



REAL TIME PARTNERSHIP

Padjajaran Oceanographic Data Centre (PODC)

“Scientific collaborations between international actors will ensure a sustainable ocean management that is scientifically sound, and underpinned by an open ocean data for everybody to access.”



PADJADJARAN DATA OCEAN CENTRE GUIDELINE DOCUMENT

A. Introduction

Real time monitoring of the ocean is becoming increasingly important to detect changes in our ocean. Several instruments and websites have provided us with the ability to see and visualize ocean datasets in near real time to real time. In this context, The Padjadjaran Ocean Data Centre (<https://isea-podc.org/>) also provides users with the service to see and visualize data from ocean monitoring instruments (mainly the ARHEA). Not only that users can see the movement pattern of the ARHEA, users can also visualize data from the ARHEA in graphs. This graph can provide users with the information of parameter measurements taken from the sensors of the ARHEA, such as water temperature, conductivity, etc.

Apart from the ARHEA instrument, we from the PODC team are also keen in presenting real time or near real time data from various sources of measurements. There are many sources of real time data available in the ocean, especially in the archipelagic states. Instruments such as buoy, tide gauges, and other ocean measurement instruments are widely and commonly used by scientists and authorities to provide fast and accurate information. Our goal in creating a real time data partnership is to create an open real time data server that provides relevant information, whether to the scientific community or to the general public. We believe that this kind of partnership of information will be very useful in the future to detect harmful changes in the ocean, especially in the coastal areas where crucial communities live.

B. Benefits of Partnership

We at PODC have developed a technology that allows users to see real time changes in the ocean via the ARHEA instrument. This is made possible through a fast and reliable satellite communication system that enables automated data delivery. We hope that through this open real time monitoring system, scientists or even the general public can not only see, but hopefully also analyze real time changes in our ocean. We also hope that scientists or institutions that have these real time datasets can serve the scientific community by creating an open data environment. Through partnership with the real time monitoring system of the PODC, there are several benefits that will be granted to you/your institutions:



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1. Direct involvement with PODC experts in the development of a real – time monitoring system for the archipelagic states.
2. Wide partnership opportunities with many archipelagic countries, especially inside the AIS forum.
3. Wide partnership opportunities with many scientific communities / institutions, such as universities, state research institutions, etc.
4. Access to development of marine data and technology through experts inside the PODC.

C. Procedure of Partnership

For a real-time data provider partnership with us, the procedure is simple and a straightforward one with the hope of attracting more researchers and/or institutions to partner and join the PODC data portal. For a real-time data partnership with us, the steps are as follows:

1. Letter of Interest (LOI)

Researchers and/or institutions that are interested in partnering with PODC to provide an open real-time ocean data can write their letter of interest to our Public Relation (LOI format is available on the website). After writing a letter of interest, our PR will provide you with a reply and guide you through the following steps.

2. Meeting with PODC administrators and experts

As soon as your LOI is received and accepted, we will provide a meeting with our website administrators and experts. This meeting is a crucial part in the procedure and will give our team an understanding of the type of data that you or your institution are willing to share with PODC. Several key points of the meeting will be discussed, such as instrument type, parameters observed, data delivery systems, and other points related to the data management. After the meeting, our team will discuss the suitability of your datasets to the PODC. You will get a further reply via email regarding the partnership as soon as possible.

3. Partnership agreement

After all the procedures are done and our team has concluded that your dataset will be suitable for the PODC website, we will provide you with an acceptance reply via email.



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We will also provide you with a draft of the partnership agreement document that you can review and discuss with us. If both parties have agreed to the whole partnership agreement document, our team will provide a meeting with you to finalize and sign the agreement to officially begin the partnership of PODC with you/your institution.

We are really looking forward to partnering with you, and together we can achieve a better ocean via an open real-time ocean data and monitoring system.

For further information regarding the Real Time Partnership program, please contact:

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