

BANDO N. 367.316 TEC IRBIM

CONCORSO PUBBLICO PER TITOLI ED ESAMI PER L'ASSUNZIONE CON CONTRATTO DI LAVORO A TEMPO PIENO E INDETERMINATO DI UNA UNITÀ DI PERSONALE PROFILO TECNOLOGICO, III LIVELLO PROFESSIONALE PRESSO L'ISTITUTO PER LE RISORSE BIOLOGICHE E LE BIOTECNOLOGIE MARINE DEL CONSIGLIO NAZIONALE DELLE RICERCHE - ANCONA
SETTORE TECNOLOGICO ORGANIZZATIVO-GESTIONALE

Prova orale 15/06/2023

All. 1

Serie n.1

- Il candidato esponga le proprie conoscenze ed esperienze nell'ambito della tematica del bando.
- Il candidato illustri i principali programmi europei di finanziamento della ricerca in ambito marino, con riferimento specifico alla conservazione e valorizzazione sostenibile delle risorse biotiche, e ne presenti e discuta le principali caratteristiche e specificità dal punto di vista dello sviluppo di una proposta progettuale. Questo eventualmente anche con riferimento a quanto già sviluppato in sede di prova scritta.

Testo inglese (da Restore our Ocean and Waters by 2030 - Implementation Plan, pag.4)

The objective of this Mission is to restore the health of our ocean and waters by 2030. The Mission is designed to deliver on the European Union's 2030 quantified and measurable targets for protecting and restoring ecosystems and biodiversity, for zero pollution, and for the decarbonisation and reduction of net greenhouse gas emissions towards climate-neutrality, within the EU's ocean, seas and waters.

The European Union can only fulfil its European Green Deal objectives by restoring the good health of the 'hydrosphere', the single connected system of the ocean, seas, coastal and inland waters, which covers around 75% of the Earth's surface. Life on Earth depends on a healthy hydrosphere to maintain a rich biodiversity and functioning ecosystems that provide oxygen, drinking water and food. Pollution-free waters are critical for the health of both citizens and planet. For the citizens of Europe and the world, the health of the ocean and waters will shape their very real conditions of life. Healthy ecosystems support the transition to climate-neutrality, as the ocean is one of the planet's most important carbon sinks and its resources, wind, tides and waves, provide clean energy. Healthy waters are also of great economic importance. By 2030, the ocean alone is estimated to generate EUR 2.5 trillion of goods and services annually whereas water-related services provided by nature are valued at around EUR 24 trillion per year.

Elementi di informatica

- Archiviazione di file: principali metodi per effettuare e gestire un backup.

Serie n.2

- Il candidato esponga le proprie conoscenze ed esperienze nell'ambito della tematica del bando.
- Il candidato descriva le fasi principali del processo di Project Cycle Management, dalla comprensione del contesto alla fase valutativa del progetto. Questo eventualmente anche con riferimento a quanto già sviluppato in sede di prova scritta.

Testo inglese (da Restore our Ocean and Waters by 2030 - Implementation Plan, pag.5)

This Mission will deliver on the European Green Deal by “putting the blue into the green”. It will deploy innovative solutions at basin-scale (sea basin and river basin) for each of the three specific objectives (see section 2.2). It will thereby tackle the main interconnected drivers of the hydrosphere’s degradation, i.e. unsustainable exploitation, pollution and climate change¹², low societal engagement and incomplete knowledge. It will support the development of technical, social, governance innovation and business models linked to the restoration of aquatic ecosystems and the development of a sustainable, resilient and climate-neutral blue economy. That effort implies by necessity a far-reaching technological, economic and social transition that must involve large parts of society.

To support all three objectives, this Mission will put in place two enablers (see section 2.3). First, it will foster a digital ocean and water knowledge system, with monitoring services to better understand, monitor and forecast the health of the hydrosphere that will build on and scale up existing and planned European infrastructures and services (Copernicus, EMODnet, Destination Earth, ERICS). Second, it will promote a participatory governance based on public mobilisation and engagement, empowering citizens to take action and drive the transitions through deliberative democracy, social innovation, citizen science and awareness campaigns.

Elementi di informatica

- Identità digitale e firma digitale: principi di funzionamento e casi d’uso

Serie n.3

- Il candidato esponga le proprie conoscenze ed esperienze nell'ambito della tematica del bando.
- Il candidato descriva i diversi criteri di cui dovrebbe tenere conto un insieme di indicatori di performance (KPI) da applicare ad un progetto su tematiche marino-marittime. Questo eventualmente anche con riferimento a quanto già sviluppato in sede di prova scritta.

Testo inglese (da Restore our Ocean and Waters by 2030 - Implementation Plan, pag.7)

What added-value will the Mission provide? To realise the ambition of restoring the ocean and waters by 2030, a decisive push is needed. To reach the ambitious targets set in the European Green Deal, the EU Biodiversity Strategy, the Zero Pollution Action Plan and the EU climate policy, a transformational effort is required. The European Union’s usual policy tools – legislation and EU funding programmes, existing and planned – will be necessary, but they will not be sufficient on their

own. On top of and across existing EU legislation and programmes, an additional, accelerated effort is needed. The Mission will provide the strategic and comprehensive implementation effort to match the level of ambition, through research and innovation, increased and focused funding as well as citizen and stakeholder engagement. It will federate efforts across programmes and instruments, across sectors and at EU, national, regional and local level, ranging from research and innovation to deployment, investment and regulation. It will mobilise on a broad basis, engaging the European public to help catalyse the necessary transformative change for the restoration of the ocean and waters. The Mission will empower European citizens to help preserve one of their most precious common goods. It will address the fragmentation of research disciplines and knowledge systems, the need to structure efforts across governments, boundaries and water bodies. This integrated approach will restore the ocean and waters by addressing the many connected and cumulative pressures on their health in a coherent and efficient manner. The European Green Deal relies on mastering that challenge. As this Commission approaches its mid-term, delivery on the European Green Deal will become the main focus. The Mission will support that delivery effort.

Elementi di informatica

- Principi e buone pratiche per l'archiviazione e la conservazione digitale di documenti e progetti



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