

Workshop
Università degli Studi
di Urbino Carlo Bo



PESCA e BLUE GROWTH

nuove sfide
e sostenibilità
ambientale



1506
UNIVERSITÀ
DEGLI STUDI
DI URBINO
CARLO BO



Fondazione
Cassa di Risparmio
di Fano

con il patrocinio di



Comune di Fano



Seas and oceans are important drivers for Europe's economy. The EU Societal Challenge 2 (SC2) Programme foresees sustainability using marine resources while protecting the oceans, such as biodiversity and clean water. The SC2 Work Programme is structured including also the call of the "Blue Growth". Blue growth is accelerating worldwide offering enormous economic opportunities through a sustainable way.

Sustainability has long been at the heart of the EU legislation. The Blue Growth aims at sustainably harvesting the potential of resources of the oceans for different uses and across the range of marine and maritime industries, while protecting biodiversity and enhancing climate resilience. It supports sustainable growth in the marine and maritime sectors through a responsible management of marine resources for healthy, productive, safe, secure and resilient seas, which are essential for thriving ecosystems, climate regulation, global food security, human health, and economies.

In the Adriatic Sea, fishery and aquaculture are the key sectors of Blue Growth based on their environmental sustainability, efficiency of resources, innovation and competition, including also occupation increase and reinforcement of cooperation with partners in cross borders regions by favoring the marine and maritime policy actions.

Marche Region is developing its economy also along the coast and the coastal economy is also based on fishery and aquaculture sectors.

At this workshop, a panel of experts have been invited such as EU politicians, scientists, researchers, administrative staff and various stakeholders, which together will discuss the themes.

The event is open to students and citizens as well.

Economic sustainability in fishery management: production and market

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Abstract

The lecture covers fishery production and fish farming at a global, regional and national scales. Problems arising from the structural crisis in the fish production system will be tackled and critical points will be highlighted. The crisis of fishery resources will be discussed with particular emphasis on the target species living in the Mediterranean Sea. associated with the coexistence between European Union Member States and neighboring countries and the management and safeguard of common resources considered "common heritage" will be addressed. The defense of the "price of production", the seeking of income opportunities in the fishery chain, the multifunctionality of fishery enterprises working on wild-catching and/or on reproduction of specimens through breeding systems will be discussed. Lastly, issues related to the market will be addressed. Different ways of "selling" fishery products meeting the needs of new consumers will be illustrated.

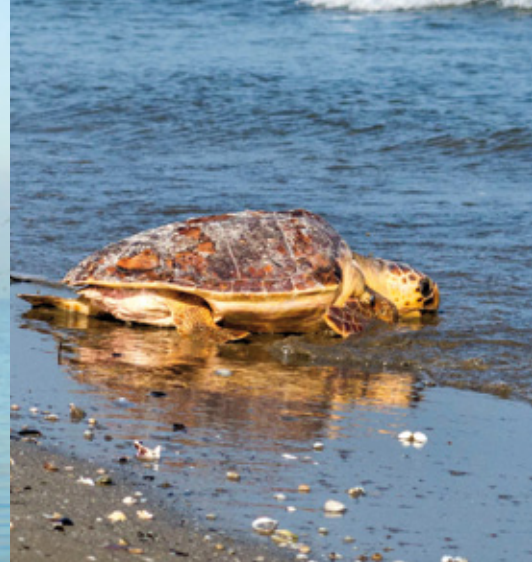
TartaLife: a multiple approach to reduce sea turtle mortality in the professional fishing

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Abstract

The Regional Network for the Conservation of the Maritime Turtle was established in 2010 by the Marche Region with the participation of several Entities. In this context the Marche Region co-finances TARTALIFE project (LIFE12 NAT/IT/000937), coordinated as lead partner by CNR-ISMAR of Ancona. TARTALIFE aims at reducing sea turtle mortality in the professional fishing through a multiple approach. An interview-based approach was applied to estimate sea turtle bycatch in Italian waters; around 52,000 capture events and 10,000 deaths were estimated in the Italian waters alone in 2014 highlighting a more alarming scenario than earlier studies. The most harmful fishing gears resulted trawl nets, showing the highest probabilities of turtle bycatch with a hotspot in the Adriatic Sea. In the framework of TartaLife, a series of Bycatch Reducer Devices (BRDs) have been developed and tested in order to reduce sea turtle bycatch. Turtle Excluder Devices (TEDs) were tested in bottom trawling; UV Leds were used in passive net fisheries as a deterrent for sea turtles approaching the nets; innovative collapsible pots were used as alternative gear to replace passive nets; circle hooks were used in longlines to replace the traditional J hooks. Finally, TartaLife have stimulated the activity of Regional networks through awareness campaigns with schools and tourists and training courses for fishermen and operators of the rescue centers, on methods for rescue and rehabilitate injured sea turtles.



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ore 9,00
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Via Montevecchio 114