



TITLE: An Assessment of Al Batinah Fishery with Respect to Sustainable Development Using Multi-Criteria Decision Analysis Approach.

Name: Huda Al Siyabi

Affiliation: Assistant Manager of Economic and Development Sector
at Shura Council (Oman)

Country: Sultanate of Oman

Email ID: HudaKhalfan@hotmail.com

ABSTRACT (upto 300 words)

Globally, sustainable development is considered as a vital need to fisheries sector that integrated both human and environmental well-beings. This issue was recognised by the Omani government therefore, it started to promote the fishery management system by establishing new fisheries development plans and management policies to achieve the sustainable development goals. This study aimed at assessing the progress of Al Batinah fishery towards sustainable development using Ecologically Sustainable Development (ESD) framework and Multi-Criteria Decision Analysis approach (MCDA). A consultation review was conducted to identify all possible components (criteria) of the ESD framework. Progress of each component toward sustainability and sensitivity analysis were conducted to identify strengths and weaknesses of components. Attainment toward sustainability in Al Batinah fishery progressed showed a positive trend. The results indicated that the year (2016) had the best attainment toward sustainability for both effect on human and environment and the management measures and/or practices adopted in 2016 favoured socio-economic development more than conserving the environment. Sensitivity analysis confirmed that year 2016 was the most preferred year and provided different strengths and weaknesses to improve both human and environmental well-beings. The management authority is therefore advised to adapt conservative measures to promote and protect the environment. In the long-term, such preferences of human well-being over environment might threaten the whole fishery.

BIOGRAPHY (upto 200 words)

Huda Al Siyabi has completed her Master degree at the age of 31 years from Sultan Qaboos University, Oman. She is the Assistant Manager of Economic and Development Sector in Shura Council. She was a marine science researcher for 10 years. She has been participated in many scientific conferences and workshops.

Presenter Name: Huda Al siyabi.

Mode of Presentation: Oral/Poster.

Contact number: +986 98862002



4th International Conference on **NUTRACEUTICALS AND FOOD SCIENCE**
November 11-12, 2024 | Bangkok, Thailand



Upload your photo here.

