

Project Update: June 2021

Project Background

To preserve the legacy of Indonesia's rich biodiversity, early career conservationists must be armed with relevant practical skills and be knowledgeable, not only in their disciplines, but also to integrate knowledge from other fields to find novel solutions. Building their capacity is essential to the success of conservation programmes since the quality of human resources is a key to ensuring conservation goals are achieved. Therefore, we conducted a Conservation Camp, a series of training workshops to build the capacity of students and early-career conservationists.

Project Activities

Our programme is divided into two components: the camp and post-camp activities.

A. Conservation Camp

The Conservation Camp was conducted from 20-29 January 2020 in Bali Barat National Park. The details of the camp have been reported in the August 2020 Project Update

B. Post-camp Activities

Conservation Event

Between September 2020 and June 2021, three participants had hosted their post-camp activities (one person conducted two different events).

Date	Place/Platform	Number of attendees	Aim of activity
21 August 2020	Galaxy Coffee, Palu, Central Sulawesi	8	Introduction to Quantum GIS for biological research.
12 December 2020	Ecology & Animal Systematics Lab, Department of Biology, Tadulako University	23	Training how to write a grant proposal for research.
31 January 2021	Online via Zoom Meeting	33	Increasing knowledge on conservation challenges.
10 April 2021	Galaxy Coffee, Palu, Central Sulawesi	17	Sharing experience in attending Conservation Camp. Sharing how to write a grant proposal for conservation projects.

Conservation events hosted by Conservation Camp alumni



Quantum GIS workshop (21 August 2020)



Conservation Camp sharing and grant proposal writing discussion (10 April 2021)

Recording

Kelas Ekspedisi 2.0 "Nymphaea dan Konservasi"

Konservasi: Seluk Beluk dan Tantangannya

31 Januari 2021

Zoom Meeting

10618003 - Rafi Nu...

HIMABIO "Nympha..."

Andika Darmawan

Rifky Fauzan

Dhia Shofi Salsabihah

10618040_Ariq...

10618066 - Mu...

Annisa Cahya

Mutia Salsabiyla

Gerald Yudha

Zalfa Humaira

10618053_Imad...

Feren Rukmansa

Annisa Safura

10618062 - Febr...

10618033_Aulia...

10618072 - Ihd...

10618071- Ama...

Annisa

Nurul Izzati Gin...

Raissa Iskandar

tia

10618071- Ama...

Alifah Mufildah

Maria Adelia

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Challenges in conservation webinar (31 January 2021)

Mentoring

In order to ensure that the participants can implement what they learned in Conservation Camp activities, and to help them actively seek conservation career or start their own conservation project, we establish mentoring groups for all participants. The mentoring groups will provide personal and closed-group guidance by well-known

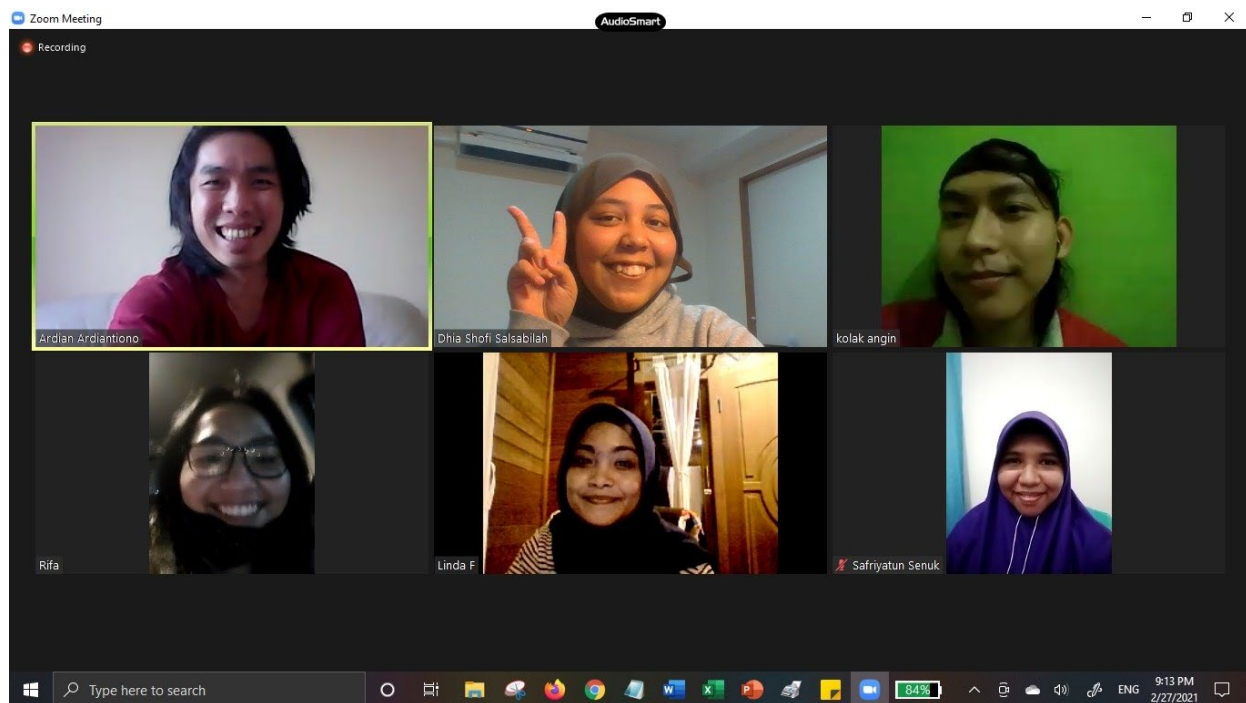
mentors from Tambora Muda through bimonthly virtual mentoring sessions, or one-on-one mentoring session if needed.

Between September 2020 to June 2021, each mentoring group have conducted at least one mentoring session. We elaborate the mentoring sessions of each group below (all mentors and mentees have agreed that we put the following screenshots for this progress report):

Mentoring Group 1

Mentor: Ardiantiono

- Session 4 (September 26, 2020)
One of the members, Shofi Salsabilah, presented about Journalism ethics that she learned from a recent training. The speaker for this meeting, Reza Septian, also talked about tips and tricks of writing a good article for conservation.
- Session 5 (February 27, 2021)
Updates from each member and sharing sessions about future plans and dreams.

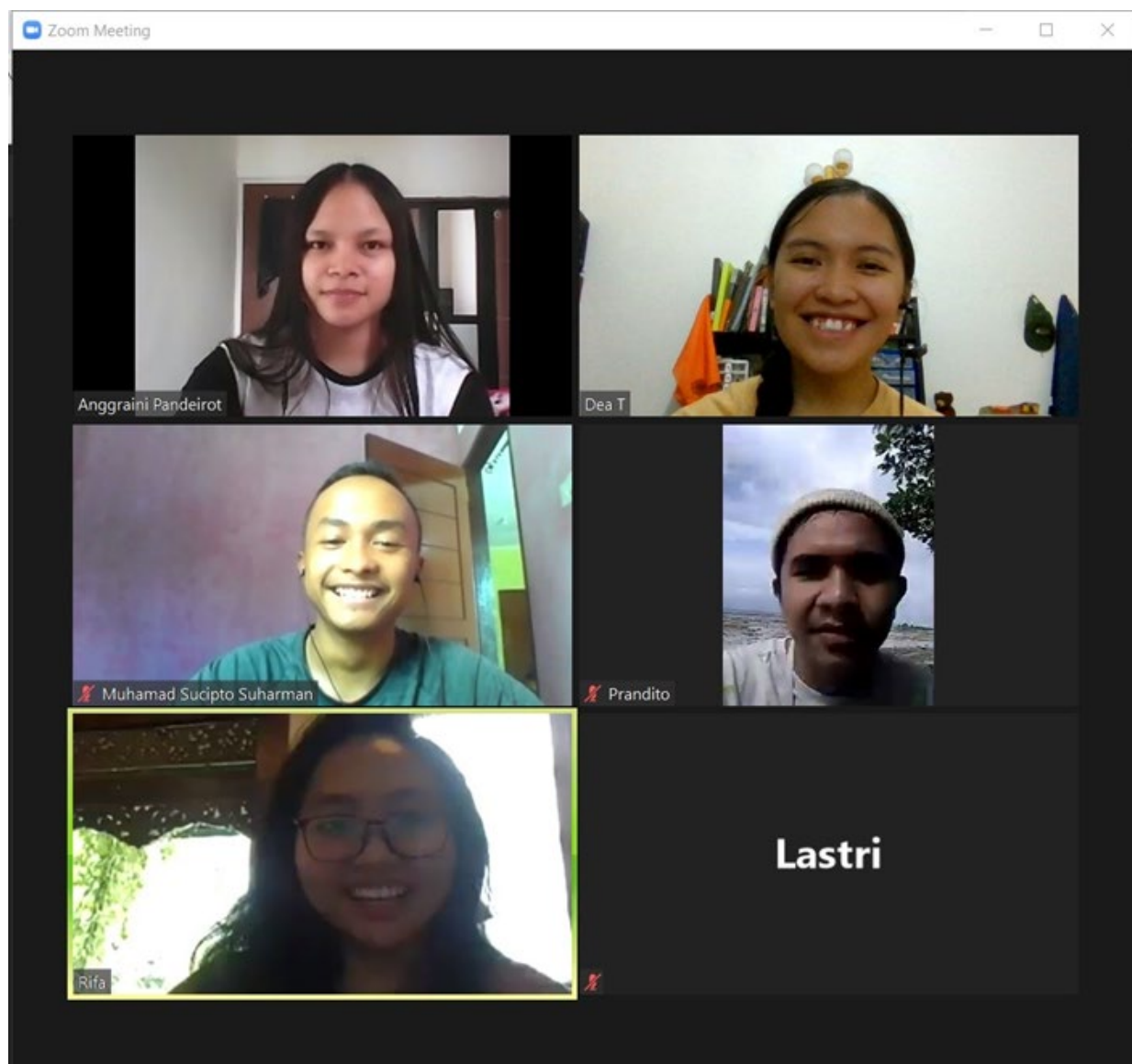


Mentoring Group 2

Mentor: Caroline Dea Tasirin

- Session 3 (September 20, 2020)
Conservation career: Anggraini Pandaerot shared about her activities in university and how she ended up working for WCS Indonesia Program as the

Database Operator. She talked about her activities managing all the incoming data from the field, and her activities going to the field as well.



Mentoring Group 3
Mentor: Sheherazade

- Session 3 (October 17, 2020)
Maxent for Species Distribution Modelling: Marsya Sibarani shared the basics of conducting species distribution modelling using Maxent, including a practical session with all members and how to interpret the results.

Mentoring Group 4
Mentor: Irhamna Putri Rahmawati

- Session 3 (September 20, 2020)
Training on Field Biodiversity Survey: Sasha Suryometaram provided a comprehensive field biodiversity survey training, including basics for ecological study, sample sizes, sampling method, and analysis.

Assessment

To assess the effectiveness of Conservation Camp in increasing the participants' knowledge and skillsets, we assigned them pre-camp survey in the first day of the camp and post-camp survey at the end of the camp. We have reported the results in the August 2020 Project Update. In addition, we also monitored the participants 6 months and 1 year after the camp. In this project update, we will briefly report the comparisons of the survey results.

This survey consisted of 40 items covering topics discussed during the camp. The participants were asked to score each statement with a Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree). Some examples of the survey items are:

- I know what Indonesian Biodiversity Strategy and Action Plan is.
- I understand the methods to estimate carbon stock.

Mean score pre-camp was 2,55 (SD = 0,70), while mean score post-camp was 4,03 (SD = 0,37) (Fig. 1). Six months and 12 months after the camp, the mean scores were slightly decreasing to 3.77 (SD = 0.63) and 3.86 (SD = 0.47), respectively, but were still higher than the pre-camp mean score (Fig. 1).

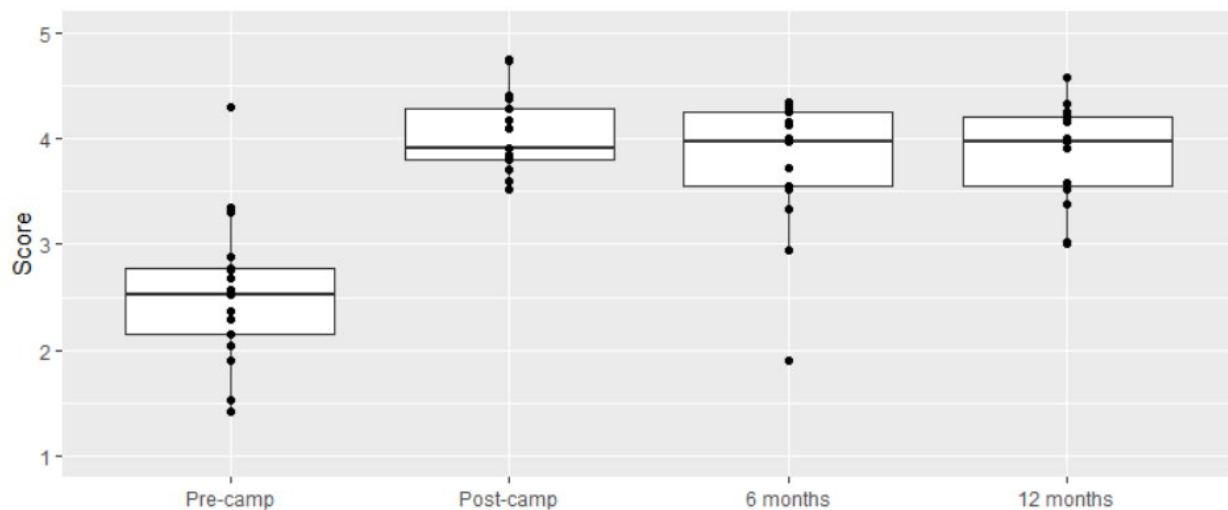


Figure 1. Boxplot showing the questionnaire scores of pre-camps, post-camp, 6 months, and 12 months after the camp. Each black dot corresponds to one individual participant's score.

Future Plan

The project was initially planned to last for 1 year (January 2020 to January 2021). However, due to the pandemic, the conservation events that were supposed to be hosted by the participants at their home place/university got delayed and we

extended the time frame to mid-2021. We will analyse the periodical monitoring questionnaires of the participants in more details, and we plan to publish our project as a short article in Conservation News section of the journal *Oryx*.