

The Role of English Department Students in Fostering Maritime Environmental Awareness

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Abstract. The purpose of this research is to explore the role of English majoring students in fostering awareness of the maritime environment and to increase understanding and actions that support the conservation and preservation of the marine environment. This research is based on a literature review, where the researcher will use secondary data sources to search and find the latest research. The research is conducted in the form of a situation analysis, summary, and author's thoughts about several literature sources that exist and are processed to provide a comprehensive picture of the role and concern of English department students in raising cultural awareness in the sea environment, where in fact we often encounter a lack of awareness around the sea. The literature review in this research was conducted to learn how to conserve mangrove ecosystems. The outline that can be found is that community service activities carried out in Tanjungpinang city, Indonesia, succeeded in increasing public understanding and awareness about the importance of preserving coastal areas, especially mangrove ecosystems.

1 Introduction

Indonesia has a very large Indonesia has a very large maritime area so that a role is needed to welcome the growth of high awareness in order to maintain the preservation of a large enough sea area. One of the elements in Indonesia that has the opportunity to strive to protect the growth of awareness of the maritime environment is students. Especially for students majoring in English [1].

There are several protective reasons for individuals to be concerned about the marine environment, according to English students. Here are few explanations for why English instructors, in this case, have a significant perspective: Global communication and Global communication proficiencies the capacity of English speakers to converse in a language that functionas as a universal tongue. Thanks to this, they can now communicate with people from different religious groups and ethnic backgrounds, including activists and global experts. It is an essential tool for spreading awareness of issues related to the marine environment around the world. English speakers often have a deeper knowledge of how to use social media and today's technology [2]. They can effectively share information,

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campaigns, and community updates through digital platforms, thus reaching a wider audience. The main characteristic of an English master is his ability to write and edit texts. They are able to produce high-quality educational materials, provide information on maritime issues in an easy-to-understand language, and translate important documents into several languages, thus enabling the dissemination of maritime information to a worldwide audience. Participation in the International Diplomatic Environment, English-speaking people can participate in international diplomacy [3-8].

They are able to assist in drafting, writing, and editing official documents as well as participating in international conferences to raise issues related to the marine environment in a global platform. The capacity to comprehend environmental processes and problems, one's level of concern for environmental quality, and one's level of commitment to environmental conservation are all considered components of environmental awareness. Ordinary environmental behavior it was thought to be human. Link between the environment and is comprised of three dimensions: understanding and conduct. Being conscious of the environment is said to be crucial to the sustainability of the ecosystem. As an illustration that public awareness and environmental understanding are key elements determining environment management and policy [1,9-12].

The following is a form of cross-cultural understanding English study that often involves students from various global perspectives and daily. This may make them more sensitive to culture-related issues and may encourage collaboration among culture-related groups in the interest of conservation. As a result, English speakers have a unique combination of language proficiency, communication skills, and global awareness, which keeps them motivated to take action to encourage the general public to be more sensitive to the marine environment and take part in long-term efforts. environmental sustainability terms.

Overall some of these articles provide a comprehensive overview of the role and concern for raising awareness of the maritime environment, "Marine environmental awareness among university students in Taiwan: a potential signal for sustainability of the oceans"[1], "Student Efforts in Realizing State Defense in the Maritime Security Sector"[2], "The Role of General English and Maritime English in Increasing Cultural Awareness of Maritime Students Education and Training Institutions"[3], "Motivation and Expectations of Students Who Take Maritime Education" [4], "Building a Community Caring for the Coastal Environment through Education to the People of Tanjungpinang City Related to Coastal Area Preservation" [5], "The Role of the Indonesian Maritime Youth Movement in Building Maritime Human Resources on Tunda Island" [6] , and "The Role of Social Media in Building Maritime Awareness in Generations X, Millennials, and Z in the Digital Era" [7].

Various aspects that we examined regarding the correlation between students majoring in English and the maritime environment ranging from efforts to defend the country in the maritime security sector and students have an important role in that and Indonesia as a potential maritime country. mention in their work: "Regarding security, Indonesia as a maritime country has the potential for marine resources that can have positive impacts as well as negative impacts that can pose a threat to maritime security and national security." [2]

Also, regarding the aspect of English students can play an important role in the development of environmental literacy among the community. They can use their communication skills to disseminate information about maritime environmental issues, such as marine pollution, fisheries sustainability, or the preservation of marine ecosystems.

English students can be involved in counselling and environmental education programs in schools or local communities. They can help explain environmental issues to people who may not have an understanding of a foreign language. English is a global language used in

many environment-related international forums, such as conferences and meetings. English language students can facilitate communication between countries in an effort to protect the maritime environment [13-15].

"How to increase seafarers' English proficiency while also addressing the issue of rising CA among students in maritime education and training institutions." Developing one's linguistic abilities would help one implement organizational and professional cultures more effectively. The courses that are suggested to be studied at METIs would also help mariners learn about each other's national cultures, particularly in regards to religions, which would foster respect for one another's cultural heritage. That would help foster positive relationships within the ship, which would improve productivity and prevent mishaps." [3]

Students can use English to express their ideas about the preservation of the maritime environment. This can involve writing an English-language essay, opinion, or art project that highlights environmental issues and solves those problems, looking for solutions and then approaches to the maritime environment [8]. An interest in the sea, ships, and marine life is often a motivation for students pursuing maritime education. They may have a strong natural interest in the maritime environment. Students studying the marine environment and underwater ecosystems will develop a deep environmental awareness. They will better understand the importance of keeping the ocean clean and preserving underwater ecosystems [4]. Service activities carried out to solve these problems are by conducting education/community education which aims to increase public understanding and awareness of the importance of preserving coastal areas.

English students often have knowledge of information technology and social media. They can use this platform to disseminate information, education, and awareness about maritime environmental issues to the wider public. *Community service activities carried out to solve this problem are by conducting community education which aims to increase public understanding and awareness about the importance of preserving coastal areas* [5].

This research is aimed to identify, radiate, and support the role of English major students in building maritime environmental awareness and to increase understanding and actions that support the conservation and preservation of the marine environment. One of the main objectives is to support the sustainability of the maritime environment. Research can evaluate students' contributions to concrete actions that promote the preservation of marine ecosystems, improved coastal management, plastic waste reduction, or sustainable fisheries practices.

2 Method

2.1 Types and approaches

The type of research method used is library research or literary research [9], in which researchers rely on various publications to obtain research data and uses qualitative methods because the data is generated in the form of words or descriptions. Library research or literary research is research where the place of research is the library or literature. In this study, research was conducted using similar or related studies. After collecting various publications related to the research under study, the researcher conducted observations through various library information from books, scientific journals, digital data, documents, etc. to analyze information related to the role of English department students in fostering maritime environmental awareness.

2.2 Data Sources

Data sources are one of the things that can support research. This research data sources are operationally classified into two types: primary data and secondary data. Researchers collect primary data directly (from firsthand sources), whereas secondary data is obtained from existing sources. Here the researcher will use secondary data sources, considering that this research is analyzed using a literature study, where the researcher will look for information related to the role of English department students in fostering maritime environmental awareness through scientific journals, documents and sources that already exist and are processed to Search and find the latest research.

The data sources that we use in this research to provide a comprehensive picture of the role and concern for increasing awareness of the maritime environment are several articles "Marine environmental awareness among university students in Taiwan: a potential signal for sustainability of the oceans"[1], "Student Efforts in Realizing State Defense in the Maritime Security Sector"[2], "The Role of General English and Maritime English in Increasing Cultural Awareness of Maritime Students Education and Training Institutions"[3], "Motivation and Expectations of Students Who Take Maritime Education"[4], "Building a Community Caring for the Coastal Environment through Education to the People of Tanjungpinang City Related to Coastal Area Preservation",[5] "The Role of the Indonesian Maritime Youth Movement in Building Maritime Human Resources on Tunda Island"[6] , and "The Role of Social Media in Building Maritime Awareness in Generations X, Millennials, and Z in the Digital Era"[7].

2.3 Data Collection Technique

Here are the data collection methods and instruments utilized by researchers. The data gathering strategies employed in this study are classified into two types: primary data and secondary data [11].

1. Primary Data. The primary data source for the study is observation data. The systematic observation and recording of the symptoms under study is known as observation. Observation is a data collection strategy if it is:
 - (a) conducted in line with the research objectives,
 - (b) planned and documented in a systematic manner, and
 - (c) restrictions and validity can be controlled.
2. Secondary Data. Secondary data is data that is already available and requires only a search and collection. Several considerations must be made in order to obtain the correct data and achieve the research objectives, including the following:
 - (a) The type of data must be consistent with the research objectives that we have established.
 - (b) Because the secondary data necessary emphasizes quality and applicability rather than quantity, researchers must be judicious and cautious in selecting and using it.
 - (c) Because secondary data is typically used to supplement main data, we cannot always rely solely on source data to address research problems.

The secondary data used as one of the data collection techniques in this research is literature review. Literature Review is a systematic, explicit and reproducible data collection technique for identifying, evaluating and synthesizing research works and ideas that have been produced by researchers and practitioners. The literature review in this research is in the form of a review, summary and author's thoughts about several literature sources related to the role of English department students in fostering maritime environmental awareness [11].

3 Result and Discussion

3.1 The Role of students in the maritime environment

Students are young intellectuals who hold positions and roles as social and environmental watchdogs, change agents, and potential future leaders. In the life of the nation and state, students cannot be separated from the social phenomena that exist in society. The education that students receive in higher education institutions deserves them to develop their abilities and knowledge to contribute to their country and state and no longer prioritize themselves. To determine the direction of struggle and contribution of students, it is necessary to clearly define the role, function, and position of students. The important role of students as change agents, specifically as change agents, guardians of values, heirs to the nation, moral forces and controllers of society [12].

Likewise, English Department Students are more likely to make efforts to bring about change or become change agents, because English Department Students have international communication skills. English is a very important communication tool in educational and intellectual life because English is a commonly used international language. The era of globalization marked by free trade has had an impact on people's lives as well as education in Indonesia. (edi) The ability of English speakers to communicate in a language that functions as a universal language. With this, they can now communicate with people of various religious and ethnic groups, including activists and global experts. This is an important tool to raise awareness of maritime issues worldwide. Using social media and technology, English speakers often have more in-depth knowledge of how to use social media and technology today. They can share information, campaigns and community updates effectively through digital platforms, reaching a wider audience.

In their case study, it said that students play an important role for the Indonesian nation and state as agents of change, guardians of values, sources of iron or generation Next, moral power and social control. As a large maritime nation, students can protect the country by trying to restore Indonesia's identity as a maritime nation [2]. It is important that students take on their role in the maritime environment. Because until now, maritime education has received little attention from the Indonesian government [13]. This study presents a research project focusing on the role of English students in raising awareness of the maritime environment, English as a language of instruction in a broad context for immediate communication both in the maritime environment and is more effective than English in today's marine environment. This is important because it is more effective in raising awareness about issues related to the marine environment.

3.2 The Role of English Department students in the maritime environment

We discussed the role given by students majoring in English in raising awareness in the maritime environment, where in fact we often encounter a lack of awareness around the maritime environment. If we reflect on the title we have chosen, actually the maritime

environment tends to be related to environmental conditions, who lives in the area, as well as visitors to the area, the environmental ecosystem, security, maritime resources and others.

As we know, English students have a significant role in connecting the international maritime world. They not only have strong English language skills, but also knowledge that can be used to address complex issues related to the maritime environment. Through research, communication, and advocacy, they can promote maritime awareness, influence policy, and contribute to global ocean conservation efforts.

These communication skills have a correlation with intercultural relations, including those involved in international maritime affairs. This can increase cross-cultural understanding and facilitate better cooperation. All this will lead to the acquisition of internationalism among students comparable to international work experience among adults [3].

3.3 Activities from English students that can have an Impact on Increasing Public Awareness of the Maritime Environment

Indonesia is known as an archipelago, this can be seen from the many Indonesian islands, islands separated by the sea, because most of Indonesia's territory is the ocean, by looking at these geographical conditions Indonesia is also known as a maritime country, a maritime country that has aspects of excellence in various fields, this is one of the factors that the Indonesian state can develop well, this development cannot be separated by the role of the government, and the people of all Indonesia.

In the role of society in the scope as a student has an important position in every change that exists in Indonesia. students are the younger generation who have the ability to contribute to this country, because with the knowledge and knowledge gained in lectures can be applied to the lives of the people around. The knowledge and knowledge gained by students is a tool to always develop new ideas, thus leading to innovations that will develop continuously, over time changes must be felt by following the times that exist with the growth of generations who are intelligent and highly dedicated to the country to advance to better development. In applying the knowledge and knowledge of students obtained in carrying out education, students have the ability to realise ideas that can be used in everyday life, with that students can become a young generation that is always dedicated to the country with changes from the smallest to the largest.

Current developments are quite rapid in making movements for change in Indonesia, one of which is in the maritime sector, this sector can be one of the focuses because, Indonesia stands out in this maritime-based sector, therefore as a society must know the importance of protecting the environment in terms of maritime so that the maritime sector is advancing rapidly, before knowing the importance of protecting the environment in terms of maritime every society must have awareness for this, of course this cannot be separated from the role of students.

Based on the results of research conducted by English education students, there are activities that can have an effect that can increase public awareness of the maritime environment, such as knowledge activities, namely "People oriented" with this students can educate the public about maritime issues [6] that can advance the economy, especially coastal communities, with the holding of educational activities on maritime issues can build awareness of how important it is to protect the maritime environment, after educating coastal communities who have opportunities in the maritime field [6]. Students also invite the community to participate in a creativity programme to make miniature ships that can be sold, This can increase the income of people who have this creativity, but in this program it is not only about the economy but unconsciously fosters maritime involvement in people's

lives, other activities realized by students are not only for teenagers and adults, but entering children [6]. Students also invite the community to take part in a creativity programme to make miniature ships, this can increase the income of the community that has this creativity, but in this programme, it is not only about the economy but unconsciously fosters maritime involvement in community life.

Other activities realised by students are not only for teenagers and adults, but entering children, students can carry out "summer camp" activities this activity is carried out to foster awareness of the maritime environment from a young age, such as sharing stories about what is at sea, cleaning up garbage around the beach, In addition to the "summer camp" program, there are also activities to play while learning, regarding the maritime environment, namely the Engklek game which was realised by the children, this game was created so that children know the kinds of animals and plants that are on the beach, knowing the dangers of waste for the environment, especially the maritime environment from this activity the children have values to protect the maritime environment [14].

The influence of the activities implemented by these students can be a change that can build awareness of the maritime environment, activities related to progress in the maritime sector have an important role for the community, so that there is progress awareness of the maritime environment so that it will create a sense of belonging to the environment as a community, and foster the development of more advanced innovations to build the maritime environment [15].

These communication skills have a correlation with intercultural relations, including those involved in international maritime affairs. This can increase cross-cultural understanding and facilitate better cooperation. All this will lead to the acquisition of internationalism among students comparable to international work experience among adults [3].

3.4 Activities from English students that can have an Impact on Increasing Public Awareness of the Maritime Environment

Furthermore, other efforts that have been made by English students in increasing awareness of the maritime environment are in the form of educational organizations and communities such as holding several seminars to local communities in order to further expand their understanding. The activities involved conducting seminars to raise awareness and provide information about the negative impacts of mangrove ecosystem damage. The success of the activities is demonstrated by the community's willingness to sign environmental pledges [5].

The method used in this community service activity consists of four stages, namely situation analysis, literature review, preparation, and implementation.

1. Situation analysis is carried out to understand the types of problems to be addressed in the education program to the community related to coastal area conservation. The problem identified is the smaller area of mangrove forests in coastal areas.
2. A literature review was conducted to learn how to conserve mangrove ecosystems. Through literature review, researchers can obtain the information and knowledge needed to compile educational materials for the community.
3. Preparation includes the preparation of material to be delivered in education to the community. This material is designed to increase public understanding and awareness of the importance of coastal area conservation.
4. The implementation is carried out through seminar activities aimed at the people of Tanjungpinang city. This seminar was guided by the moderator and involved three speakers who have expertise and experience in the field of environmental conservation, especially mangroves. The speakers educated the community about the importance of

preserving mangroves and gave directions on how to plant mangroves. By using this method, it is hoped that the community can increase their understanding and awareness of the importance of preserving coastal areas, especially mangrove ecosystems.

It highlights the successful execution of the seminar on coastal preservation, which was attended by various stakeholders including government officials, environmental activists, teachers, and students from different universities in Tanjungpinang city. The section also mentions the three speakers who provided education and guidance to the participants. These speakers included a Corporate Social Responsibility (CSR) Manager from Banyan Tree, a Coordinator of Marine Biology Study Group, and the Head of the Rehabilitation Section of the Regional River Basin and Protected Forest Management Agency (BPDASHL).

The outline that can be found is that community service activities carried out in Tanjungpinang city, Indonesia, succeeded in increasing public understanding and awareness of the importance of preserving coastal areas, especially mangrove ecosystems. Through the seminar held, information and knowledge about the negative impacts of mangrove ecosystem damage were successfully conveyed to the community. In addition, this activity also succeeded in inviting the community to be involved in mangrove conservation efforts through the signing of environmental commitments.

For another reason, the need for education and collaboration between academics, government, and the community in preserving mangrove ecosystems. The article also highlights the importance of sustainable conservation efforts and the need to continuously increase public understanding and awareness of the importance of coastal area preservation. Not only that social media can also help play a role in disseminating that mean social media has great potential to be an effective tool in spreading conservation and educational messages about marine and coastal ecosystems [7].

4 Conclusion

English department students are essential in bringing attention to Indonesia's marine environment. They might be moral pillars, change agents, and defenders of ideals in the community. They can support collaboration and cross-cultural understanding in international marine affairs by applying their communication abilities and incorporating cultural problems. Public awareness of the marine environment may be raised through the initiatives and activities of English students, such as seminars and educational groups. It's critical that students understand their place in the growth and preservation of Indonesia's marine industry.

References

1. C. L. Chen and C. H. Tsai, *Environ. Educ. Res.* **22**, 7, 958–977 (2016).
2. A. Nahdliya Puspita, Widodo, A. Rivai Ras, P. Widodo, H. Juni Risma, and Saragih, J. *Kewarganegaraan* **6**, 1, 983–991 (2022).
3. A. Tenieshvili, **29–39** (2021).
4. Y. Y. Lau and A. K. Y. Ng, *WMU J. Marit. Aff.* **14**, 2, 313–331 (2015).
5. E. Oprasmani, T. Amelia, and E. Muhartati, *To Maega J. Pengabd. Masy.* **3**, 2, 66 (2020).
6. D. R. S. Dian Fitriyani Agustin and Nastiti Setia Utami, **1–23** (2020).
7. I. -, M. H. Riana, and L. M. Fathun, *KYBERNAN J. Ilm. Ilmu Pemerintah.* **12**, 1, 23–34 (2021).
8. M. A. Micalay-Hurtado and R. Poole, *J. World Lang.* **8**, 2, 371–390 (2022).

9. R. Sri Rahayu, **1**, 4, 149 (2018).
10. K. W. Andriani, Ekuitas J. Pendidik. Ekon. **4**, 1, 54–69 (2018).
11. Suryana A, Metod. Penelit. Kualitatif, **17**, 43 (2017).
12. F. Jannah and A. Sulianti, ASANKA J. Soc. Sci. Educ. **2**, 2, 181–193 (2021).
13. N. E. K. Hindrasti, J. Penelit. Pendidik. IPA **7**, 3 (2021).
14. I. O. Utami, S. Wulan, and H. Hapidin, J. Obs. J. Pendidik. Anak Usia Dini **7**, 2, 2400–2412 (2023).
15. K. A. Safitri, **8**, 1 (2020).