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ABSTRACT

INTERNATIONAL CONFERENCE ON BIODIVERSITY

SOCIETY FOR INDOONESIAN BIODIVERSITY

Yogyakarta, 19-20 March 2016



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Yogyakarta, 19-20 March 2016

THEME:

**Agroecosystem Biodiversity: Managing Diversity in the Agricultural
Landscape under Global Change**

SECRETARIAT ADDRESS

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TIME SCHEDULE
International Conference on Biodiversity
Society for Indonesian Biodiversity (SIB)
Yogyakarta, Indonesia, 19-20 March 2016

TIME	ACTIVITIES	PERSON IN CHARGE	SITE
March 19, 2016			
08.00-09.00	Registration	Committee	Lobby
09.00-09.10	Speech of the Committee	Chairman of the committee	R1
09.10-09.20	Opening speech	Chairman of the society	R1
09.20-09.30	Photo Session and Coffee Break	Committee	R1, Lobby
09.30-11.00	Panel 1 Prof. Dr. Sutarno Prof. Dr. Triwibowo Yuwono	Moderator	R1
11.00-12.30	Panel 2 Prof. Dr. Johan Iskandar Dr. Jean W.H. Yong	Moderator	R1
12.30-13.30	Rest, prayer, lunch Poster session	Committee	Lobby
13.30-14.30	Parallel presentation I Group 1: AO-01, AO-02, AO-03, AO-04, AO-05, AO-06 Group 2: AO-07, AO-08, BO-01, BO-02, BO-03, BO-04 Group 3: BO-05, BO-06, BO-07, BO-08, BO-09, BO-10 Group 4: BO-11, BO-12, BO-13, BO-14, BO-15, BO-16 Group 5: BO-17, BO-18, BO-19, BO-20, BO-21, BO-22	Moderator Moderator Moderator Moderator Moderator	R1 R2 R3 R4 R5
14.30-14.45	Coffee Break	Moderator	Lobby
14.45-15.45	Parallel presentation II Group 6: CO-01, CO-02, CO-03, CO-04, CO-05 Group 7: CO-06, CO-07, CO-08, CO-09, CO-10 Group 8: CO-11, DO-01, DO-02, DO-03, EO-01 Group 9: EO-02, EO-03, EO-04, EO-05, EO-06 Group 10: EO-07, EO-08, EO-09, EO-10, EO-11, EO-12	Moderator Moderator Moderator Moderator Moderator	R1 R2 R3 R4 R5
15.45-16.00	Closing speech and other explanations	Chairman of the committee	R1

Upcoming events:

1. Seminar Nasional Masyarakat Biodiversitas Indonesia, Padang, Indonesia, 23 April 2016
2. International Conference on Biodiversity, Bandung, Indonesia, 28-29 May 2016

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CP-02**Farmer adaptation strategy in paddy field affected by climate variability in monsoon regions**Yayan Apriyana[▼], Yeli Sarvina, Elsa Rakhmi Dewi, and Aris Pramudia

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Adaptation of agriculture cultivation to climate variability and climate anomalies both in paddy field especially in monsoon regions is a one of strategy to minimize impact of these two phenomena in order to reduce the economic lost, particularly for food security in Indonesia. The objectives of this study are: (i) to identify onset and cropping pattern in irrigated land, rainfed and dry land in affected area due to climate anomalies. (ii) to collate information of carrying capacity water resources and adaptation practices applied by farmers (iii) to identify strategies for farmers on irrigated land, rainfed and dry land in the region affected by climate variability. The desk work analysis and field survey were conducted in Serang District, Banten Province, Subang District, West Java Province and Pati District, Central Jawa. This study includes: (i) The correlation analysis climate anomaly and rainfall, (ii) field survey, (iii) analysis onset growing season, cropping pattern, water availability, the best planting time and irrigation schedule. The results showed that the farmers in affected area due to climate variability could adapt by shift the onset of growing season. Farmer in irrigated land shift their onset around 2-4 tendays period becomes October II-December II, in rainfed area around 4-6 tendays period becomes November I-January III and in dry land around 6-8 tendays peroid from November II-Februari I. The cropping pattern rice-rice-palawija/fallow was applied in irrigated land, rice-rice/palawija/fallow-fallow in rainfed and palawija-palawija/fallow-fallow in dry land. Adaptation programs to deal with climate variability in Serang and Pati varies more than in Subang. In Serang and Pati, during first growing season farmers applied irrigation roughly 20%-30% pump water from river and during second growing season, in Pati farmers use water from well pump and even in Serang reach 100%.

Adaptation strategy, climate variability, farmer, monsoon regions, paddy field

CP-03**Management leadership in the promotion of village farmer softskill information technology in the Province of Gorontalo**

Novianty Djafri

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Government as a leader in protecting all people in developing economies in the region. Government with related parties should be able to prosperity and welfare of the community, in addition to master the administrative arrangements for the control of managerial competence, should be able to understand the functions of management, and also in the field of entrepreneurship. Leader in a management capacity must be at prop with social competence to be able to protect its people, especially the farmers. As a leader must master the science of management in the system of administration and control for setting the Class Action for farmers. Leader in advancing management function can run the policies and rules that have been agreed in the region. Management Leadership in soft skills coaching can be an underlying implementation of management functions, the concept of nurturing thought leadership and supported by information systems that can be directly received by farmers. For the province of Gorontalo, coaching by the Regional Head (Governor) to farmers in the implementation of the management functions of an underlying concept of leadership and leadership areas that: (i) Planning of the government in the form of socialization (ii) Organizing farmers through of scientific Forum. (iii) Mobilizing Farmers market competitiveness through (iv) Supervise the farmers with independence through increased resale value through the utilization of information technology. Commitment and consistent enforcement continues to be undertaken by the Government of Gorontalo province through the efforts and strategies to increase potential, productivity and innovation of the agricultural community, given the farming community has an important role Gorontalo be driving the regional economy and become identity regional pride. The data used is the survey data, the secondary and primary data were obtained in the field and study the results of previous research literature. It is built is through qualitative and quantitative data that are presented descriptively. The result of this research is the leader in the Guidance Management Forms Softskill Farmers through Utilization of Information Technology.

Information Technology, management leadership, soft skill development

Ethnobiology**DO-01****The local knowledge of the rural people on species, role and hunting of birds: Case study in Karangwangi Village, Cidaun Sub-district, West Java**

Johan Iskandar^{1,2,▼}, Budiawati Supangkat Iskandar^{3,▼}, Ruhyat Partasmita^{1,▼}

Rice field in Nglangeran, Baturagung Mts.; photo by Irwan Julianur



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Prof. Dr. Suharna, M.Sc., M.D.
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