



# Blu

Piloting innovative services for Marine Research & the Blue Economy

# loud

# Wildlife Tracker for Oceans

MPAs assessment with real-time wildlife tracking and  
ocean monitoring data



## Wildlife Tracker

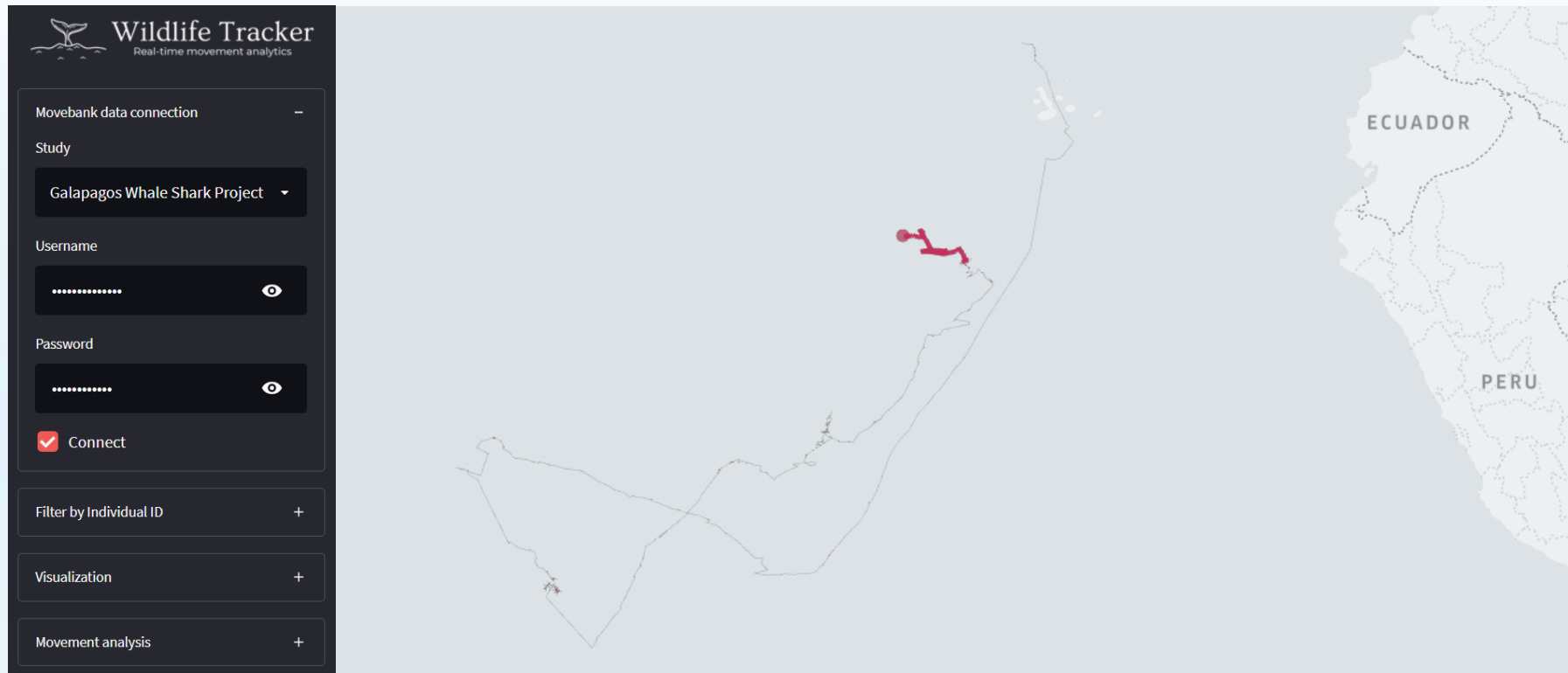
Real-time movement analytics

Bryan R. Vallejo, Sofia Green, Tran Ngo, Ederson Enriquez



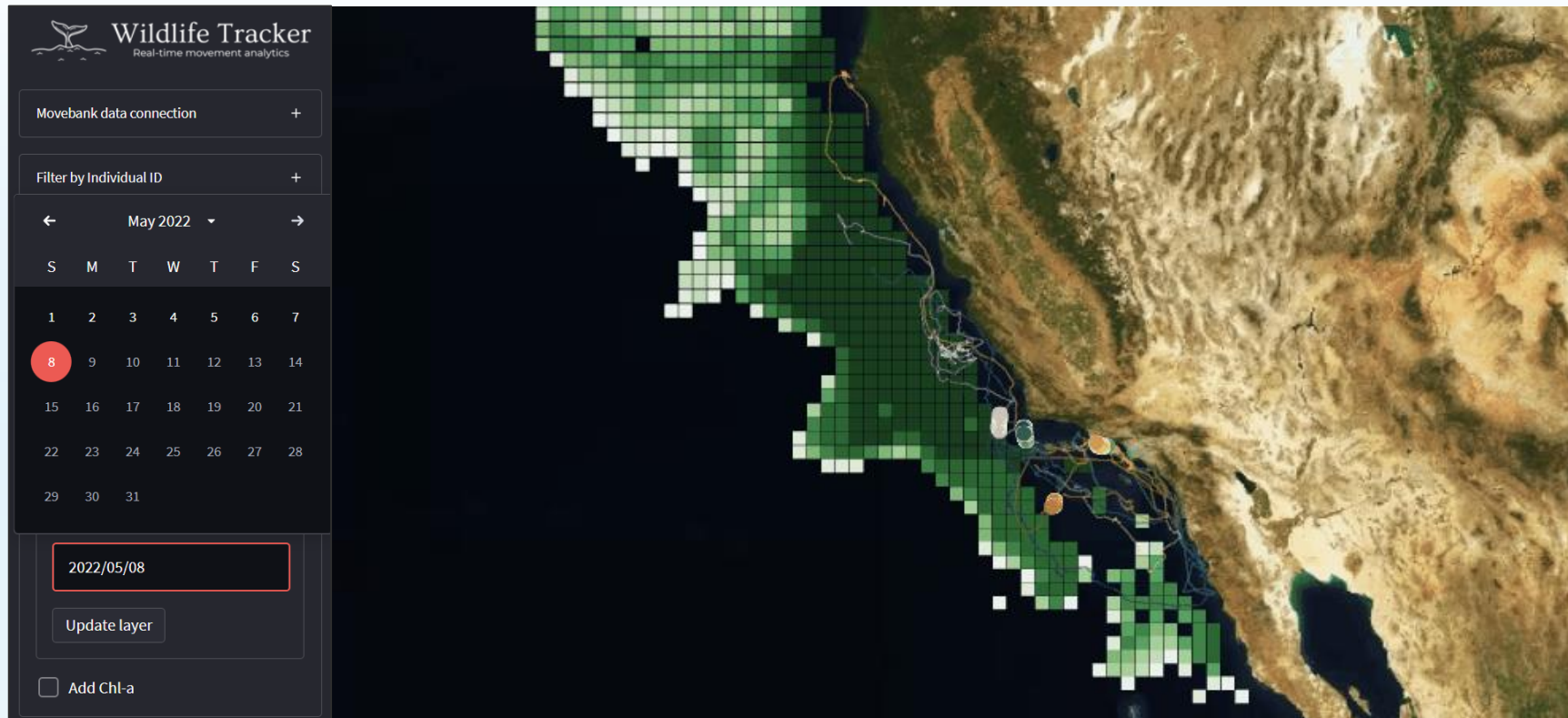
# What is it?

- A cloud geo-framework dedicated to real-time movement analysis of wildlife tracking datasets from Argos satellite



# What is it able to?

- Retrieve ocean monitoring data products from open services such as Blue Cloud Chl-a (Phytoplankton)



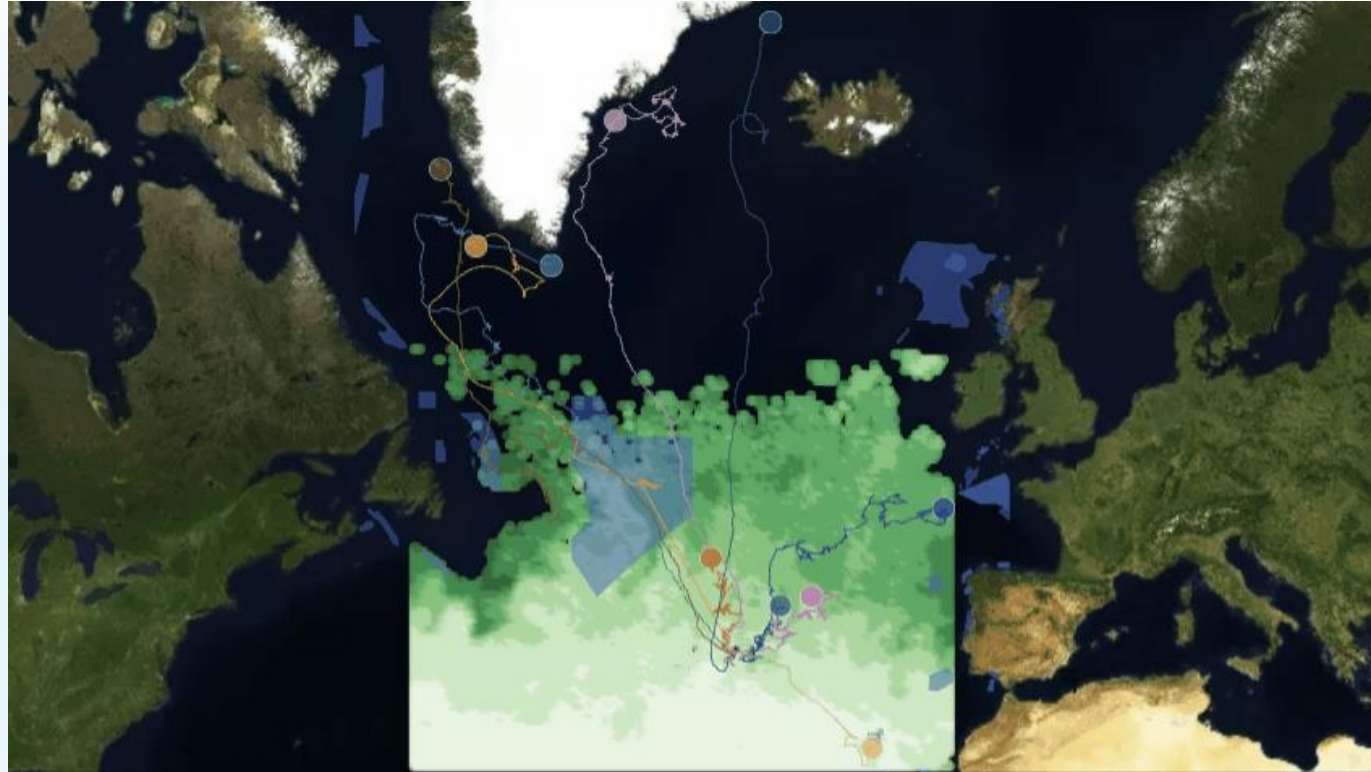
# How is it implemented?

- The pilot project is being implemented thanks to the Galapagos Whale Shark Project in Ecuador



# Why is it implemented?

- To support data-driven decisions in Marine Spatial Planning based on marine megafauna habitat





Blue-Cloud

# To whom?

● To Marine Scientists and Institutions dedicated to marine conservation and movement ecology research willing to support Marine Spatial Planning

@gis4\_wildlife Twitter



# What is the next step?

- Development of real-time visualization with ocean ecological geographical changes
- Data products for ecological modeling



# Thank you!



Be part of this inspiring project

[www.gis4-wildlife.com](http://www.gis4-wildlife.com)