

Research Findings Seminar

“The Role of Information and Knowledge of Warning Weather in Marine Access Behavior: A Field Experiment in Coastal Area of Bangladesh”

(in English)

Presenter: Mr. HASAN Khan Mehedi (PhD Student)

Date: 17 April 2020 (Friday)

Time: 10:45 – 11:30

Venue: ZOOM Meeting (Registration link:
<https://lingnan.zoom.us/meeting/register/uJ0pc-yupz8jBejh6d0JPDLXzXQzIglKGw>)

Chief Supervisor: Prof. HONG Fuhai (Associate Professor)

Co-supervisor: Prof. CROZET, Matthieu Daniel (Associate Professor)

Abstract:

The world's largest mangrove forest named Sunderban is located in the Bay of Bengal. Coastal community of Khulna district has high dependency on Sunderban for its richness of aqua and forest resources. For resource extractions, millions of people enter the Sunderban all the year round. About 13-14 cyclones are formed in the Bay of Bengal each year which are threats for coastal households and very risky especially for people who enter the Sunderban. Deficient, delayed and confusing warning weather information can cause higher access in the Bay of Bengal even during warning signal periods. In the similar way, lack of knowledge on warning weather can also increase risky marine entry. In this context, easy availability of warning weather information and knowledge development may help households in making right decisions about marine access during warning periods. In repeated experiment settings, using micro level survey data in the coastal area of Bangladesh, we show that receiving on time weather information significantly reduces households' marine access in warning signal time, if information is received from a reliable source. Information from unknown sources does not affect marine access significantly, might be because of distrust. In the similar manner, receiving training on warning weather also significantly reduces marine access during warning weather but the effects fades out over time. On average, receiving both treatments (information and training) seems to have a higher impact on reducing marine access than solely receiving information or knowledge treatment.

ALL ARE WELCOME

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