## 資源環境経済学特別演習Ⅱ 議事録

2015年度 第2回

報告題名(title): Socio Economics Impact Of Paddy's Threshing Machine Utilization In Rice Production Area: Case Study In Serang District Banten Province (*Preliminary Result*)

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## 出席者

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## 報告要旨(Abstract)

Serang District is one of rice production area in Banten Province, Indonesia. The spreading of Rice threshing machine not only could increased and more efficient in rice production and higher income for agriculturist, but also has a social culture impact on Banten society. The purpose of this study is to study socio economic impact of threshing machine utilization, factors influencing the adoption of threshing machine utilization, availability and requirement of threshing machine.

The data used in this study were collected mainly through an interview survey conducted in 4 (four) sub district (Ciruas, Lebak Wangi, Pontang, Tirtayasa) in Serang district area from May – June 2015. The number of sample farmers covered in the survey was 102, including users and non-users of paddy's threshing machine. The study will take both a quantitative and a qualitative approach to address the problem.

Increasing and refusing power-thresher user in Serang District is interesting phenomenon to study. Further study about socio economic impact of power thresher need to be done for policy evaluation. Power thresher availability in Serang District is still limited, only 32 percent from ideal availability of paddy's threshing machine is available. Proved by most of farmer respondent still have difficulties to rent/hire this kind of machine when harvesting time come. Factors influencing the adoption of paddy's threshing are farmer knowledge about the machine, availability of machine, availability of labor, labor wage rate, conflict occurrences, land size, education, also experience of farmer. However, need further study to know the influencing rate of factors

## 質疑·応答(Q & A)

- Takashino: who is the thresher owner? Big famer?
- Tian: Not big famer. In this case, it belongs to the famer group. The other one belongs to the person who wants to have business.
- **Takashino**: Are there no machine in the nonuser area?
- Tian: no machine.
- Thakashino: Who decide to buy the machine?
- **Tian:** Famer group, and also this is government a program, so extension officer helps the famer group that wants to rent the machine. And also rice correctors who want to make easier to get rice have this kind of machine. They want to save the cost and time by using machine, so rice corrector make famer rent the machine.
- Fuyuki: How many famers join in each famer group?
- **Tian:** The most of famer group in Serang district base on rice faming area. However, there are only 30 active members out of 100 members, and others just follow them.
- Yonekura: You compare four sub-districts in slide 18. Ciruas and Lebak Wangi are close in geographic, but why is the social economic structure quite different. Anyway, please making more detail clear.