

# Exploration and Utilization of Marine and Freshwater High and Low Value Biological Resources

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## Introduction

Since ancient times, the exploitation of marine sources has specially targeted on fishing and accumulating marine residing resources, acquiring salt with the aid of evaporating brine and navigating on the ocean. In view of the increasing shortage of power at domestic and overseas in recent years, as an energy treasury, there are also ample renewable electricity sources within the ocean together with marine wind strength, tidal power, wave power, temperature distinction electricity, salt distinction electricity besides for a huge variety of mineral electricity, which has attracted the eye of electricity developers and led the principle route of modern electricity improvement to marine strength development. Apart from a spread of energies, the ocean additionally includes multifarious different resources [1]. With the gradual improvement of medical and technological level inside the exploitation and utilization of marine sources in the international, the financial value of marine resources is becoming an increasing number of highlighted.

Marine resources seek advice from those substances, electricity and marine space existing in the marine environment that can be exploited and used by humans, which include marine biological resources, seawater assets, seabed mineral resources, marine renewable strength and marine space resources, and many others. The management of marine resources has grown to be extraordinarily complicated due to its natural and social attributes. Along with social and monetary development and populace growth, there may be a critical shortage of land sources, especially electricity [2]. There is even the emergence of sensational comments that person who holds control over petroleum power may have the world beneath manage. By the stop of the 20<sup>th</sup> century, the sea started to be taken as the course of resource improvement underneath the compelling situations. Advances in science and technology in addition to the in-depth exploration have steadily highlighted that the oceans incorporate a ways more sources than that of land, thereby coastal international locations have hastily launched a huge amount of investment for exploitation and usage.

As sequences of disasters that cannot be underestimated were caused by disorderly development, many professionals have achieved detailed studies on marine resources improvement and ecological protection [3]. Since the sustainable improvement of the ocean method that of people, the improvement of the ocean need to be promoted simultaneously with the safety of the marine environment. Nevertheless, most people of researches were achieved from one attitude, including a positive

useful resource or ecological surroundings, whilst researches at the improvement of marine sources and marine ecological protection are predicted to be performed from a systematic angle. As a big and natural multivariate dynamic system, the sea assumes effective self-restore and purification features, with a huge amount of renewable and relevant sources in it [4]. Hence, sustainable development and ecological safety must be taken because the number one premise inside the exploitation and usage of marine assets, with a purpose to ensure the sustainable development of mankind.

Those fishermen who live by fishing are maximum involved about their actual blessings rather than whether their overfishing will harm the sustainable development of marine resources. The best element they may be certain of is that the extra they seize the greater economic blessings they may get. For absolutely due to the pressure of existence. The much less the sources are, the more unscrupulous human beings might be. Given that the total amounts of marine sources are sure, the greater critically marine useful resource was damaged, the more risky marine ecology might be.

Rather than being recommend simply in mild of the current situation, the status quo of an ecological idea of marine protection inside the exploitation and usage of marine sources is also a count of human survival inside the future [5]. The sustainable development of marine assets is carefully associated with the destiny of the entire kingdom and is considered as the basis of sustainable financial and social improvement.

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