



## **Butterfly Biodiversity Public Lecture and Its Conservation Efforts**

Faculty of Biology, University of Medan Area (UMA) held a public lecture with the theme "Butterfly Biodiversity & Conservation Efforts" on Monday, October 7, 2019 which was held at the Convention Hall of Campus I, Medan Area University.

The public lecture was attended and opened directly by the Rector of Medan Area University, Prof. Dr. Dadan Ramdan, M.Eng, M.Sc, Vice Chancellor for Academic Affairs Dr. Ir. Hj. Siti Mardiana, M.Sc, Deputy Chancellor for Collaboration Dr. Ir. H. Zulheri Noer, MP.

Also present was the Dean of the Faculty of Biology Dr. Mufti Sudiby, M.Sc, Vice Dean of Bid. Academic, Dra. Sartini, M.Sc, Vice Dean of Bid. Student Affairs Abdul Karim, S.Si, M.Sc, Chair of GreenMetric, Ida Fauziah, S.Si, M.Sc and Biology Faculty lecturers and Biology Faculty students.



This public lecture presented speakers from Syiah Kuala University, Dr. Suwarno, M.Si who is very experienced in butterfly conservation efforts.

The first program was a speech from the Medan Area University Chancellor, Prof. Dr. Dadan Ramdan, M.Eng, M.Sc. In his remarks he explained "the public lecture aims to increase students' insights about butterflies, their types, and how to take conservation, considering the habitat of butterflies that have started to become extinct, UMA has also made a breeding of butterflies, but it seems that it is not yet optimal, therefore the need for guidance in the conservation of these butterflies ", said Prof. Dadan. Then the program continued with the prayer led by Dr. Hasrat Effendi, MA.

In his explanation, Dr. Suwarno, M.Si explained what is the purpose of conservation of these butterflies, "These butterflies are unique, beautiful, attractive, colorful, useful, and also economical, in terms of economics, butterflies have a species that has a value of 4 million rupiah per tail. of course, every advantage, butterflies also have shortcomings that are threatened with extinction ", he explained.



He also explained morphologically, species, taxonomy, differences between daytime butterflies and butterflies at night, the life cycle of butterflies, and how their conservation efforts were through feeding.

Dr. Suwarno, M.Sc also explained what needs to be done in butterfly conservation as well as butterfly habitat threats. "The need for rescue from the community, NGOs, and the Government in conducting education and research as well as action / conservation, as well as regulations, laws and management that need serious attention by the government," he said.



The event was closed by conducting a question and answer session by students and also Dr. Suwarno, M.Si provided additional material in the form of technical guidance related to tips and steps in conducting butterfly breeding that is good and right.

