

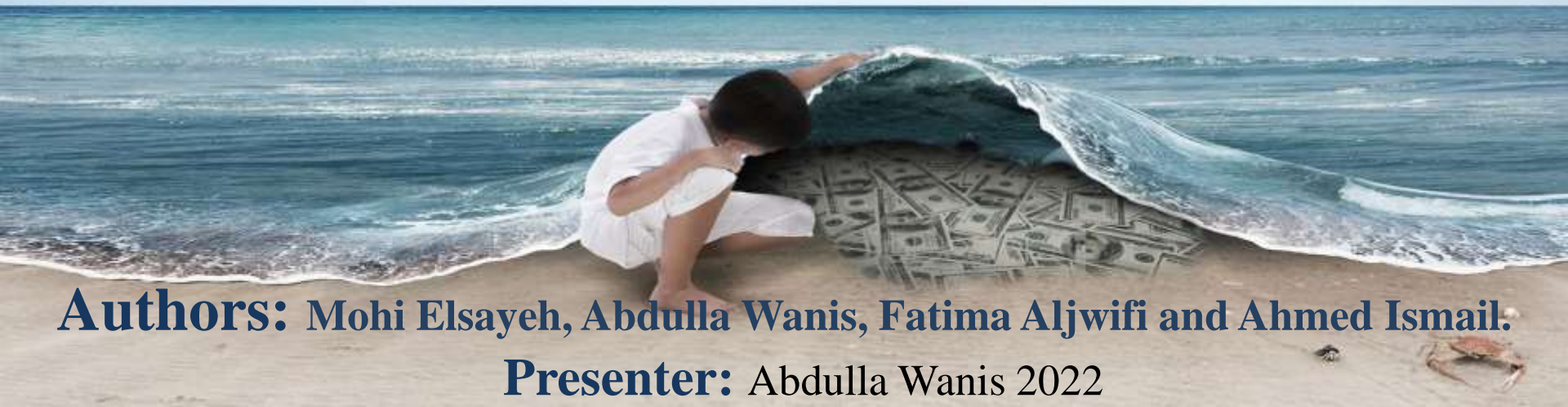


Arab Academy
for Science Technology & Maritime Transport

The International Maritime
Transport and Logistics Conference
“Marlog 11”



SEA-Based Economy: Review of Research Agenda within the Blue Economy Concept



Authors: Mohi Elsayeh, Abdulla Wanis, Fatima Aljwifi and Ahmed Ismail.

Presenter: Abdulla Wanis 2022

Presentation outline

- **Research question and keywords**
- **Introduction**
- **Methodology**
- **Study Results and discussion**
- **Study limits and areas for further work**

Research question and keywords

Research Question

What are the disciplines provided by researchers on the global blue economy
?agenda

Key words

Blue Economy, Ocean Economy, Fishing, Shipping and Ports and Marine
.Environment



Introduction

The Blue Economy concept is a fresh and the new frontier of countries renaissance. It is an .economic development and environmental strategy

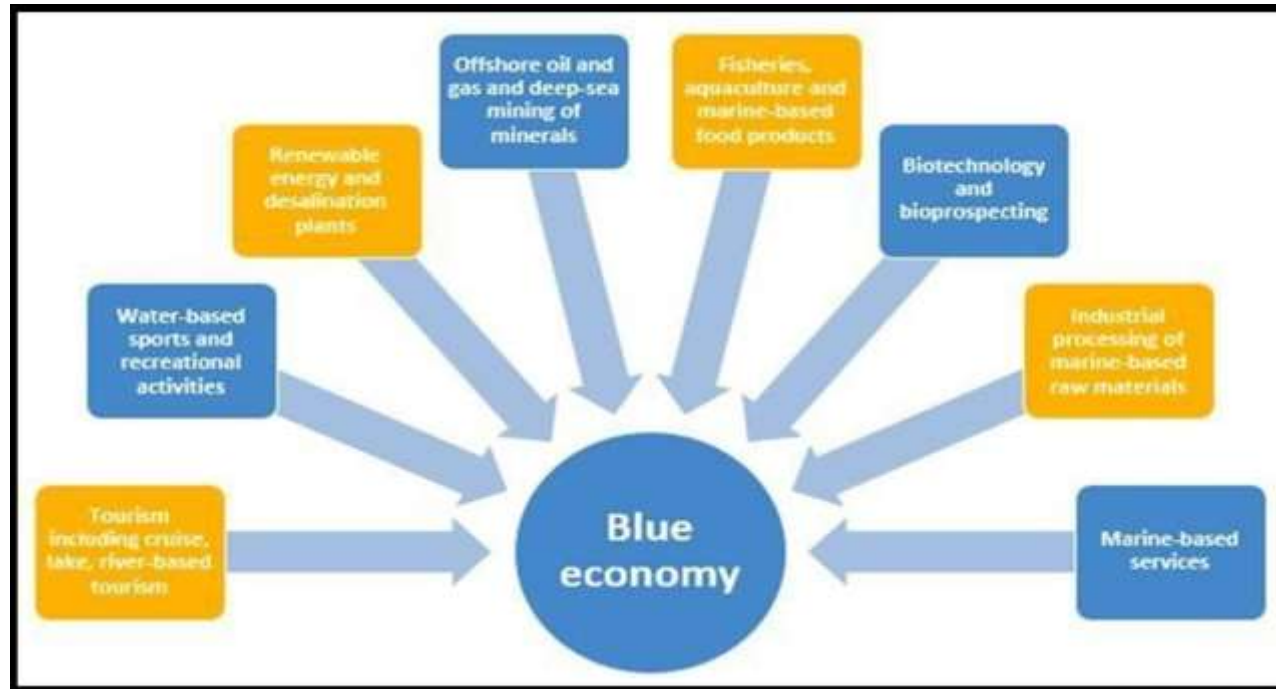
.(2019) For instance: the Europe's blue economy provides more than 4.5 million direct jobs

The terminology of the Blue Economy is dates back to later 2009, at the American Senate .Committee on Commerce, Science and Transportation Congress

The World Bank (2017), defined the Blue Economy as “the sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of ocean ."ecosystem

Spinrad (2021), defined the New Blue Economy as "the commercialization of value-added data, information and knowledge about the marine environment“. Thus, it requires an educated .workforce and for them to be edictal in new ways

Blue economy activities and sectors

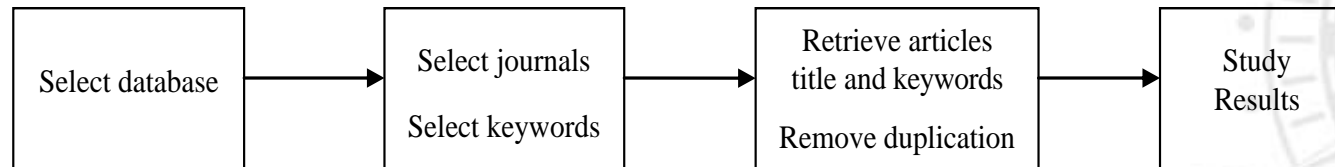


Methodology

This study examines scholarly articles / journal papers only from later 2011 until January 2022.

It excludes books, book chapters and dissertations .

It used content analysis process with a deductive approach in order to categorize articles.



Results and discussion

Study content analysis-based review method for a literature review in order to examine the relationship between the Blue Economy and the selected keywords.

In the first stage, the initial selection process of term the blue economy yielded the defined three databases was include 52213 articles in Science Direct, 96698 articles in Springer and 112576 articles in Taylor and Francis.

In the second stage , after removing irrelevant papers and unrelated and or duplicates articles over the period of study, term of ocean economy encounter the highest number of 125 in Science Direct, 43 in Taylor and Francis and 14 in Springer. Term fishing scored 60 in Science Direct, 44 in Taylor and Francis 32 in Springer.

Between 2013 and 2021, there was a remarkable 41-fold rise in articles.

Frequency of Term Blue Economy as the Main Topic or Title in the Selected Three Databases

Year Platform	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Science Direct	1	2	2	X	6	7	6	12	19	2
Taylor & Francis	x	1	x	4	4	7	3	6	6	X
Springer	x	1	1	X	2	x	1	6	8	X
Total	1	4	3	4	12	15	10	27	40	2

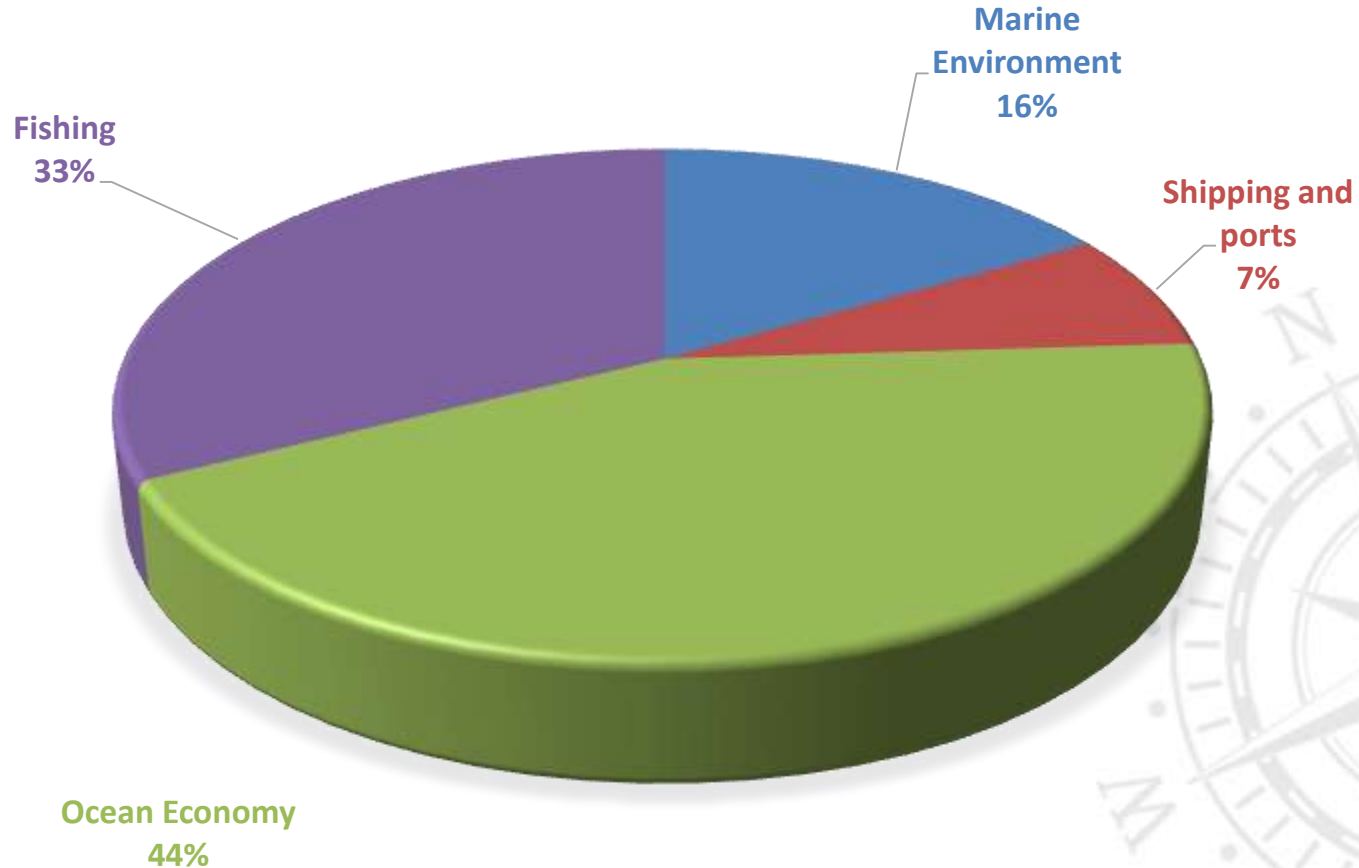
The Most Applied Research Methodologies

Term Database	Descriptive and document analysis	Systematic/desktop review	conceptual /analytical framework	modeling	survey	case study	cluster approach	grey correlation analysis	foresight
Science Direct	28	2	7	5	6	3	2	1	3
Taylor & Francis	16	1	3	4	1	5	1	X	x
Springer	6	2	4	1	2	3	X	X	x
Total	50	5	14	10	9	11	3	1	3
Ratio	48%	4.5%	13%	9%	8.5%	10%	3%	1%	3%

Research Matrix

Term \ Platform	Fishing	Ocean economy	Shipping and ports	Marine environment
Science Direct	60	125	14	8
Taylor & Francis	44	43	7	12
Springer	32	14	10	49
Total	136	182	31	69
Ratio	32.5%	43.5%	7.5%	16.5%

KEY WORDS

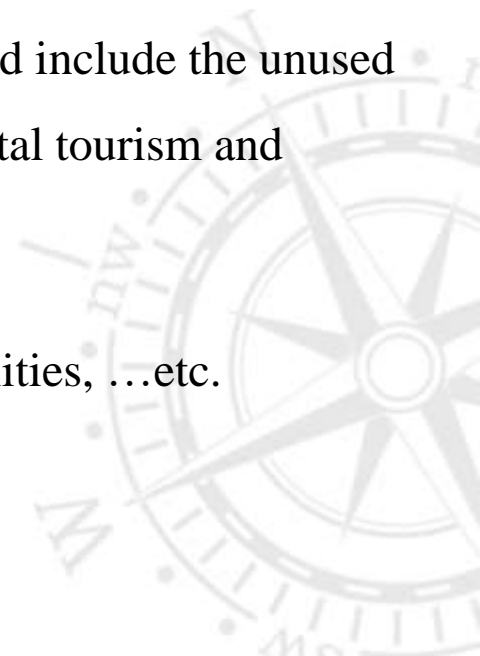


Study limits and areas for further work

This study is limited to the Blue Economy concept within a limited number of key words as it emphasizes the Blue Economy subject.

The areas for further research in the blue economy domain should include the unused terms of this study such as; renewable energy, aqua culture, coastal tourism and .recreation...etc.

Also, it should include regions, authors' names and their nationalities, ...etc.



Thank You for your kind attention
Any Questions?



Towards a
SUSTAINABLE **BLUE**
ECONOMY

20 - 22 March, 2022
Hilton Green Plaza Hotel