



[View this email in your browser](#)



GEO Blue Planet is a global initiative to ensure the sustained development and use of coastal and ocean observations for the benefit of society.

---

## Second Quarter 2019 Newsletter

### Inside this Issue

- [2020-2022 GEO Implementation Plan](#)
- Secretariat Updates
- Collaborator Profile: [Ocean Best Practices System](#)
- Project and Working Group Updates: [Contribute to our Survey on Marine Litter Databases and Datasets](#)
- Community Announcements
- Upcoming Events

---

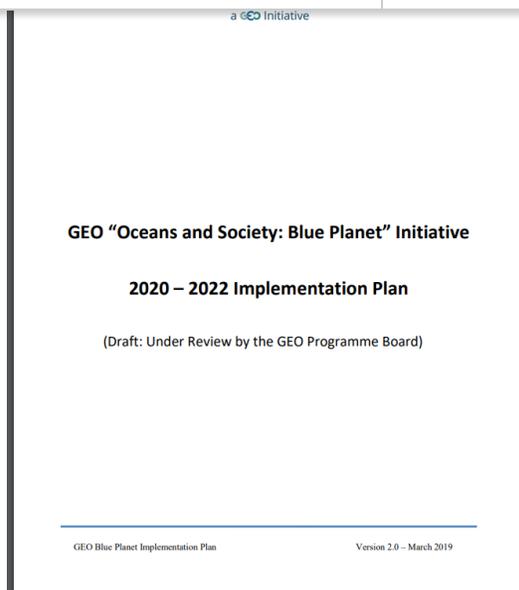
## 2020 - 2022 Implementation Plan

---

The 2020 - 2022 GEO Blue Planet Implementation Plan has been submitted to the GEO Programme Board as part of the 2020 - 2022 GEO Work Programme.

[Click here](#) to view the draft of the 2020 - 2022 GEO Blue Planet

[Click here](#) for additional information on the expected schedule of the development of the 2020 - 2022 GEO Work Program.



---

## Secretariat Updates

---



Daniel Takaki has joined the principal office of the GEO Blue Planet Secretariat. Dan will be with us for one year as part of the Sea Grant Knauss Fellowship. Dan recently graduated from the University of Minnesota - Duluth with an M.S degree in Water Resources Science and is representing Minnesota Sea Grant. His thesis project focused on developing a sediment bioreactor to treat sulfate contamination in fresh water, encompassing microbial ecology and environmental engineering.



Xiaofan Zhang from the School of Economics at the Ocean University of China will be working to support GEO Blue Planet activities related to socio-economics for the next year. Xiaofan is currently serving as a visiting Faculty Assistant at the University of Maryland's Earth System Science Interdisciplinary Center (ESSIC) through the Chinese Scholarship Council (CSC).



## The Ocean Best Practices System

The [Ocean Best Practices System](#) supports the ocean observation community by providing a repository where best practices are reliably archived, accessible, searchable and comparable across disciplines. The system consists of a sustained IODE global repository, a peer-reviewed *Frontiers in Marine Science* Research Topic "Best Practices in Ocean Observing" and a training capability built upon the IOC OceanTeacher Global Academy. With over 600 best practices in the repository, it is much easier to build, find and compare methods. Best practices are a core piece of the GEO Blue Planet mission of advancing and exploiting synergies among the many observing programs dedicated to ocean and coastal waters. [Read more...](#)

---

## Project and Working Group Updates

---

### Marine Debris Working Group

GEO Blue Planet Secretariat, IEEE/OES, WWF and other partners are working to produce a white paper on a concept for a global monitoring platform for marine plastics. This white paper will include an inventory of major databases and datasets for marine debris/litter. Know of a



## Survey on Marine Plastic Databases & Datasets

All feedback is welcome and deemed relevant, as information from this survey will be used for the official United Nations Sustainable Development Goal (SDG) monitoring of [SDG indicator 14.1.1](#) (Index of coastal eutrophication and floating plastic debris density).



### Multi-hazard Information and Forecasting System for the Wider Caribbean

The NOAA CoastWatch Caribbean and Gulf of Mexico Regional Node are working to develop an in-situ validation database to support ground truthing of sargassum and oil spill monitoring in the Wider Caribbean. Project partners are working to develop recommended protocols for collection of the data and information and submission to the database as well as a website highlighting ongoing efforts, available resources and past projects. GEO Blue Planet also participated in the Fifteenth Intergovernmental Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions (SC-IOCARIBE-XV) held from 6 to 10 May 2019 in Oranjestad, Aruba. [Read more about SC-IOCARIBE-XV...](#)

---

**Early Warning System for Marine Flooding of Reef-lined Islands**

Early Warning System (EWS) methodology has been successfully tested in a case study at Roi-Namur, Kwajalein Atoll, RMI. The initial simulations showed that hindcasts of wave run-up using the EWS methodology, satellite-derived estimates of reef geometry and reef depth are comparable to outputs from a more sophisticated high-resolution model called XBeach.



The EWS team have therefore demonstrated that a relatively simple EWS methodology does work well and is therefore ready to implement as a global EWS.

---

### Oceanscape Portal



### Oceanscape Portal Project

The Oceanscape portal, which will provide information on the many international, regional and national level organisations working in ocean observing and related fields, and how they are connected, is currently being pilot tested. The aim of this project is to launch officially at OceanObs'19 in September 2019.

---

## Community Announcements

---

- Commercial Satellite Water Quality Methods and Visualization position with the US EPA. [See listing here](#)
- The European Space Agency put out a call seeking novel and innovative ideas that address the remote sensing of plastic marine litter in saltwater and freshwater systems!

Fund, published a report this month titled "[Disrupting Data Sharing for a Healthier Ocean](#)" in the ICES Journal of Marine Science on how new ways technology and social networking could disrupt ocean data sharing to transform how we manage the ocean.

- OceanObs'19 has released their [first circular for the event](#) as well as [a call for side events](#). The circular previews the conference program including the highlights of the core theme of OceanObs'19: life in the sea, best practices, and better information for ocean users.

## Upcoming Events

---

- [Our Ocean Wealth Summit](#), focusing on shared voices from small island nations will be held in Cork, Ireland on 9 & 10 June, 2019
- The [First International Operational Satellite Oceanography Symposium](#) will be held 18-20 June, 2019 in College Park, MD at the NOAA Center for Weather and Climate Prediction.
- [OceanObs'19](#) will be held 16-20 September, 2019 in Honolulu, HI
- The [GEO Week 2019](#) Ministerial Summit will be held from 4-9 November in Canberra, Australia

---

Have an announcement for our next newsletter?

Send your update to [daniel.takaki@noaa.gov](mailto:daniel.takaki@noaa.gov).



---

*Copyright © 2019 Oceans and Society: Blue Planet, All rights reserved.*

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).



[Subscribe](#)

[Past Issues](#)

[Translate ▼](#)

[RSS](#)