	1.376
2003	5	0.765
2002	5	0.765
2001	7	1.070
2000	3	0.459
1999	6	0.917
1997	3	0.459
1996	3	0.459
1992	1	0.153

### Types of Publications:

Table- 2 shows the different types of research publications on the ecocriticism domain, Articles 477 (72.93%), Book Review 117 (17.89%), Editorial material 35(5.35%), Review 19 (2.9%), Proceedings Paper 7 (1.07%), Early access 3(0.45%), Letter 3(0.45%), Bibliography 2 (0.3%), Book Chapter 1(0.15%), Correction 1 (0.15%)

**Table- 2: Types of Publications**

Document Types	Records	% of 654
Article	477	72.936
Book Review	117	17.890
Editorial Material	35	5.352
Review	19	2.905
Proceedings Paper	7	1.070
Early Access	3	0.459
Letter	3	0.459
Bibliography	2	0.306
Book Chapter	1	0.153
Correction	1	0.153

### Top Ten Organisations:

Table -3 shows the top ten organizations, which have a massive impact on the research productivity of ecocriticism. The most prolific organization are Sungkyunkwan University Skku 18 (2.752%), University of California System 12 (1.83%), Shanghai Normal University 11(1.68%), University of Oregon 10 (1.52%), Hacettepe University 7 (1.07%), Nevada System of Higher Education 7 (1.07%), State University System of Florida 7(1.07%), University of Nevada Reno 7(1.07%), University System of Maryland 7 (1.07%), Columbia University 6 (0.91%).

**Table-3: Top Ten Organizations**

Organizations-Enhanced	Records	% of 654
Sungkyunkwan University Skku	18	2.752
University of California System	12	1.835
Shanghai Normal University	11	1.682
University of Oregon	10	1.529
Hacettepe University	7	1.070
Nevada System Of Higher Education	7	1.070
State University System of Florida	7	1.070
University of Nevada Reno	7	1.070
University System of Maryland	7	1.070
Columbia University	6	0.917

### Top Ten Journals:

Table-4 shows the top ten journals in the fields of ecocriticism, ISLE Interdisciplinary Studies in Literature and Environment 59 (9.02%), Foreign Literature Studies 22 (3.36%), CLCWEB Comparative Literature and Culture 18 (2.75%), NEOHELICON 17 (2.59%), Anglia Zeitschrift Fur Englische Philologie 16 (2.44%), Teksty Drugie 16 (2.44%), Ariel A Review of International English Literature 13(1.98%), Journal of Commonwealth Literature 10(1.52%),

**Table-4: Top ten Journals**

Source Titles	Records	% of 654
ISLE INTERDISCIPLINARY STUDIES IN LITERATURE AND ENVIRONMENT	59	9.021
FOREIGN LITERATURE STUDIES	22	3.364
CLCWEB COMPARATIVE LITERATURE AND CULTURE	18	2.752
NEOHELICON	17	2.599
ANGLIA ZEITSCHRIFT FUR ENGLISCHE PHILOLOGIE	16	2.446
TEKSTY DRUGIE	16	2.446
ARIEL A REVIEW OF INTERNATIONAL ENGLISH LITERATURE	13	1.988
JOURNAL OF COMMONWEALTH LITERATURE	10	1.529
JOURNAL OF POSTCOLONIAL WRITING	10	1.529
AMERICAN LITERATURE	9	1.376

### Top Ten Prolific Author:

Table-5 shows the top ten most prolific authors in the fields of Ecocriticism, from the no of publications. Estok SC 24 (3.67%), Iovino S 8 (1.223%), Oppermann S 7(1.07%), Hesis UK 6(0.91%), Meyer S 6 (0.91%), Garrard G 4(0.61%), Gonzalez MO 4 (0.61%), Griffiths D 4(0.61%), Love GA 4(0.61%), Phillips D 4(0.61%)

**Table-5: Top ten Prolific Author**

Authors	Records	% of 654
ESTOK SC	24	3.670
IOVINO S	8	1.223
OPPERMANN S	7	1.070
HEISE UK	6	0.917
MEYER S	6	0.917
GARRARD G	4	0.612
GONZALEZ MO	4	0.612
GRIFFITHS D	4	0.612
LOVE GA	4	0.612
PHILLIPS D	4	0.612

### Top Ten Countries:

Table-6 shows the top ten productive countries in ecocriticism, the USA is the top productive country with 272 (41.59%) publications. Other countries are England 66 (10.09%), China 41 (6.26%), Canada 29(4.43%), South Korea 23(3.51%), South Africa 20(3.05%), Poland 19 (2.9%), Taiwan 15 (2.29%), Australia 14(2.14%), Germany 14 (2.14%)

**Table-6: Top ten Countries**

<b>Countries/Regions</b>	<b>Records</b>	<b>% of 654</b>
USA	272	41.590
ENGLAND	66	10.092
PEOPLES R CHINA	41	6.269
CANADA	29	4.434
SOUTH KOREA	23	3.517
SOUTH AFRICA	20	3.058
POLAND	19	2.905
TAIWAN	15	2.294
AUSTRALIA	14	2.141
GERMANY	14	2.141

### Language-wise Distributions of Publications:

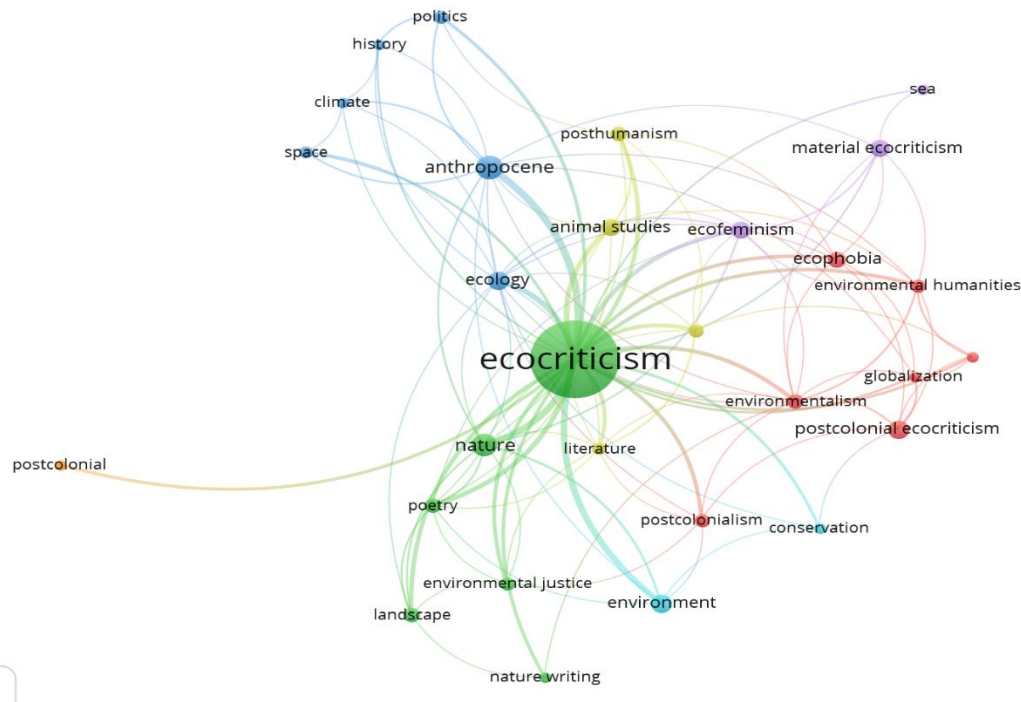
Table-7 shows the language wise distributions of research publications in the fields of ecocriticism, in English 580 (88.68%), Polish 20 (3.05%), Spanish 17 (2.59%), Chinese 12 (1.83%), Afrikaans 9 (1.37%), French 7 (1.07%), German 4(0.61%), Portuguese 2 (0.3%), Croatian 1 (0.15%)

**Table-7: Language-wise Distributions of Publications**

<b>Languages</b>	<b>Records</b>	<b>% of 654</b>
English	580	88.685
Polish	20	3.058
Spanish	17	2.599
Chinese	12	1.835
Afrikaans	9	1.376
French	7	1.070
German	4	0.612
Portuguese	2	0.306
Croatian	1	0.153
Russian	1	0.153

## Distribution of Author Keywords Ecocriticism Research:

The following figure shows the distribution of keywords on ecocriticism research. The visualization done by using VOSviewer.



**Fig-1: Distribution of Keywords on Ecocriticism Research Publication**

## Conclusions:

The study reflects a scenario on research publications on ecocriticism through the prism of the Web of Science. The year 2018 and 2019 is the most productive year for the ecocriticism. The research contribution is maximum in the form of articles. Sungkyunkwan University is the most productive institution in this domain. ISLE INTERDISCIPLINARY STUDIES IN LITERATURE AND ENVIRONMENT is a significant journal of ecocriticism. ESTOK SC is the most prolific contributor, and the USA is the top country for ecocriticism studies. English is a significant language for research productivity. These studies create an outline of scholarly productivity on ecocriticism. It is a possibility for scientometrics studies on ecocriticism using different scholarly databases.

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