



Food and Agriculture
Organization of the
United Nations

ARTIFICIAL INTELLIGENCE FOR A DIGITAL BLUE PLANET

GLOBAL FORUM | 28–30 JUNE 2021

**Artificial Intelligence (AI) is changing our world.
But how could it be used to improve the knowledge
of aquatic ecosystems?**

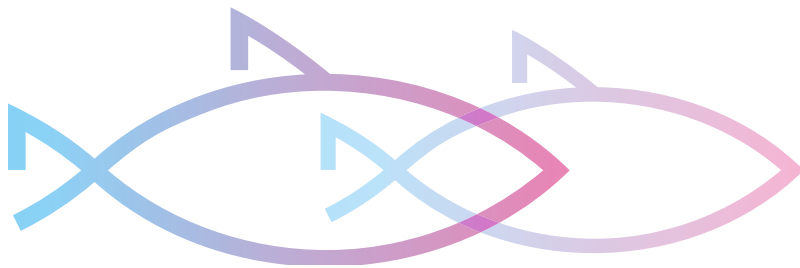
Technological innovation could transform the way information and knowledge about aquatic species is collected, distributed and made available to decision makers.

The application of machine learning and web enabled hand-held devices, can bring for the first time the skills of taxonomists and fisheries scientists to fishers working in the sector and the general community.

We believe the time is right to seize this opportunity.

Artificial Intelligence for A Digital Blue Planet is a three-day global forum (28–30 June 2021), that will bring together data scientists, analysts and researchers from marine research institutions and universities around the world to share their knowledge, skills and innovative ideas while discussing ways AI could help promote the use of knowledge to improve the management of our aquatic ecosystems.





A HUB FOR AQUATIC KNOWLEDGE

The forum will explore important issues including how Artificial Intelligence can identify the images of thousands of aquatic species and be utilised to determine the size, numbers and stages of life.

Other topics will focus on how global participants can work together in a virtual environment and seek solutions that can be further developed and deployed.

IN COLLABORATION WITH

- [Consiglio Nazionale delle Ricerche \(CNR\)](#)
- [Exeter Marine](#)
- [Griffith University](#)
- [National Oceanic and Atmospheric Administration](#)
- [World Wildlife Fund](#)
- [Vulcan](#)

The forum will initiate an ambitious global collaboration and scope the development of an AI platform with the capacity to share the knowledge required to produce tools such as mobile apps intended to empower citizen science and stakeholder knowledge of aquatic species.

The vision of the platform is to act as a hub where a multidisciplinary team can gather training data from a broad range of stakeholders and develop species and scenario specific models with the capacity to implement real world solutions.

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