

“Biologging intelligent Platform (BiP)” is now open

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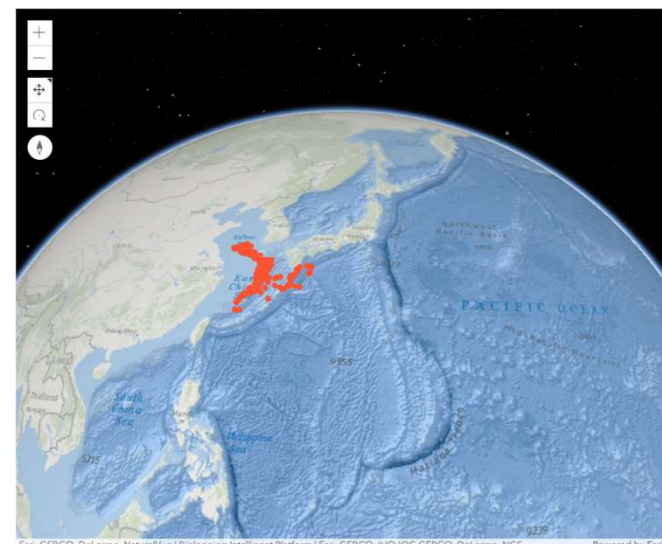
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Introduction

Sharing biologging data is an important challenge, as it can facilitate collaborative research and biological conservation by providing maps showing animals' distribution and movements. Moreover, although biologging was initially developed in the field of biology, it now covers diverse fields such as meteorology and oceanography, resulting in the emergence of secondary data utilization. In light of the social and academic requirements, we developed the "Biologging intelligent Platform (BiP)", which not only stores data but also facilitates data visualization and secondary data analyses, fostering wide applications of biologging data across various disciplines.

View Data

Anyone interested in utilizing the data can access metadata and visualized route maps, regardless of whether the data is open or private.



Download Data

Registered users can freely download open datasets under CC BY 4.0 license, which enables copying, redistribution, and modification while adhering to the metadata's credit requirements.

Download

Title	Release	RawFile	Organi	Specie	Instrun	Model	Owner	Create	DOI	Action
SS2018Funakoshi8_A	2018/1	8_S1.c	SS201	Calone	Axy-Mc	Axy-Mc	katsue	2022/1		
SS2018Funakoshi8_A	2022/1	tu77_0	SS201	Calone	Axy-Mc	Axy-Mc	Katsuf	2022/1		
9B41875_Axy-Movebz	2021/1	SS202	9B418	Calone	Axy-Mc	Axy-Mc				
9B20336_TS-AxyTrek	2021/1	SS202	9B203	Calone	TS-A	TS-A				
9B12279_TS-AxyTrek	2022/1	SS202	9B122	Calone	TS-A	TS-A				
SS2018Funakoshi10_	2022/1	Y8_S1	SS201	Calone	Axy-Mc	Axy-Mc				
SS2018Funakoshi10_	2018/1	10_S1	SS201	Calone	Axy-Mc	Axy-Mc				
9B31559_TS-AxyTrek	2021/1	SS202	9B315	Calone	TS-A	TS-A				
9B41860_TS-AxyTrek	2021/1	SS202	9B418	Calone	TS-A	TS-A				
9B41881_TS-AxyTrek	2022/1	SS202	9B418	Calone	TS-A	TS-A				
9B41863_TS-AxyTrek	2021/1	SS202	9B418	Calone	TS-A	TS-A				
9B12279_TS-AxyTrek	2021/1	SS202	9B122	Calone	TS-A	TS-A				
9B41901_TS-AxyTrek	2022/1	SS202	9B419	Calone	TS-A	TS-A				
9B41903_TS-AxyTrek	2022/1	SS202	9B419	Calone	TS-A	TS-A				
9B41904_TS-AxyTrek	2022/1	SS202	9B419	Calone	TS-A	TS-A				

Info

id: 1

uuid: 4c8e788e-b75c-4b3c-adf5-b2e8383f312b

Open Status: Open

rawFiles: 8_S1.csv

organismPosts: Streaked shearwater

instrumentPost: Axy-Movebank-Xmanager-2022May

instrumentPostId: 2010

Live Data

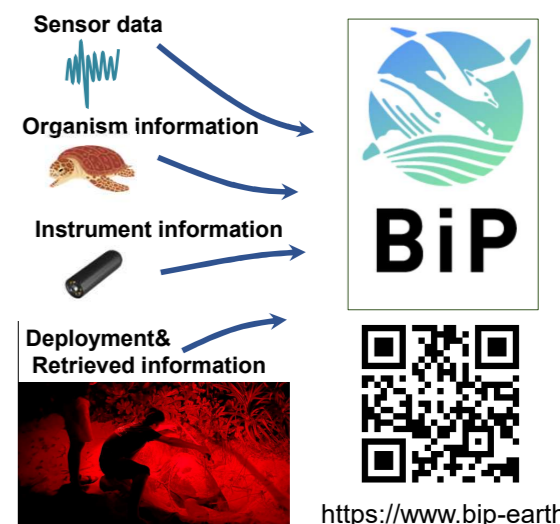
Registered users can view location data transmitted from ARGOS tags almost in real-time. If the data is open, anyone can monitor the location and condition of the animals.

Live Data

Category	Title	Nickname	Organism	Release	Updated	Sponsor	Owner	Open	Info
Open	9B41875_Axy-Movebz	9B41875	Streaked shearwater	2021/01/19	2024/02/27	Biologging S.	Katsufumi S.	Open	
Open	9B20336_TS-AxyTrek	9B20336	Streaked shearwater	2021/08/07	2023/10/11	Biologging S.	Katsufumi S.	Open	
Open	9B12279_TS-AxyTrek	9B12279	Streaked shearwater	2022/06/01	2022/06/01	Biologging S.	Katsufumi S.	Open	
Open	SS2018Funakoshi10_	SS2018	Streaked shearwater	2022/06/01	2022/06/01	Biologging S.	Katsufumi S.	Open	
Open	SS2018Funakoshi10_	SS2018	Streaked shearwater	2018/10/31	2024/02/27	Biologging S.	Katsufumi S.	Open	

Data standardization

Sensor data, including position, depth, speed, acceleration, temperature, etc., are stored with metadata as internationally recognized standard formats (Sequeira et al. 2021).



OLAP (Online Analytical Processing) tools

Users can compute environmental parameters, such as surface currents, ocean winds, and waves from data collected from seabirds. Algorithms published in some previous studies are integrated within the OLAP which can estimate the environmental parameters from uploaded data. We are improving OLAP functions and expanding analytical tools for future applications.

New Analysis

Analysis Method: Data Input Variables

Name	Create Date
bip_cal_waveheight	2022/11/20
bip_calwind	2022/06/01
bip_caloceancurrent	2022/06/01