

# Regional use and globalization of the mangrove forest ecosystem in Riau Archipelago, Indonesia. —Put experience in Indonesia FS—

2<sup>nd</sup> year student  
INDONESIA Field School

Research Area : Republic of Indonesia

Yukari HARADA

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## Background and objectives of your research

Recently, a rapidly deforest tropical forests is serious problem unexceptional on the mangrove forest ecosystem. The decrease rate of the mangrove forest became 31% in 2000 in Indonesia compared with 1980 because of an increase in the fishpond, shrimp pond etc. Then, I choose Republic of Indonesia Riau Archipelago where a still rich mangrove forest ecosystem remains now though the influence of the globalization is received. The coexistence of the mangrove ecosystem and man has been approved in this region. So it aims to present one example in the coexistence of nature and man in the present study.



Picture.1 Coexistence of Mangrove and Human

August 13 - October 15 in 2009, on Batam island of Riau islands state in Republic of Indonesia, I investigated outline of the villages and the present the mangrove utilization by interview and tree census.

As a result of the investigation, the charcoal kilns of the number that exceeds 200 still be now in the Batam island and every factory manufactured mangrove charcoals. That voice was impressive, “the use of mangrove forests such as making charcoal is a traditional culture and essential for lives. Therefore, we do not fear the law.” Batam island is an industrial town. However now there are a lot of people who are using the fishery resources and the forest resources as an occupation and where the spectacle in mangrove forests is used as tourist resources. There is suggestion that necessity thinking how to be going to protect mangrove forests to defend the life of people who had supported the Batam island in the future was suggested.



Picture.2  
Cutting Mangrove for making charcoal



Picture.3 Charcoal kilns