

Challenge of Rice Market for Sustainable Agriculture (Indonesia and Japan's experience)

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About Myself

My name is Lilis Verawati (リリス ベラワティ) → →

- I'm staying in Kyoto for 149 days
- Undergraduate in Economics – Mercu Buana Univ., 2006
- My study topic while was undergraduate :

“Analysis Using Bankruptcy Prediction Models of Altman (Z-score), Case Study of PT. Sony Indonesia”.



Research and study in Kyoto University
Faculty of GSGES under the supervision of
Prof. Andreas NEEF. → → →



In Indonesia, affiliated with Trade Ministry of Indonesia as internal Auditor,

and undertaking master degree in Development Studies, ITB under the supervision of

Associate Professor Muhammad Tasrif → → →



Topic of Study in Indonesia

Study of Rice Market & Supply Chain with System Dynamics Method

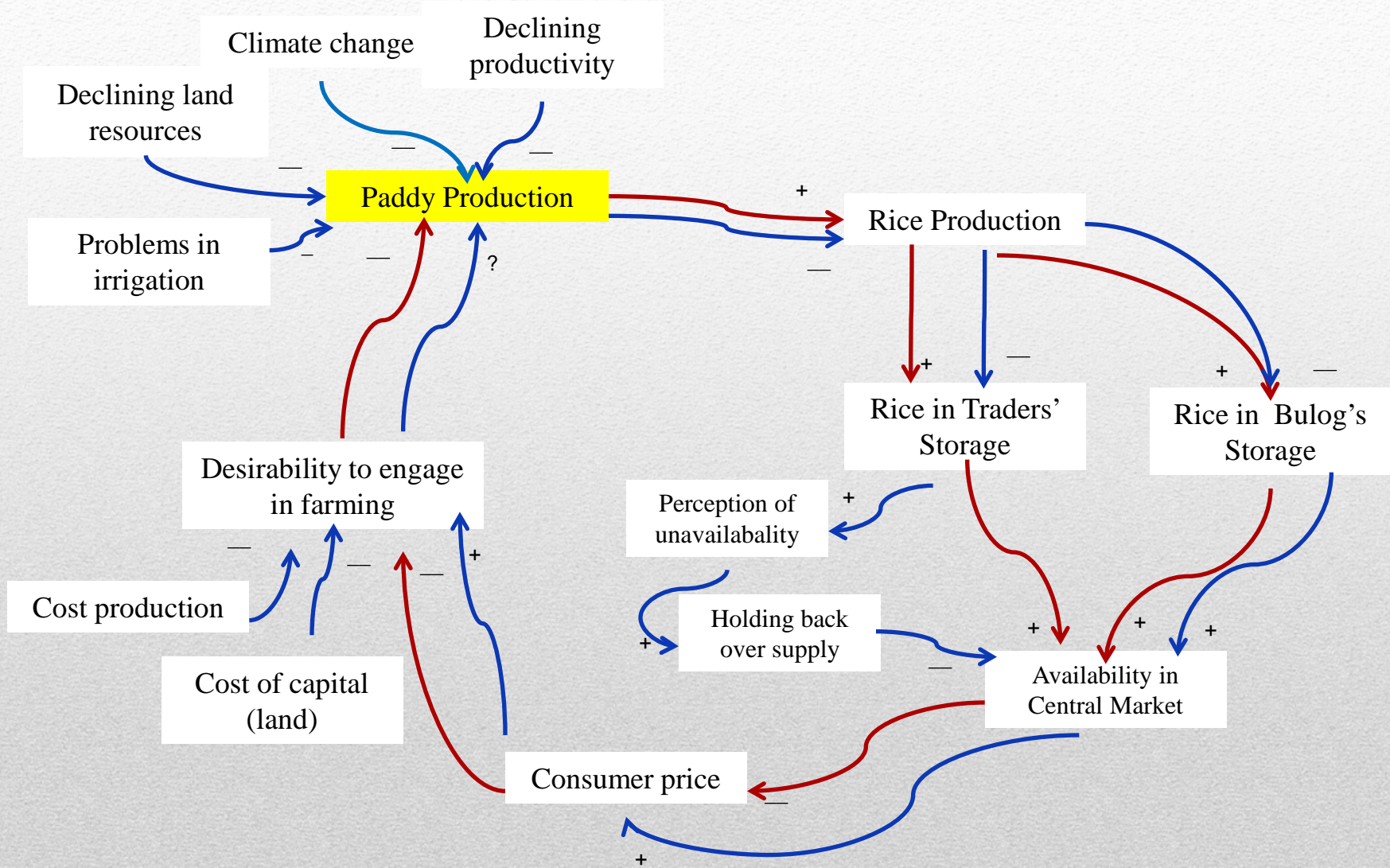
☞ General question:

What are the implications of the rice market involving farmers, traders, Bulog (Indonesia food SOE) and consumer brings on the supply and price of rice?

☞ Progress :

- By focusing on how to make the price affordable to all consumers, the model simulation (using the system dynamics) method shows that the production sector (agriculture) is playing the most significant part, otherwise Indonesia will soon become a major importer.
 - Low rice price will discourage farmers to continue the production.
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The Market Loop



Topic of Study in Japan

- Aim: to observe the *Practice and Development of Agriculture and Rice Market*
- Relevance of the study:
 - Japan uses a combination of policies and tariffs
 - Japan is facing similar problems, such as significant decline in self-sufficiency, decline in farm area, and human resources (farmers).

Method

- Desk study: brief history, pattern of development, relevant policies/regulations/institutions
- Interviews, observation, seminar ➔ How Japan builds the rice market, establish the institutions, the role and rules, and values
- Build the system thinking

Study Plan in Japan

- Explore from agricultural and market practices and analyze how different kinds of actors interact; identify institutions and role and rules, regulations and values that support the above interaction; identify controversy or resistance, if there is any;
- Lessons will be extracted that are relevant to Indonesia's contexts and practices.

Expected outcome

- A detailed and rich picture about rice market practice: brief history, institution and regulation
 - A deeper view on how farmer, government, traders and consumers perceive the “sustainability” of rice production and consumption
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ありがとうございます,
Terima Kasih,
Cảm ơn
Thank you.

Questions and suggestions are welcome!

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