

Proceedings of Shinshu University International Symposium 2007 “Sustainable Agriculture and Environment : Asian Network”

Preface

This volume in Journal of the Faculty of Agriculture Shinshu University represents the proceedings of the Shinshu University International Symposium 2007, entitled “Sustainable Agriculture and Environment ; Asian Network”.

This symposium was held on November 2nd, 2007 at the campus of Faculty of Agriculture, Shinshu University. Eight scientists came from Indonesia, Philippines, Bangladesh, China, Korea, Thailand and Japan. They lectured on the agricultural circumstances of the Asian countries and research topics about bio-diversity and sustainable agriculture from each specialty. There, we had 350 participants and exchanged the knowledge of sustainable agriculture, conservation of environments, and bio-biodiversity.

In these days, the concentration of carbon dioxide in the air is rapidly rising, and it becomes a global subject. The increasing concentration of carbon dioxide is caused by the large consumption of the fossil fuels and disappearance of forest for haphazard development of cultivated field. When this situation lasts, average temperature on the earth is prospected to rise 5 degree until end of the 21st century. Glacier melts away on the polar region and desert area expands in the several parts of the world.

We have another subject. It is population explosion of the world. Population of the world may reach over 9 billions within the 21st century. Under such circumstances, development of sustainable agriculture for food production considering the environment is certainly the emergency topic of the 21st century.

Asian countries have similar agricultural subjects on the similar climate. It is significant that scientists in Asian countries construct network and share knowledge. We expect that this symposium is “the start” of Asian Network for exchange of the agriculture status in every country and for the research collaboration of sustainable agriculture.

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