



MANGROVE EDUCATION PROJECT IN BEKASI REGENCY

Increased awareness of coastal communities on the benefits of mangrove forests

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain

Sarjana Sosial (S.Sos)

By:

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Betaria Uly Riski Sihaloho (016202000159)

FACULTY OF HUMANITIES

INTERNATIONAL RELATIONS STUDY PROGRAM

CIKARANG

JULY, 2023

FINAL PROJECT ADVISOR RECOMMENDATION LETTER

This final project entitled “**Mangrove Education Project In Bekasi Regency**” prepared and submitted by Betaria Uly Riski Sihaloho in partial fulfillment of the requirements of the degree of Bachelor of Arts in International Relations in the Faculty of Humanities has been reviewed and found to have satisfied the requirements for a final project fit to be examined. I, therefore, recommend this final project for Oral Defense.

Cikarang, July, 2023

Acknowledged and recommended by:


Muhammad Sigit Andhi Rahman.Ph.D

Final Project Advisor

PANEL OF EXAMINERS' APPROVAL SHEET

The Panel of Examiners declare that the final project entitled "Mangrove Education Project In Bekasi Regency" that was prepared and submitted by Betaria Uly Riski Sihaloho, Stepani Anjelina Silaban in International Relations in the Faculty of Humanities has been assessed and approved to have passed the Oral examination on 19th June, 2023.


The panel of Examiners:


(Muhammad Sigit Andhi Rahman.ph.D)

Chair – Panel of Examiners
Final Project Advisor


(Natasya Kusumawardani, S.IP., MProfStuds (Hons).)

Reviewer I


(Riski M. Basri, S.Sos., M.A.)
Reviewer II

STATEMENT OF ORIGINALITY

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Student ID number : 016202000159
Study Program : International Relations
Faculty : Faculty of Humanities

I hereby declare that my thesis/final project/business plan entitled " **Mangrove Education Project In Bekasi Regency**" is to the best of my knowledge and belief, an original piece of work based on sound academic principles. If there is any plagiarism detected in this thesis/final project/business plan, I am willing to be personally responsible for the consequences of these acts of plagiarism, and will accept the sanctions against these acts in accordance with the rules and policies of President University.

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(Betaria Uly Riski Sihaloho)

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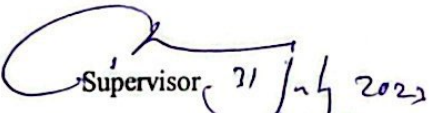
VALIDITY SHEET

Mangrove Education in Bekasi Regency

- 1. Activity** : Mangrove Education Project in Bekasi Regency
- 2. Field of activity** : Socialization and Mangrove Planting
- 3. Field of study** : Humanities
- 4. Advisors** : Muhammad Sigit Andhi Rahman.ph.D
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- 6. Team Members** : Betaria Uly Riski Sihaloho (016202000159)
- 7. Range of Time** : \pm 1 month
- 8. Source of Funds** : Personal, Donation and from Sponsor
- 9. Total Funds** : Rp3.581.000

Cikarang, July, 2023

Reported by,


Supervisor - 21 July 2023
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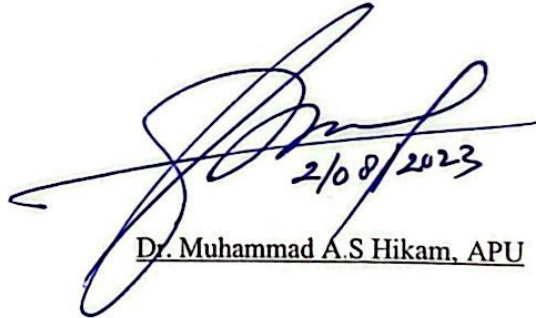
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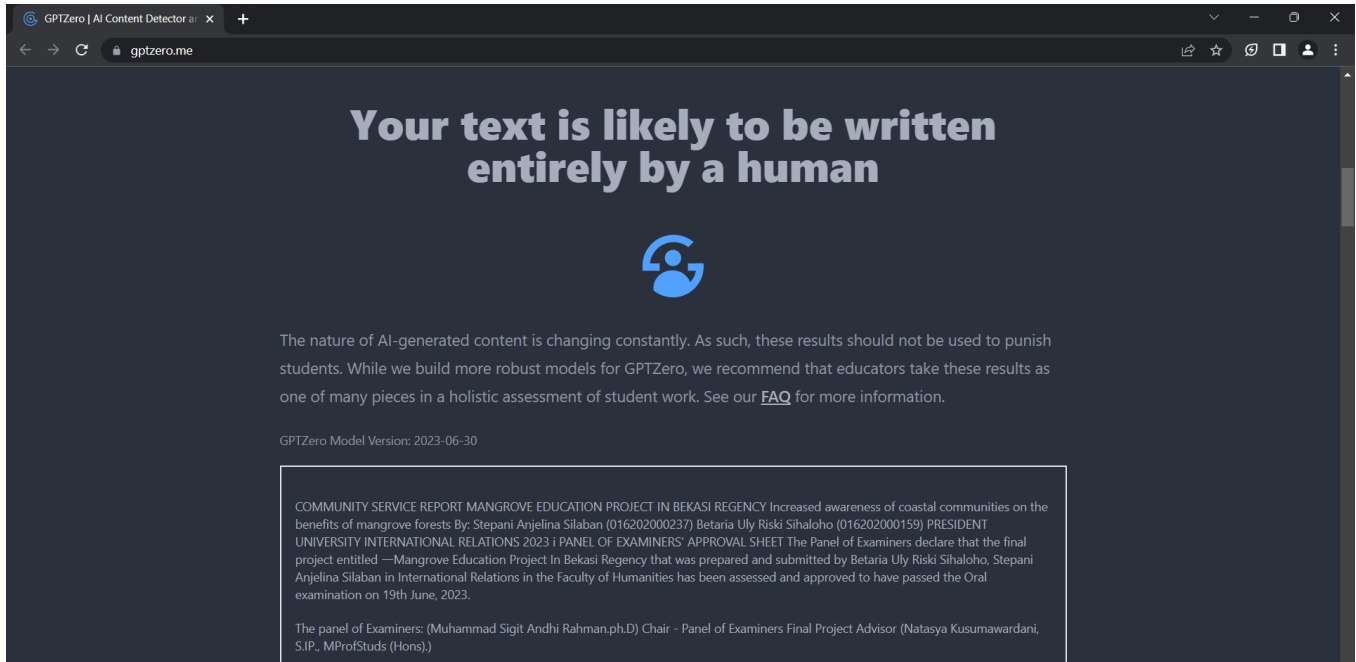
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ABSTRACT

During 1988-2022 the coastal area of Muara Gembong, Bekasi Regency, faced serious environmental threats in the form of severe abrasion and continuous flooding which would certainly threaten residential areas and the livelihoods sector of local residents. Muara Gembong sub-district as a whole has experienced 2400 hectares of abrasion, and until now there has been 25 cm per year of soil degradation in Muara Gembong. There are many factors for this problem, such as industrialization, pollution activities, conversion of mangrove ecosystems into non-forest areas such as settlements, destruction of mangrove wood for charcoal and ponds and excessive exploitation of mangrove products. However, there are also contributing factors to these problems, namely the lack of awareness of the Muara Gembong community about the importance of the mangrove ecosystem. This project aims to raise public awareness by providing knowledge about the benefits, impacts and methods of preserving mangroves to the community. Using an environmental education approach based on experiences from Kolb's learning cycle and a social media campaign, we are working with a local community organization (KEBAYA) to carry out outreach activities and planting actions. We planted 100 rhizophores at Pantai Bahagia with 20 Volunteers and carried out a virtual campaign through @Reforestationmangrove from March to May 2023. SDG 14 focuses on achieving the national goal of ocean ecosystems where mangrove ecosystems provide the continuity of various living things under the sea and surrounding areas, mangroves also help realize sdg no 13 because mangroves make a major contribution to climate change mitigation and adaptation, where mangrove forests have a carbon absorption capacity of 3 to 5 times better than tropical forests. Therefore, the Education Mangrove Project not only provides knowledge and raises awareness about the importance of protecting mangrove ecosystems to avoid various losses, but we also invite the community to participate in planting activities to maintain the existence of mangroves so that mangroves can be preserved forever.

Keywords: *Education Mangrove, Planting, Marine Ecosystem, Pantai Bahagia Village*

ABSTRAK

Selama 1988-2022 wilayah pesisir muara gembong Kabupaten Bekasi menghadapi ancaman lingkungan yang serius berupa abrasi yang parah dan banjir yang terus menerus terjadi yang tentunya akan mengancam wilayah permukiman hingga sektor mata pencaharian warga setempat. Kecamatan muara gembong secara keseluruhan telah terjadi 2400 hektar abrasi, dan sampai saat ini terjadi 25 cm per tahun terjadi degradasi tanah di muara gembong. Ada banyak faktor untuk masalah ini, seperti dari kegiatan pencemaran industrialisasi, konversi ekosistem mangrove menjadi kawasan non-hutan seperti pemukiman, perusakan kayu bakau untuk arang, dan tambak serta eksploitasi hasil mangrove yang berlebihan. Namun, ada juga faktor penyebab dari permasalahan tersebut, yaitu kurangnya kesadaran masyarakat Muara gembong akan pentingnya ekosistem Mangrove. Proyek ini memiliki tujuan untuk menumbuhkan kesadaran masyarakat dengan memberi pengetahuan tentang manfaat, dampak dan cara pelestarian mangrove kepada masyarakat. Menggunakan pendekatan pendidikan lingkungan berbasis pengalaman dari siklus belajar Kolb dan kampanye media sosial, kami bekerja sama dengan organisasi masyarakat setempat (KEBAYA) untuk melakukan kegiatan sosialisasi dan aksi penanaman. Kami menanam 100 rhizophora di Pantai Bahagia bersama 20 Volunteer dan melakukan kampanye virtual melalui @Reforestationmangrove dari bulan maret sampai ke bulan mei 2023. SDG 14 yang berfokus dalam mencapai tujuan nasional ekosistem lautan dimana Ekosistem mangrove memberikan kelangsungan berbagai makhluk hidup yang ada di bawah laut dan sekitarnya, mangrove juga membantu mewujudkan sdg no 13 karena mangrove memberikan kontribusi yang besar dalam mitigasi dan adaptasi perubahan iklim, dimana hutan mangrove mempunyai kapasitas penyerapan karbon 3 sampai 5 kali lebih baik dibandingkan hutan tropis. Oleh karena itu, Education mangrove Project tidak hanya memberikan pengetahuan dan meningkatkan kesadaran mengenai pentingnya menjaga ekosistem mangrove untuk menghindari dari berbagai kerugian, tetapi kami juga mengajak masyarakat untuk turut serta dalam aksi penanaman untuk memelihara keberadaan mangrove agar mangrove tetap dapat dilestarikan seterusnya.

Kata Kunci: Edukasi Mangrove, Penanaman, Ekosistem Laut, Desa Pantai Bahagia

ACKNOWLEDGEMENT

By giving thanks for the Blessing of convenience from Jesus Christ that was given to me, I am able to complete the Final Project Report with the title: Mangrove Education in Bekasi Regency. This is to fulfill one of the requirements and complete studies to get a Bachelor's degree, at President University. Me as writers would like to express my deepest appreciation to the following:

1. My family, who always support and trust me. My father (Eriston Sihaloho,SH) who gave a lot of advice in education and material support, and my mother (Evelina Sitorus) who always support and give the best advice and don't forget too, My beloved Sister and brother (Imelda Violenta Sihaloho, Ruth Melisah Sihaloho, and Daniel Halomoan Sihaloho) who always accompany, encourage under any circumstances, and always prayed for the success of my Final Project.
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It is because of their kindness and wisdom the author was able to finish this project report. The author realizes that this report is still far from perfection. Therefore, all criticism and suggestions are highly expected to make this report even better. Finally, the author expresses gratitude and hopefully this report can provide benefits, as well as knowledge for all readers.

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