

ABSTRACT

Rosadi, Hicma Edwin. 2013. **The Center of Green Turtle Conservation in Derawan Island, East Borneo.** The Advisors Aulia Fikriarini M, M.T, Ernaning Setiyowati, M.T and Luluk Maslucha, M.Sc.

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The green turtle is a kind of reptile animal which is the habitat is in the sea territory along with the turtle able to survive to immigrate in the longest distance on the whole Hindia Ocean, Pasific Ocean and Atlantic Ocean territory. The population was already threatened because of natural factor. Eventhough, it caused by human error activities which is threaten and risky for the population habitat directly or indirectly. As we know that, Islam have already learned about thic case to the human life through Holy Al-Qur'an and also Hadits. In this case, for maintaining the continuance or sustainable of the earth, with all of the diversity hayati in concerning life, our God facilitate the earth with circulations of season, rain, cloud, and wind in a right proper (QS. al-Fathir (9): 27-28, Yasin: 33-34, Rum:48, Qaf:9). All of the purpose of that is only for human delightment on the earth. But, it needs to remember that the source of nature has limitation. So that, as a human being we need to protect and consider as well. One of the example is like consider the conservation of green turtle for balancing our nature life from destruction.

Beside that, Derawan Island as one of the particular tourism place which has choosen by the researcher for the next step planning design program that so many people or tourist visit there. This place as one of the green turtle conservation in Kalimantan where is include of the habitat of the green turtlre itself. Nowadays, in Derawan Island is only concern in the conservation area support with some additional facilities for tourism activities. However, the facility for conservation in specific program is not available yet. So that, this is the reason why the concept of green turtle conservation place designed by the researcher is for accomplish the expectation that the place is being one of the particular conservation area to make the society around it more aware and concern about the protection of green turtle existence and also prevent it from the destruction. While we pay attention of how green turtle life and survive in their environment, which is has their own spesific criteria and characteristic. So, the *Biomimetic Architecture* choosen as the theme concept of the center green turtle conservation area in Derawan Island. In conclusion, the applying concept which taken from the system, process and function of green turtle for create the harmonization between the building places and the environment with use the consideration of function and also the theme aspect.