Preface

This volume is the outcome of a workshop "Research and Education Linkage between Pattimura University and Kagoshima University" (financially supported by the DIPA of Pattimura University of the fiscal year 2014) held on 23 June, 2014 in Ambon, Maluku, Indonesia as an initial step of long-term cooperative researches among scientists of Pattimura University, Maluku, Indonesia and Kagoshima University, Japan. Geographical characteristic of Maluku Province in Indonesia and Kagoshima Prefecture in Japan is very similar; there are many small and isolated islands. Objectives of this workshop were to share and discuss issues in small islands of the Asia-Pacific region by scientists from different disciplines. Topics include "plant and animal genetics and their potential", "food security", "issues on marine and land crop resources and their strategic management", "fly borne diseases", "insularity in the literary imagination", and "traditional culture" in islands of Japan, Philippines, Indonesia, Micronesia, and Fiji. It is the time for scientists from both institutes to start to conduct highly scientific works in various fields together and to solve a diverse array of questions in small islands. Many of the staff of Pattimura University and Kagoshima University made a significant contribution to running the workshop as well as to preparing for this volume.

MOSSE Jacobus W. Vice Rector of Pattimura University

KAWAI Kei Director of Research Center for the Pacific Islands, Kagoshima University

Opening Speech

Distinguished guests, ladies, and gentlemen:

This morning I am very happy to be able to welcome our distinguish guests from Kagoshima University, Prof. Kei KAWAI, Prof. Sumie NAKATANI, Prof. Masashi YAMAMOTO, Prof. Yasushi OTSUKA, Prof. Satoshi UDO, and Prof. Sota YAMAMOTO. I would like to thank our special guests for reserving your valuable time and traveling such a long distance to our university to realize the initiation of cooperation between two universities. Today I am convinced that this workshop will be an important moment for our guests from Japan and our representative scholars from Pattimura University to show your respective interests, to share ideas, and to build mutual understanding and benefits between two universities. I also wish you to enjoy your visit to Ambon and meeting people here.

Distinguished delegation from Kagoshima University, please kindly pass my sincere greeting and appreciation to Prof. Dr. Yoshizane MAEDA, President of Kagoshima University, for building mutual understanding and cooperation with our university by signing the Memorandum of Understanding in March, 2014 and for my hope that this MoU will produce many mutual benefits between two universities as well as scholars and students. I understand that we will together pursue cooperative educational and research activities by conducting projects of research and education, exchange of publication and information, and exchange of teachers, researchers, administrative staffs, and students.

I also would like to express my appreciation to Vice Rectors, Heads of Institution, Deans, Directors of Post-Graduate School within Pattimura University, and speakers and participants representing Pattimura University at the workshop for accepting my invitation to attend the opening of this event and the following workshop. I hope that today's event will become an initial milestone for all of you to create strong links and to build beneficial activities between institutions, groups, and individuals from both universities.

With this important linkage opportunity, I put my great wishes to all the academic staff-members and scientists of Pattimura University who are participating in this

workshop, and stress:

The importance of those involved to assist us in establishing a progressive link

that has been initiated, and filling with productive activities.

· The importance of gaining experience from Kagoshima University in studies of

island communities (particularly fisheries, agriculture, health, and education)

because there are similarities between Kagoshima Prefecture, which has

approximately 600 islands, and Maluku Province with almost 1,000 islands. I

believe that cooperation in studies of small islands will have very good

prospects.

· My suggestion that the participants from Pattimura University should start to

take benefits during this workshop by building group-to-group and person-to-

person linkages.

Opening statement:

With our gratitude to God's grace, hereby I officially open the workshop entitled

"Research and Education Linkage between Pattimura University and Kagoshima

University".

PENTURY Thomas

Rector of Pattimura University

Photo Album



Group Photo



Opening Speech: PENTURY Thomas (Rector of Pattimura University)



Opening Speech: KAWAI Kei (Director of Research Center for the Pacific Islands, Kagoshima University)





Welcome Speech: MOSSE Jacobus W. (Vice Rector of Pattimura University)



Ceremony



Presenters and a moderator (KAWAI, KESAULYA, and NAKATANI, from left to right)



Presenters and a moderator (TETELEPTA, SALAMENA, GIRSANG, LIMMON, MATINAHORU, from left to right)



Presenters (OTSUKA, YAMAMOTO, and UDO, from left to right)



Presenters (NINDATU, LEATEMIA, and RAHARJO, from left to right)



Dusun (excursion) (See Paper No. 8)



Sago processing (excursion) (See Paper No. 6)



Local market (excursion)



First time to eat salak (snake fruit)





Local food of Maluku (papeda, ikan kuah kuning, etc.) in lunch (excursion)





Farewell party

Contents

	ning Speech and Photo Album · · · · · · · · · · · · · · · · ii
1)	Outline of Kagoshima University: Potential Fields of Research and Education · · · · 1 NAKATANI Sumie (Center for International Planning, Kagoshima University)
2)	An Overview of Research Orientation in Pattimura University · · · · · · · · · · · · · · · · · · ·
3)	Citrus Genetic Resources Grown on the Ryukyu Islands, Japan · · · · · · · · · · · · · · · · · · ·
4)	Potential Development of Local Animal Genetic Resources in Maluku · · · · · · 17 SALAMENA J. F., MALLE D., LATUPEIRISSA C. Ch. E. and SIWA I. P. (Faculty of Agriculture, Pattimura University)
5)	Food Security in Small Islands: Case Studies in the Federated States of Micronesia • • 27 YAMAMOTO Sota (Research Center for the Pacific Islands, Kagoshima University)
6)	Food Security Systems in Indonesia: Challenges and Implications to Food Security in Maluku · · · · · · · · · · · · · · · · · ·
7)	Integrated-Disciplinary Evaluation of Ecology-Economy Interacting System in Marine Resources in Fiji · · · · · · · · · · · · · · · · · ·
8)	A Review on <i>Dusun</i> as an Indigenous Agroforestry System Practiced in Small Islands · · · · · · · · · · · · · · · · · · ·

9)	Species Diversity of Black Fly in Southeast Asia: Phylogenetic Analysis of Three
	Subgenera, Asiosimulium, Daviesellum, and Wallacellum, of the Genus Simulium s. 1.
	OTSUKA Yasushi (Research Center for the Pacific Islands, Kagoshima University)
10)	Mosquito Borne Diseases in Ambon Municipality • • • • • • • • • • • • • • • • • • •
	NINDATU Maria ¹ and LEATEMIA J. Audrey ²
	(1Faculty of Medicine, Faculty of Mathematics and Natural Sciences,
	Pattimura University, ² Faculty of Agriculture, Pattimura University)
11)	Insularity in the Literary Imagination of SHIMAO Toshio · · · · · · · · · · · · · · · · · · ·
	UDO Satoshi
	(Faculty of Law, Economics and Humanities, Kagoshima University)
12)	Territorial Organization by Bupolo People in Buru Island · · · · · · · · · · · · · · · · · · ·
	PATTINAMA Marcus Jozef
	(Faculty of Agriculture, Pattimura University)
13)	Other Papers Presented at the Workshop (Abstract Only) · · · · · · · · · · · · · · · · · · ·