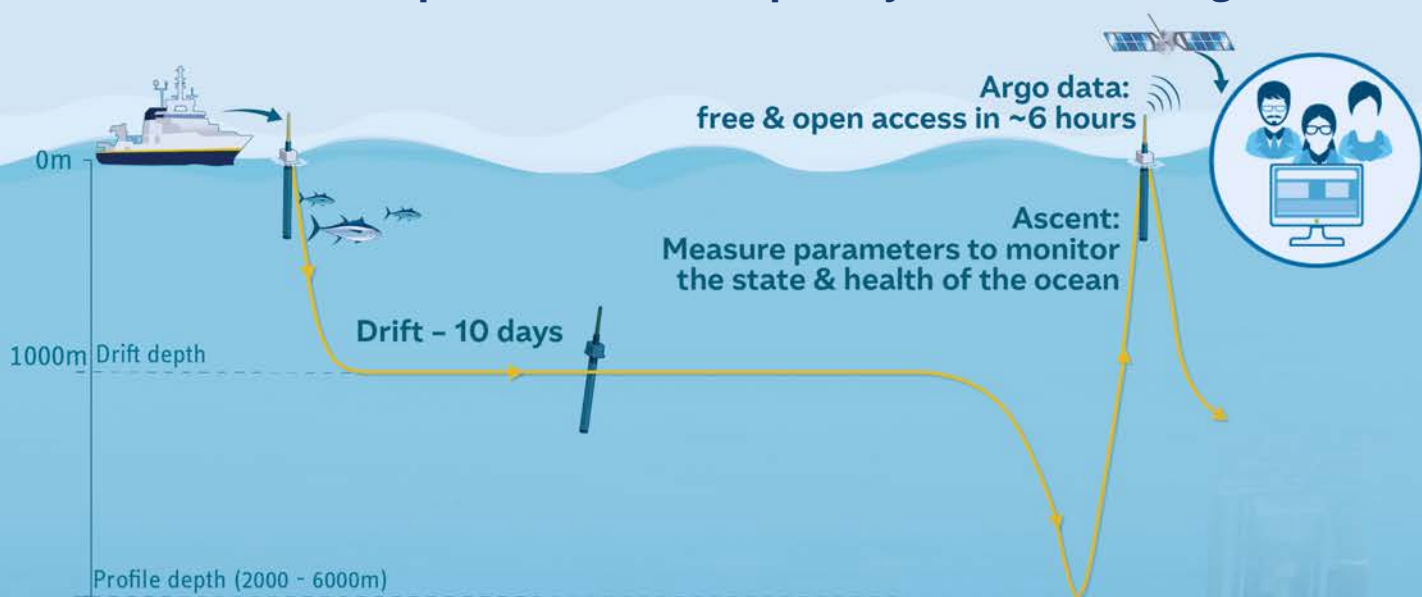


# OneArgo



Global, full-depth and multidisciplinary ocean observing vision



## 4700 ARGO FLOATS BY 2030

Will span the global ocean — from pole to pole and surface to abyss.

## 6000 METERS DEEP

To measure deep ocean warming like never before.

## 6 SENSORS

Will be added to the initial mission, monitoring ocean temperature and salinity, to track the carbon budget, deoxygenation and ecosystem changes.

“

Over the past 25 years, Argo has revolutionized ocean science, monitoring changes in ocean heat, sea-level rise, and circulation while improving climate and weather forecasts.

Only with increased global funding, can we deliver OneArgo by 2030, providing the essential data needed to tackle the climate crisis.

The time to act is now!

**Joanna Post, Director of the Global Ocean Observing System**



Argo Program and Scripps Institution of Oceanography at UC San Diego

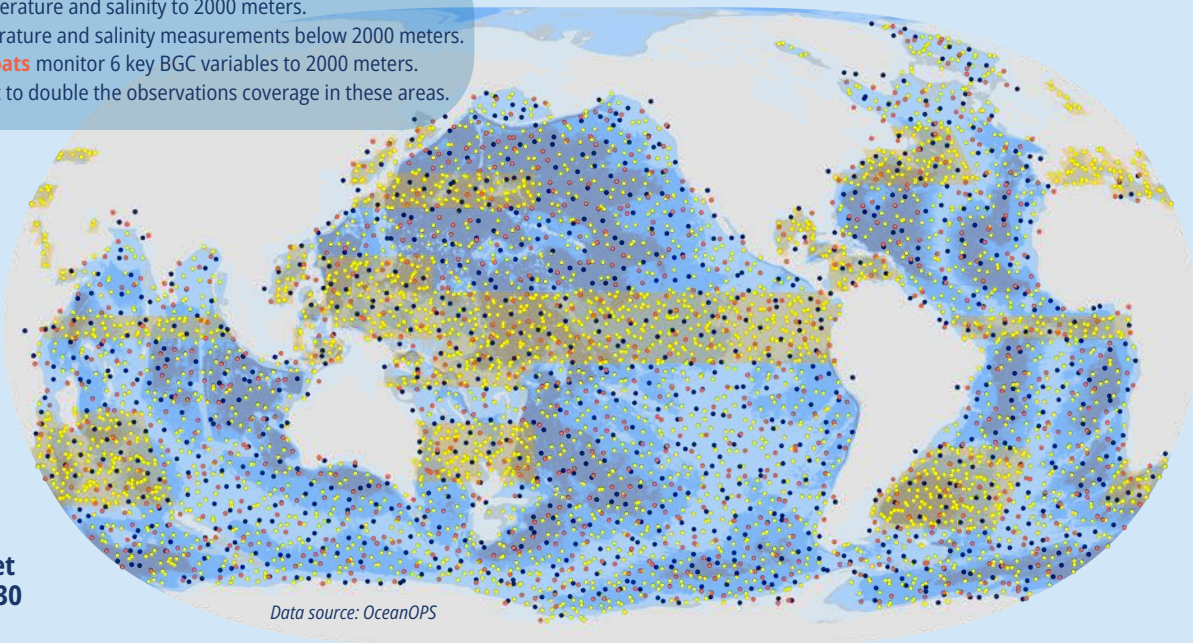
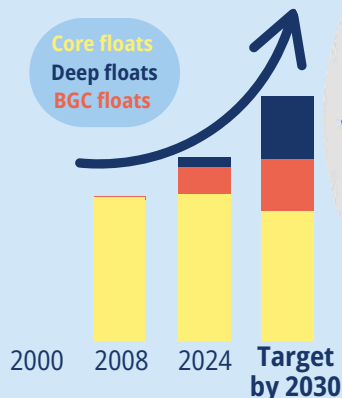
## OneArgo target by 2030: 4700 floats

**2500 Core floats** measure temperature and salinity to 2000 meters.

**1200 Deep floats** extend temperature and salinity measurements below 2000 meters.

**1000 biogeochemical (BGC) floats** monitor 6 key BGC variables to 2000 meters.

**Highlight OneArgo's target to double the observations coverage in these areas.**



“Argo’s efficient technology and open data system — which have proven so successful — can now be leveraged to close the major remaining gaps in ocean monitoring: the deep, polar, and living global ocean. **Susan Wijffels, Co-Chair of the Argo Program.**”



## Weather and extreme events

OneArgo will improve short-range and seasonal forecasts, enhancing predictions of extreme events such as marine heatwaves, low-oxygen episodes, and coastal flooding.



## Climate change and variability

OneArgo will deepen our understanding of climate change impacts, including ocean warming, deoxygenation, acidification, carbon storage, and the potential anthropogenic effects.



## Ocean and ecosystem health

A healthy ocean supports biodiversity and abundant fisheries, regulates the climate, cycles nutrients, and produces oxygen while sustaining industries. OneArgo will deliver essential data to guide ocean governance and address ongoing changes.

“Without Argo’s global subsurface ocean data, we are effectively flying blind when it comes to forecasting extreme weather events and understanding seasonal climate variations, said **Celeste Saulo, Secretary-General of the World Meteorological Organization.** “Argo provides the critical data beneath the surface that satellites can’t reach. Sustained investment in OneArgo isn’t just important — it’s indispensable for protecting lives, economies, and ecosystems.”

More information at:

**argo.ucsd.edu**



Track the Global Argo array in real-time:  
**ocean-ops.org/argo**

