

# FOSAS workshop for Sustainable Resource Management in Southern and Eastern Cameroon

Date: February 12 and 13, 2014  
 Place: Conference room, Hotel Ntougou, Yaounde  
 Organizer: IRAD and JICA  
 Facilitator: Dr. Bernard Foahom (Project Manager)

資料 2

The workshop is primarily aimed to compile FOSAS activities this year in the form of Progress Report, and at the same time, provide opportunities to share results with research institution and administrations who are potential users of our results.

Tentative time Schedule:

## February 12

### [Agriculture & Food Science Group]

No.	Activity title	Breakdown	Presenter:	Time	Title
	<b>Welcome address:</b> DG, IRAD 9:00 - 9:10				
1-1	Building of research station and infrastructure	<b>1-1-1.</b> Building of research station in Andom	Yasuda (for Andom)	9:10 9:25	Low-cost building with inter-locking earthen brick in Andom
		<b>1-1-2.</b> Building of infrastructure in Andom	Daito (for Andom)		Experimental construct to rammed earth, using materials available in the local area
1-2	Evaluate the effect of soil erosion control (by gravel-bag contour band and others)	<b>1-2-1.</b> Development of soil erosion control measures (gravel bag and live fence) through landscape management at Andom and Biytili.	Araki		
		<b>1-2-2.</b> Monitoring soil erosion and water run-off by different soil conservation methods	Araki	9:25 9:40	Monitoring soil erosion and water run-off by different soil conservation methods: Results of Andom experiments between 2009-2012
1-3	Introduction of improved varieties of cassava and plantain	<b>1-3-1.</b> Cassava in Andom	Papa-Araki	9:40 9:55	Sequential cultivation of cassava varieties in Eastern Cameroon: Effect on production and soil status
		<b>1-3-2.</b> Cassava in Biytili	Yemefack	9:55 10:10	Sustainable production of Cassava in Forest zone of Cameroon: Biytili First year preliminary results
		<b>1-3-3.</b> Plantain in Biytili	Manga	10:10 10:25	Sustainable production of Cassava in Forest zone of Cameroon: Biytili First year preliminary results
	<b>Coffee break: 10:25 - 10:50</b>				
1-4	Improved fallow management	<b>1-4-1.</b> <i>Pueraria</i> fallow in Andom	Araki		
		<b>1-4-2.</b> <i>Pueraria</i> fallow in Biytili	Omoko		
		<b>1-4-3.</b> Analysis of <i>Pueraria</i> root nodules and field application	Papa		No report at present

		<b>1-4-4.</b> Analysis of micro and micro fauna in cassava field and its succession	Onguene		
1-5	Sociological village survey on work habit and sharing particularly women, and formation of farmers groups	<b>1-5-1.</b> Bertoua area (Andom)	Shioya	10:50 11:05	Cassava Cultivation and Processing in Andom
		<b>1-5-2.</b> Ebolowa area	Moma	11:05 11:20	
		<b>1-5-3.</b> Ebolowa area (farming system approach to cover various activities of resource management)	Yemefack-Student		
1-6	Determination and specification of characteristics of various cassava products	<b>1-6-1.</b> Determination and specification of characteristics of various cassava products	Kitabatake & Kameni		Properties of starch from non-fermented (native) and fermented cassava tuber
		<b>1-6-2.</b> Value chain analysis of Cassava processing technologies	Kameni		
1-7	Survey of local beer/liquors drinks and their improvement	<b>1-7-1.</b> Socio-economic survey	Fonteh-Gildas	11:20 11:35	Socio-economic analysis of some main alcoholic drinks traditionally produced in the East region of Cameroon
		<b>1-7-2.</b> Improvement of local beer making	Kubo		The field studies for improving local brewing technique in Andom village
1-9	Socio-economic survey for marketing of processed cassava		Inaizumi, Fonteh, Mbairanoji Student 1 (Sadou) Student 2 Student 3	11:35 11:50	

**Lunch break: 12:00 - 13:30 (No Lunch service)**

[ Non-Timber Forest Products (NTFPs) Group ]

No.	Activity title	Breakdown	Progress report (Japanese)		Title
2-1	Construct a research station at Gribe (Yasuda, R. Kimura, Toda)		Yasuda	13:30 13:45	Low-cost building with inter-locking earthen brick in Gribe
2-2	Survey on the utilization of NTFPs	<b>2-2-1.</b> Survey on household economy, food stuffs and importance of NTFPs in Gribe and Zoulabot.	Masaaki HIRAI		Livelihood Activities and Forest Products among the Baka and the Kounabembe Societies
		<b>2-2-2.</b> Survey on NTFPs market activities in Gribe and the periphery of Boumba-Bek NP.	Marie Michèle NGO BADJECK, Oum Nadège MAYADA and Kadiri Serge BOBO (Dchang Univ.)	13:45 14:00	Bushmeat Market Network at the Northern Periphery of Boumba-bek National Park, South-east Cameroon
			Masaaki Hirai		Livelihood Activities and Forest Products among the Baka and the Kounabembe Societies: From Perspectives of Wilds Fruits Market
		<b>2-2-3.</b> - Collection of ethno botanical knowledge, plant specimen and identification.	Nkonmeneck-Student 1	14:00 14:15	
2-3	Ecological survey on major NTFPs	<b>2-3-1.</b> Vegetation survey for plant inventory and NTFPs distribution, biomass and gathering pressure.	TAJEUKEM Vice Clotèxe (Yaoundé I Univ.)	14:15 14:30	Vegetation Assessment in the Northern Part of Boumba-Bek National Park
		<b>2-3-2.</b> Vegetation survey to clarify the regeneration state of main NTFPs species .	Fongzossie Evariste (Douala Univ.), Ngansop Marlène and Nkongmeneck Bernard-Aloys (Yaoundé I Univ.)	14:30 14:45	Population Structure and Natural Regeneration of Selected Commercial NTFP in Gribe Forest (South-East Cameroon)
		<b>2-3-3.</b> Vegetation survey to clarify the human impact to the forest and primary production.	Hirokazu YASUOKA		Dense Wild Yam Patches after Forest Camps: Beyond the Wild Yam Question, Toward the Historical Ecology of Rainforests
			Hirai		Livelihood Activities and Forest Products among the Baka and the Kounabembe Societies: From perspectives of Wilds Fruits Production and Phenology
		<b>2-3-4.</b> Animal survey: Inventory, monitoring on the population size and hunting pressure.	1. iri Serge BOBO, Towa Olivier William KAMGAING,	14:45	Wildlife Species Richness and Abundance in Different Land Use Types in the Gribé Area, North of Boumba-bek National Park, South-east Cameroon

			Kagalang DJAFSIA, Nghoueda Jean Paulin KENGNE, Mekongo Laurent Serge NDENGUÉ (Dchang Univ.)	15:00	
			2. Towa Olivier William KAMGAING, Eric Chrétien KAMDOUM and Kadiri Serge BOBO (Dchang Univ.)	15:00 15:15	Traditional Hunting Patterns in the Gribé Area, North of Boumba-bek National Park, South-east Cameroon
		<b>2-3-5.</b> Survey on land use system including cacao fields and land use mapping.	Hirai		Livelihood Activities and Forest Products among the Baka and the Kounabembe Societies: From perspectives of Land use
			PENANJO Stéphanie and Nkongmeneck Bernard-Aloys	15:15 15:30	NTFPs Availability and Distribution in Cocoa Farms in Gribé Locality (South-east Cameroon)
2-4	Construction of inventory and database for NTFPs	<b>2-4-1.</b> Construction of inventory and database for NTFPs	Kimura- Nkongmeneck		
2-5	Chemical analysis of NTFPs	<b>2-5-1.</b> Chemical analysis of NTFPs (In collaboration with food team.)	Kameni-Mfopou		
2-6	Participatory mapping of NTFPs	<b>2-6-1.</b> Participatory mapping of NTFPs	Nkongmeneck's student 3		
2-7	Adjustment of forest resource use among peoples' groups	<b>2-7-1.</b> Adjustment of forest resource use among peoples' groups	Bobo		
2-8	Strengthening of exhibition facilities		N/A		
<b>Coffee break: 15:30-16:00</b>					
2-9	Survey on NTFPs in forest- savanna contact zone in Bethll and Andom	<b>2-9-1.</b> Ethnobotany and community forest management	1. Lrde Betti (Douala Univ.)	16:00 16:15	Importance of NTFPs to Livelihood and their Distribution to Different Vegetation Types Lagarde Betti (Douala Univ.)

			2. Caspa Roseline Gusua	16:15 16:30	Non Timber Forest Products: Contributions to Local Livelihoods in Andom, Cameroon
		<b>2-9-2.</b> Effective use of food composition tables	Precillia-Mfopou		
2-10	Survey on NTFPs in Ebolowa areas	<b>2-10-1.</b> Assessing natural regeneration of NTFPs and the impact of harvesting techniques.	1. NGONO DIMA Alain (DEPARTEMENT DE BIOLOGIE & PHYSIOLOGIE VEGETALES, UNIVERSITE DE YAOUNDE I)	16 :30 16 :45	Etude du potentiel de régénération naturelle des produits forestiers non ligneux ( cas du Piper guineensis et du Gnetum sp) dans différents Types d'Utilisation des Terres dans la région du Sud, zone de Bityili
			2. INIMBOCK Sorel Léocadie (DEPARTEMENT DE BIOLOGIE & PHYSIOLOGIE VEGETALES	16 :45 17 :00	Evaluation du potentiel de régénération naturelle des produits forestiers non ligneux dans différents types d'utilisation de terre dans la région du Sud : Cas de Bityili
		<b>2-10-2.</b> Ecological and ethno-botanical survey on NTFPs.	Nwegueh		
		<b>2-10-3.</b> Participatory mapping of NTFP.	Nwegueh Alfred Bekwake and Yemefack Martin	17:00 17:15	Participatory Mapping of NTFP in Multiple Land Cover Types in the South Region of Cameroon

**February 13**

**[ Soil Science Group ]**

No.	Activity title	Breakdown	Progress report (Japanese)		Title
3-1	Clarify soil-plant dynamics by soil/climate monitoring	<b>3-1-1.</b> Bertoua (Andom)	Sugihara S, Shibata M, Funakawa S.	9:00 9:15	Soil nutrient dynamics under different vegetation at forest-savanna transition zone of Eastern Cameroon
		<b>3-1-2.</b> Ebolowa (Biytili)	Mvondo Ze, Agoume, Onana, Onguene, Tchienkoua	9:15 9:30	Soil nutrient status under forest at Southern Cameroon with special reference to micro-topography (temporally title)
3-2	Extensive survey on soil minerals and soil fertility of Cameroon.		Sugihara S, Nakao A, Watanabe T, Shibata M, Mvond Ze A, Funakawa S.		Soil minerals and soil fertility of Eastern Cameroon.
3-3	Construct models for soil organic matter management by analyzing soil microbial dynamics (Evaluation of soil organic matter decomposition and soil organic matter dynamics with cultivation and/or fallow.	<b>3-3-1.</b> Bertoua (Andom)	N/A yet Funakawa, Sugihara, Shibata		No report at present.
		<b>3-3-2.</b> Ebolowa (Biytili)	N/A yet Mvondo Ze, Agoume, Onana, Onguene, Tchienkoua		No report at present.
3-4	Suggest the strategy for resource utilization at the boarder both forest and savanna zones.	<b>3-4-1.</b> Bertoua (Andom)	N/A yet Funakawa, Sugihara, Shibata		No report at present.
		<b>3-4-2.</b> Ebolowa (Biytili)	N/A yet Mvondo Ze, Agoume, Onana, Onguene, Tchienkoua		No report at present.

**Coffee break: 9:30-10:00**

**Session for invited speakers: 10:00 – 12:00**

**Lunch break: 12:00 – 13:30 (No Lunch service)**

**Afternoon session: 13:30 – 15:30**

**Coffee break: 15:30 – 16:00**

Concluding remarks: 16:00 – 17:00