

2022 NF-POGO-Eurofleets+ Visiting Fellowship for Shipboard Training

Fellowship Report

Name of Trainee: Luiza Reis de Souza

Name of Supervisor (Parent Institution): Abilio Soares Gomes

Supervisor (Host Institution): Susan Mærsk Lusseau

Dates of Training: 22 April 2022 to 06 May 2022

Section A

(To be completed by the fellow)

It is the responsibility of the trainee to forward this form to the host and parent supervisor, and to submit a fully completed version to the POGO Secretariat. Please note that the complete report will be made public on the OTP website; Private comments should be included in a separate confidential form.

1) Please provide a brief description of activities during the training period:

On board of RV-Dana, I watched the work of both the fish lab and the acoustic lab. In the first, I was able to compare different species of fish and help to measure them (length and weight), and observed the extraction of the otolith, used to determinate the age of the fish. In the acoustic lab, we used monobeam acoustic device to get paraments of fish schools such as their size and density. I also worked with some previous data of International Ecosystem Survey in Nordic Sea (IESNS), trying to understand the relationship between the size and age of blue whiting and their numeric occurrence in the sea.

2) What applications of the training received do you envision at your parent institution?

I hope to apply the knowledge in working with fishes in my PhD thesis, fishing for them to understand their use of seagrass banks here in Brazil. I also already have some experience with geoacoustics, and now I can apply my new knowledge to also work with schools and plankton.

3) Please provide your comments on the Fellowship Programme.

I am very grateful of the Fellowship Programme for the scholarship, and for all the help when I decided to come back earlier from the trip. I think it is a great opportunity for students to apply for it and learn new things, especially for students from countries in development, who not always have enough money in their parent institution to do research offshore.

PRINT NAME

Luiza Reis de Souza

Date: 31 / 05 / 2022

Section B

(To be completed by the host supervisor and returned to the trainee)

Please note that the complete report will be made public on the OTP website; Private comments should be included in a separate confidential form.

1) Please provide your comments on the performance of the trainee.

We were very pleased with the performance of Luiza. As a trainee she was curious and attentive and quick to grasp the concepts at hand and many interesting discussions were had. She got on very well with the scientific team as well as the ships crew and got engaged in some of the crews activities as well as all of the science aspects. Luiza was easy to instruct and lovely to work with all around. She is very studious and will do very well in her further degree work I am sure. Once she was familiar with the different tasks we carry out onboard she soon gravitated towards data analysis where she independently researched background material on the fish stocks we monitor and started looking at various aspects of their biology from our historical data collection. Because of her dedication, Luiza came away with a greater understanding of fish and their biology and how to monitor their abundance using fisheries acoustic techniques.

2) Is this exchange likely to lead to future collaboration with the trainee's parent institution? If so please give example(s) of how this collaboration may be pursued.

No formal collaboration has been initiated with the trainee's parent institution and it is unlikely it will at institutional level.

3) Please provide your comments on the Fellowship Programme.

This was the first exchange through the Fellowship Programme that I hosted, but it will not be the last. The Programme is a great way to give opportunities for hands-on practical training for researchers at all levels of their career who may not otherwise have access this kind of experience. Apart from being a unique way to get to experience hands on some practical research at sea it is also providing a platform for wonderful cultural, scientific and social exchanges and experiences. This benefit goes both ways. We certainly felt enriched by having someone from a different culture and scientific background join us for the trip and are all looking forward to the next exchange.

Susan M Lusseau

Date: 23 / 6 / 2022

SECTION C

(To be completed by the parent supervisor and returned to the trainee)

Please note that the complete report will be made public on the OTP website; Private comments should be included in a separate confidential form.

1) Do you agree with the above comments and do you have any additional feedback you wish to provide?

Regarding the specific tasks Mrs. Luiza carried on during her participation on board of Dana, we have no expectation of starting a collaboration directly linked with Louiza's dissertation project. However, since Luiza is going to be engaged in her PhD project in the near future, the possibility of a joint project or any kind of cooperative work is open.

PRINT NAME

Abilio Soares Gomes

Date: 18 / 07 / 2022