

FOSAS workshop 2015 (tentative time schedule_18/02/2015)

Date: February 25(wed) and 26(thu), 2015
 Place: Conference room, Hotel Ntougou, Yaounde
 Organizer: IRAD and JICA
 Facilitator: Dr. Bernard Foahom (Project Manager)
 Participation fee: Free

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 administration who are potential users of our results.

February 25 (wed.) 1st Session: Screening and Research articles

1. Opening 9:00-9:20			
	Presentation of the themes of reference of the meeting	Dr. Foahom	9:00 - 9:10
	Words of the Technical adviser	Dr. Araki	9:10 - 9:20
2. Screening 9:20-10:30			
	Commentary by producer	Mr. Masso	9:20 - 9:30
	Screening (Andom, Gribe, Bityili)		9:30 - 10:30
3. Research articles 10:30-17:00			
Sustainable Agriculture Group (1)			
	Summary description	Dr. YEMEFACK	10:30 - 10:40
	“Monitoring soil erosion and water run-off under different soil management in Andom village, East Cameroon”	Shigeru ARAKI et al.	10:40 - 10:55
	“Phylogeny and nitrogen fixation potential of <i>Bradyrhizobium</i> species isolated from the legume cover crop <i>Pueraria phaseoloides</i> in Eastern Cameroon”	Papa Saliou SARR et al.	10:55 - 11:10
	“Performance of five cassava genotypes in forest zone of Cameroon”	Gabriel Ambroise MANGA et al.	11:10 - 11:25
	Discussion		11:25 - 11:55
LUNCH BREAK: 12:00 – 13:30			

Sustainable Agriculture Group (2)		
"Analyse de la demande du manioc (<i>Manihot esculenta</i> Crantz) dans la ville de Yaoundé au Cameroun : cas des collectivités/entreprises"	FOUDA et al.	13:30 - 13:45
"Marketing strategies of cassava products by Bityili women in the frontier market Abang-Minko (south Cameroon)"	MFOUMOU & MOMA	13:45 - 14:00
"Monitoring cassava processing units and market explore for processed cassava products in Andom, eastern Cameroon"	Akiyo SHIOYA	14:00 - 14:15
"Analysis of traditional farming systems and contribution to cassava production in Bityili community in South Cameroon"	YEMEFACK, AKU & ARAKI	14:15 - 14:30
Discussion		14:30 - 15:00
COFFEE BREAK: 15:00 – 15:15		
Forest/NTFPs Group		
Summary description	Dr. ICHIKAWA	15:15 - 15:25
"Integrating local livelihood needs and global environment concerns, with special reference to climate regulation role of tropical rain forest"	Bernard FOAHOM	15:25 – 15:40
"Changes in composition of hunting catches in southeastern Cameroon: a promising approach for collaborative wildlife management between ecologists and local hunters"	Hirokazu YASUOKA et al.	15:40 - 15:55
"Study on Wild Fruits Species: Ranging from Fruiting phenology to Exchanges among/within Hunters-threshers and Agriculturalists in Southeastern Cameroon"	Masaaki HIRAI	15:55 - 16:10
"An evaluation of the potentials of Non Timber Forest Products in the AFCOE2M (Mbam Essaobam) Community forest, South region Cameroon"	Alfred NWEGUEH et al.	16:10 - 16:25
Discussion		16:25 – 16:55

Soil Science Group

Summary description

"Towards a model for soil organic matter management" (tentative title)

Dr. Mvondo Ze

16:55 - 17:05

Dr. FUNAKAWA (presented by Ando)

17:05 - 17:15

17:15 - 17:30

Discussion

4. General Discussion 17:30-18:15

February 26 (thu.) 2nd Session: Annual Progress Report and Communications

1. Opening 9:00-9:10					
	Opening Presentation of Recommendation	Dr. Foahom & Dr. Araki			
2. Progress made by the different Components of the Project 9:10-15:30					
Sustainable Agriculture & Food Science Group					
	Annual Report of Sustainable Agriculture Group			Dr. Yemefack	9:10-9:20
	Annual Report of Food Technology Group			Dr. Kameni	9:20-9:30
No.	Activity title	Breakdown	Presenter	Time	Title
1-1	Building of research station and infrastructure	1-1-1. Building of research station in Andom			
		1-1-2. Building of infrastructure in Andom			
1-2	Evaluate the effect of soil erosion control (by gravel-bag contour band and others)	1-2-1. Development of soil erosion control measures (gravel bag and live fence) through landscape management at Andom and Bityili.	YEMEFACK, OMOKO	9:30-9:40	Comparative efficacy of four agronomic practices for controlling soil erosion
		1-2-2. Monitoring soil erosion and water run-off by different soil conservation methods	Shigeru ARAKI	<1 st >	Soil erosion monitoring in Andom Village
1-3	Introduction of improved varieties of cassava and plantain	1-3-1. Cassava in Andom (Site IV)	Papa Saliou SARR, Shigeru ARAKI	9:40-9:50	Growth characteristics of tree year cassava performances at Site IV, Andom village
			MANGA et al.	<1 st >	Performance of five cassava genotypes in forest zone of Cameroon
		1-3-2. Cassava in Bityili			
		1-3-3. Plantain in Bityili	MANGA & NDAWA	9:50-10:00	Comportement Agronomique des cultivars de banana plantain à la sortie du germe et pendant l'acclimatation en pépinière sur quatre substrats
1-4	Improved fallow management	1-4-1. <i>Pueraria</i> fallow in Andom	SARR et al.	10:00-10:10	Effect of a Two-year <i>Pueraria</i> Fallow on Soil Characteristics and Yields of Cassava over Two Seasons cultivation in Andom, Eastern Cameroon
		1-4-2. <i>Pueraria</i> fallow in Bityili			
		1-4-3. Analysis of <i>Pueraria</i> root nodules and field application	Papa Saliou SARR OKON et al.	<1 st > 10:10-10:20	Phylogeny and nitrogen fixation potential of <i>Bradyrhizobium</i> species isolated from the legume cover crop <i>Pueraria phaseoloides</i> in Eastern Cameroon Field inoculation of <i>pueraria phaseoloides</i> with an efficient <i>Bradyrhizobium</i> strain: effect on nitrogen

			MPON YONDI et al.	10:20 10:30	fixation and plant growth Determination of the status of arbuscular mycorrhizal fungi associated with cassava (<i>Manihot esculenta</i> Crantz) rhizosphere in Cameroon
		1-4-4. Analysis of micro and micro fauna in cassava field and its succession			
1-5	Sociological village survey on work habit and sharing particularly women, and formation of farmers groups	1-5-1. Bertoua area (Andom)	Fumiyo ASANO Akiyo SHIOYA	× <1 st >	Social change and farm expansion through the introduction of improved cassava varieties Monitoring cassava processing units and market explore for processed cassava products
		1-5-2. Ebolowa area	MFOUMOU & MOMA Zibi & MOMA Koji UOZUMI	<1 st > 10:30 10:40 10:40 10:50	A Marketing strategies of cassava products by Bityili women in the frontier market Abang-Minko (south Cameroon) Cassava production as income generating activity (IGA) and women participation in socio-economic and socio-agronomic development in Bityili (South-Cameroon). <i>Contribution to a socio-economic analysis</i> Bulgalisation of the improved varieties and use of the plant in Bityili
		1-5-3. Ebolowa area (farming system approach to cover various activities of resource management)	YEMEFACK, AKU & ARAKI FOKO et al.	<1 st > 10:50 11:00	Analysis of traditional farming systems and contribution to cassava production in Bityili community in South Cameroon <i>Analyse de l'efficacite technique et allocative de la production du manioc dans la localite de Bityili au sud Cameroun</i>
1-6	Determination and specification of characteristics of various cassava products	1-6-1. Determination and specification of characteristics of various cassava products			
		1-6-2. Value chain analysis of Cassava processing technologies	Anselme KAMENI	11:00 11:10	Cassava technology: Products, process and actors
1-7	Survey of local beer/liquors drinks and their improvement	1-7-1. Socio-economic survey			
		1-7-2. Improvement of local beer making	FONTEH, KUBO & <u>L.K. Che</u>	11:10 11:20	Physical chemical and microbiological characterization of the palm wine fermentation process
1-9	Socio-economic survey for marketing of processed cassava		FOUDA et al.	<1 st >	<i>Analyse de la demande du manioc (Manihot esculenta Crantz) dans la ville de Yaoundé au Cameroun : cas des collectivités/entreprises</i>

1-10	Develop sustainable agriculture in forest areas		Shigeru ARAKI	11:20 11:30	Cassava performances in Gribé
Non-Timber Forest Products (NTFPs) Group					
Annual Report of Forest/NTFPs Group			Dr. Ichikawa		11:30-11:40
No.	Activity title	Breakdown	Presenter:		Title
2-1	Construct a research station at Gribé				
2-2	Survey on the utilization of NTFPs	2-2-1. Survey on household economy, food stuffs and importance of NTFPs in Gribé and Zoulabot.	Masaaki HIRAI	<1 st >	Study on Wild Fruits Species: Ranging from Fruiting phenology to Exchanges among/within Hunters-threshers and Agriculturalists in Southeastern Cameroon
		2-2-2. Survey on NTFPs market activities in Gribé and the periphery of Boumba-Bek NP.			
		2-2-3. - Collection of ethno botanical knowledge, plant specimen and identification.			
2-3	Ecological survey on major NTFPs	2-3-1. Vegetation survey for plant inventory and NTFPs distribution, biomass and gathering pressure.	Masaaki HIRAI	<1 st >	Study on Wild Fruits Species: Ranging from Fruiting phenology to Exchanges among/within Hunters-threshers and Agriculturalists in Southeastern Cameroon
		2-3-2. Vegetation survey to clarify the regeneration state of main NTFPs species	NGANSOP, FONGNZOSSIE	11:40 11:50	1. Habitat characteristics and the distribution patterns of some NTFPs species in Southeastern Cameroon
			NGANSOP, FONGNZOSSIE	11:50 12:00	2. Germination and early growth of some NTFP species in semi-deciduous rainforests of South-eastern Cameroon
			MOMO, FONGNZOSSIE	12:00 12:10	Potentials for tree domestication from the perspective of "Ethno-sylviculture" in South Eastern Cameroon
		2-3-3. Vegetation survey to clarify the human impact to the forest and primary production.			
		LUNCH BREAK: 12:10 – 13:30			

		2-3-4. Animal survey: Inventory, monitoring on the population size and hunting pressure	Koji HAYASHI Djekda Daniel	13:30 13:40 13:40 13:50	Mammal species and its abundances in southeastern Cameroon: From the data of sensor cameras Evaluation of the performance of our methods of wildlife surveys on permanent transects in north-eastern periphery zone of the BBNP, southeast Cameroon
		2-3-5. Survey on land use system including cacao fields and land use mapping.			
2-4	Construction of inventory and database for NTFPs	2-4-1. Construction of inventory and database for NTFPs	TAJEUKEM, HIRAI et al. AMANG et al.	13:50 14:00 14:00 14:10	Plant Use and Implication of AFlora for the Forest Conservation: Case of the Southeastern Cameroon Conception et valorisation de la base de données sur les Produits Forestiers Non Ligneux du projet FOSAS
2-5	Chemical analysis of NTFPs	2-5-1. Chemical analysis of NTFPs (In collaboration with food team.)			
2-6	Participatory mapping of NTFPs	2-6-1. Participatory mapping of NTFPs			
2-7	Adjustment of forest resource use among peoples' groups	2-7-1. Adjustment of forest resource use among peoples' groups	Mikako TODA	×	Activities and Potential of Local Association and Resource Use Mapping toward Sustainable NTFPs use in Southeastern Cameroon
2-8	Strengthening of exhibition facilities				
2-9	Survey on NTFPs in forest-savanna contact zone in Bityili and Andom	2-9-1. Ethnobotany and community forest management 2-9-2. Use of NTFPs for food in forest-savanna contact zone	 Yimbou et al. Njeudeng Tenku et al. Njeudeng et al. Nyambi NGWENDLINE Claris PAMPOU	 14:10 14:20 14:20 14:30 ?? 14 :30 14 :40 14 :40 14 :50	 The importance and constraints in the explanation of non-timber forest products in the villages of Andom and Bityili Assessing major non-timber forest products in a forest-savanna transition zone of the east region Cameroon using a new transect approach Estimation of the abundance of major non-timber forest products in Andom forest using alternate transect line approach Some edible NTFPs of the forest zone of Cameroon Chemical composition of Some edible NTFPs of the forest zone of Cameroon
2-10	Survey on NTFPs in	2-10-1. Assessing natural regeneration of NTFPs	Bernard FOAHOM	<1 st >	Integrating local livelihood needs and global

	Ebolowa areas	and the impact of harvesting techniques.	NWEGUEH et al.	14:50 15:00	environment concerns, with special reference to climate regulation role of tropical rain forest Assessing diversity of priority Vegetative Non-Timber Forest Products (VNTFPs) in Community forestry. A tool for integrated management and improved community livelihood
		2-10-2. Ecological and ethno-botanical survey on NTFPs.	MABE et al. Yimbou, Njeudeng et al.	15:00 15:10 15:10 15:20	Contribution des PFNLs sur la subsistance des populations locales de la Forêt Communautaire AFCOM-E2M dans la région du Sud Cameroun Reconnaissance des produits forestiers non-ligneux utilisés dans les ménages avec accent sur <i>Ricinidendron heudelotii</i> et <i>Irvingia gabonensis</i>
		2-10-3. Participatory mapping of NTFP.	NWEGUEH et al.	<1 st >	An evaluation of the potentials of Non Timber Forest Products in the AFCE2M (Mbam Essaobam) Community forest, South region Cameroon

COFFEE BREAK: 15:20 – 15:35

Soil Science Group

Annual Report of Soil Science Group

Dr. Mvondo Ze

15:35-15:45

No.	Activity title	Breakdown	Presenter:		Title
3-1	Clarify soil-plant dynamics by soil/climate monitoring	3-1-1. Bertoua (Andom)	SUGIHARA et al.	×	Effect of vegetation on soil C, N, P and other minerals in Oxisols at the forest-savanna transition zone of central Africa
			SHIBATA et al.	×	Ecosystem processes and C dynamics in soils and original forest and savanna vegetations analyzed by the proton budget methodology using pan-lysimeter
			SHIBATA et al.	×	Analysis on C and nutrient dynamics after reclamation of original forest and savanna vegetations for agricultural production using pan-lysimeter
			ANDO et al.	×	Comparison of nutrient losses under different surface treatments of soils reclaimed after forest and savanna vegetations using the capirally lysimeter method
		3-1-2. Ebolowa (Biytili)			

3-2	Extensive survey on soil minerals and soil fertility of Cameroon.		ANDO et al. WATANABE et al. NAKAO et al.	15:45 15:55 × ×	Detailed characterization of soils from Andom, Bityili and Gribé in Cameroon Extensive survey on distribution patterns of crystalline and amorphous minerals in different regions of Cameroon with special reference to the function C accumulation of soils Analysis on the layer expansion of small amounts of illitic minerals in Oxisols from southern and eastern Cameroon using RIP methodology
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.	3-3-1. Bertoua (Andom)	SUGIHARA et al.	×	Effects of vegetation on soil microbial C, N, and P dynamics in a tropical forest and savanna of Central Africa
		3-3-2. Ebolowa (Biytili)			
3-4	Suggest the strategy for resource utilization at the boarder both forest and savanna zones.	3-4-1. Bertoua (Andom)			
		3-4-2. Ebolowa (Biytili)			
3. Progress reports 2014 by Field keepers 15:55-16:25					
	Andom Field Station	Mr. Dieudonne			15:55 - 16:05
	Gribé Field Station	Mr. Alidou			16:05 - 16:15
	Bityili Field Station	Mr. Tabi			16:15 - 16:25
4. Group work per component : Progress report and work plan 2015 16:25-17:30					
	Group work restitution	Designated Rapporteurs for the Different groups			
5. Plenary session for group work restitution 17:30-18:30					
6. Closing 18:30					
	Closing words	Dr. Foahom & Dr.Araki			