



# KONGAMANO LA KIMATAIFA LA KISAYANSI: MNYORORO WA THAMANI WA MAZAO YA MISITU NA NYUKI KWA MAISHA ENDELEVU NA UCHUMI WA VIWANDA

Tarehe: 23 - 25 Februari 2021

Mahali: Ukumbi wa Mkutano Mlimani City, Dar es Salaam Tanzania

Ratiba ya Kongamano





MUDA	TUKIO	WAHUSIKA	
	SIKU YA KWANZA 23 FEBRUARI 2021		
1:30 – 5:30 Kipindi 1. UF MWENDESH			
1:30 - 3:00	Washiriki kujisajili na Kifungua kinywa	Sekretariati	
3:00 - 3:10	Mgeni Rasmi Kuwasili katika viwanja vya Mlimani City	Itifaki	
3:10 – 3:15	Mgeni Rasmi kupata maelezo mafupi kuhusu Kongamano	Mhe. Dkt. Damas D. Ndumbaro (MB), Waziri wa Maliasili na Utalii	
3:15 – 3:20	Mgeni Rasmi kufungua maonesho	Mhe. Samia Suluhu Hassan, Makamu wa Rais, Jamhuri ya Muungano wa Tanzania	
3:20 - 3:40	Mgeni Rasmi kutembelea mabanda ya maonesho	Mhe. Samia Suluhu Hassan Makamu wa Rais, Jamhuri ya Muungano wa Tanzania	
3:40 – 4:00	Mgeni Rasmi kuingia ukumbini na Wimbo wa Taifa kupigwa	Brasi Bendi	
4:00 – 4:05	Neno la Ukaribisho kwa wageni wote wa ndani na nje	Mhe. Aboubakar Kunenge, Mkuu wa Mkoa DSM	
4:05 – 4:15	Utambulisho wa Meza Kuu na Washiriki wa Kongamano kwa makundi	Dkt. Aloyce Nzuki, Katibu Mkuu-WMU	
4:15 – 4:25	Maelezo kuhusu malengo ya kongamano	Dkt. Revocatus Mushumbusi Kaimu Mkurugenzi Mkuu TAFORI	
4:25 – 4:30	Maelezo kuhusu FORVAC	Bw. Juhani Harkonen – Mshauri Mkuu wa FORVAC	
4:30 – 4:45	<ul> <li>Maelezo mafupi kuhusu:-</li> <li>Mpango Mkuu wa Taifa wa Utafiti wa Ufugaji Nyuki Awamu ya Kwanza (NABERM I) 2020 – 2030; na</li> <li>Mpango Mkuu wa Taifa wa Utafiti wa Misitu Awamu ya Tatu (NAFORM III) 2021 – 2031.</li> </ul>	Dkt. Ezekiel Mwakalukwa - Mkurugenzi wa Misitu na Nyuki	
Saa 4:45 – 5:00	Hotuba ya Waziri wa Maliasili na Utalii (WMU) na kumakaribisha Mgeni Rasmi	Mhe. Dkt. Damas D. Ndumbaro (MB), Waziri wa Maliasili na Utalii	





MUDA	TUKIO	WAHUSIKA
	Kongamano	Mhe. Samia Suluhu Hassan Makamu wa Rais, Jamhuri ya Muungano wa Tanzania
Saa 5:20 – 5:30	Mpango Mkuu wa Taifa wa Utafiti wa	Mhe. Samia Suluhu Hassan Makamu wa Rais, Jamhuri ya Muungano wa Tanzania
Saa 5:30 – 5:35		Bw. Jackson Musome, Mwenyekiti NABAC
Saa 5:35 – 5:50	l •	Afisa Kumbukumbu na Mawasiliano – TAFORI
Saa 5:50 – 6:00	Mgeni Rasmi kuondoka ukumbini	Itifaki





# INTERNATIONAL SCIENTIFIC CONFERENCE (ISC) ON FOREST AND HONEYBEE PRODUCTS VALUE CHAIN FOR SUSTAINABLE LIVELIHOODS AND INDUSTRIAL ECONOMY

**Dates: 23 – 25th February 2021** 

Venue: Mlimani City Conference Centre, Dar es Salaam Tanzania

#### **Conference Program**

TIME	ACTIVITY	RESPONSIBLE PERSONS		
	DAY ONE 23 FEBRUARY 2021			
07:30 – 11:30 Session 1. OF Moderator: -	Session 1. OPENING CEREMONY			
07:30 - 09:00	Registration and Morning tea/coffee- Breakfast	Secretariat		
09:00 - 09:10	Guest of Honour arrival at Mlimani City grounds	Protocol team		
09:10 – 09:15	Briefing Guest of Honour on the Conference	Hon. Dr. Damas D. Ndumbaro Minister - MNRT		
09:15 – 09:20	Guest of Honour to Officially open the ISC Exhibition	Hon. Samia Suluhu Hassan, Vice President, United Republic of Tanzania		
09:20 - 09:40	Guest of Hour to visit Exhibition stands	Hon. Samia Suluhu Hassan, Vice President, United Republic of Tanzania		
09:40 – 10:00	Guest of Honour to enter the conference room and National Anthem to be sang	Brass band		
10:00 – 10:05	Welcome Remark from the Regional Commissioner	Hon. Aboubakar Kunenge, RC DSM		
10:05 – 10:15	Introductions of the dignitaries and Conference participants (Nationality/Institutional/Sector representation) Acknowledging online participants	Dr. Aloyce Nzuki , PS, MNRT		
10:15 – 10:25	Brief presentation - Objectives of the International Scientific Conference on Forest and Honeybee Products Value Chain for sustainable livelihoods and industrial economy	Dr. Revocatus Mushumbusi – ADG TAFORI		





TIME	ACTIVITY	RESPONSIBLE PERSONS
10:25 – 10:30	Brief presentation on FORVAC	Mr. Juhani Harkonen – Chief Technical Advisor (CTA) FORVAC
10:30 – 10:45	<ul> <li>Briefing on:-</li> <li>National Beekeeping Research Master Plan I (NABERM I) 2020; and</li> <li>National Forestry Research Master Plan III (NAFORM III) 2021 – 203</li> </ul>	Dr. Ezekiel Mwakalukwa – Director of Forest and Beekeeping
10:45 –11:00	Remarks from the Minister, followed by a request to the Guest of Honour to Officially open the Conference	Hon. Dr. Damas D. Ndumbaro Minister - MNRT
11:00 – 11:20	Official Opening of the 2021 TAFORI International Scientific Conference on Forest and Honeybee's Value Chains products for sustainable livelihoods and industrial economy	Hon. Samia Suluhu Hassan, Vice President, United Republic of Tanzania
11:20 – 11:30	<ul> <li>Inauguration of:-</li> <li>National Beekeeping Research Master Plan I (NABERM I) 2020; and</li> <li>National Forestry Research Master Plan III (NAFORM III) 2021 – 2031.</li> </ul>	Hon. Samia Suluhu Hassan, Vice President, United Republic of Tanzania
11:30 – 11:35	Vote of thanks	Mr. Jackson Musome, Chairman NABAC
11:35 – 11:50	Group Photo	TAFORI Communications Unit
11:50 – 12:00	Guest of Honour departure	Protocol team

#### **TECHNICAL PRESENTATIONS**

Lead Facilitator: Dr. Aichi Kitalyi

Rapporteurs: Mr. Geofrey Njovangwa, Mr. Dickson Xavery, James Lyamuya

and Dr. Amani Uiso

12:00 - 13:00

SESSION 2: THEMATIC AREA 1 FOREST PRODUCTS VALUE CHAINS

Moderator: Facilitator - Prof. Suzana Augustino





TIME	ACTIVITY	RESPONSIBLE PERSONS	
12:00- 12:15	Keynote Address Forest harvesting and wood supply trends in Tanzania	Prof. Dos Santos Silayo – Tanzania Forest Services Agency	
12:15-12:30	Understanding the status of insect pests, diseases and soil problems in forest production plantations and woodlots of Tanzania		
12:30 – 12:45	Initiatives for improving sustainable supply of Tectona grandis I. (Teak) in Tanzania	Maduka, M.S., Bakengesa, S.S., Mtika, J., Katety, H., Mgoo, S.J. and Masunga, E.W	
12:45 -13:00	Harvesting and trading of forest products from Tanzanian Village Land Forest Reserves: Exploring an ambiguity of estimating stocking		
13:00 – 13:20	QUESTIONS AND ANSWERS	Moderator – Prof. Suzana Augustino	
13:20	– 14:00 LUI	NCH BREAK	
CONTINUE. PRESENTATI	SESSION 3. THEMATIC AREA 1. FOREST PRODUCTS VALUE CHAINS		
14:00 – 14:15	Keynote Address Forest products value chain development through sustainable timber harvesting under CBFM villages in South-Eastern Tanzania	Makala, J. Mpingo Conservation	
14:15 – 14:30	Some physical and strength properties of Mangifera indica: Indicator for wood quality along the forest products value chains in Tanzania	Balama, C., Laswai, F., Nyaradani, G., Kapinga, C., Kavishe, M., Msigala, A. Chilongola, Y. and Mahiku, H.	
14:30 – 14:45	Unexplored potential of dry forests and woodlands in advancing industrial economy in Tanzania	Mbwambo, J.R. TAFORI	
14:45 – 15:00	Contribution of patches of natural forests retained around homesteads and farmlands in the forest	Bakengesa, S.S., Amanzi, N.S., Mndolwa, A. and Mwiga, G.	





TIME	ACTIVITY	RESPONSIBLE PERSONS
	value chains in Manyara-Tarangire ecosystem, Tanzania	
15:00 – 15:15	Abundance and marketing of <i>Phoenix reclinata</i> (Ukindu) products in Tanzania	Amanzi, N., Pima, N.E. and Kaniki, A.
15:15 – 15:35	QUESTIONS AND ANSWERS	Moderator –Prof. Suzana Augustino
15:35 – 15:50	Analytical characterization of actors in sawn wood value chain in Tanzania	Kapinga, C., Ngaga, Y., Kessy, J.F. and Balama, C.
15:50 – 16:05	Value chain analysis for sawn wood from Ulanga District, Tanzania	Mwinyimkuu, R.S., Abdallah, J.M. and Makindara, J.R.
15:05 - 16:20	Upgrading trajectories in domestic value chains: Experience from non-industrial private forestry in the Southern Highlands of Tanzania	Respikius, M., Laesen, M.N., Hansen, E.F., and Mhando, D.G.
16 :20 –16 :35	The potential of nature-based enterprises in the Arid and Semi-arid lands of Kenya: Case studies in Loima and Turkana West Sub-counties, Turkana County	Mwirigi, P.M. Kenya Forestry Research Institute
16:35 – 17:00	QUESTIONS AND ANSWERS	Moderator - Prof. Yonika Ngaga
17 :00 – 17 :10	Wrap up Day One and Logistics if any	Facilitator/Secretariat
17:10 -	17:30	TEA/COFFEE BREAK
18:30 – 20:00		COCKTAIL
	DAY TWO 24TH FEBRUARY 20	21
7:30 – 08:30	Registration	Secretariat
08:30 -08:40	Announcements and Reflection on Day one	Secretariat and Facilitator
08:40 – 13:00 SESSION 4 Thematic Area 1 Continue: Forest Products Value chains		
08:40 – 08:55	r. Jeremia Makindara	Ham, C.
00.40 <b>–</b> 00.33	Keynote Address International investment in forest products – the importance of value chain information	Margules Groome Consulting South Africa - Online
08:55 – 09:10	Market System Analysis of Bamboo Products in Tanzania	Magafu, L., Abdallah, J.M. and Ishengoma R.C.





TIME	ACTIVITY	RESPONSIBLE PERSONS
09:10 – 09:25	Local made soap from <i>Lantana camara</i> and other local available resources: a case of Chemba District, Dodoma Region.	Semdoe, M. Chemba District Council
09:25 – 09:40	Current status and market analysis for aloe products in Samburu county, Kenya	Elyas, H., Luvanda, A.M. and Mwalewa, S.U.
09:40 – 10:00	QUESTIONS AND ANSWERS	Moderator -Dr. Jeremia Makindara
10:00 – 1	LO:40	TEA/COFFEE
	Is collective entrepreneurship a good approach of operating small and medium forest enterprises in Tanzania?	Tutuba, N.B. and Msamula, J.S.
	Urban green belts as important refugia for small mammal species: The case study of Njiro urban forest in Arusha	Mumbi, C.T., Lyakurwa, V.J. and Majige, F.J.
11:15 – 11:30	QUESTIONS AND ANSWERS	Moderator: Jeremia Makindara
	r. Daniel Pancras and Mr. Seif Salum	Manaka M L K
	Keynote Address 1 Honeybee products value chain in Tanzania: The	Manoko, M.L.K College of Agricultural
	stronger areas, the weaker points, and the missing links	
11:35 – 11:50	Distribution map of pollen and honey types in Tanzania	Mumbi, C.T., Marealle, W. and Kipemba, N.J.
11:50 – 12:05	Determinants of beekeeping productivity in Tanzania	Njovu, H.K., Mremi, R., Mseja, G.A., Eustace, A. and Dewenter, I.S.
12:05 – 12:20	Ecosystem dynamics in the Eastern Arc Mountain forests of Tanzania based on fossil and modern pollen flora	Mumbi, C.T. and Marchant, R.A
12:20 – 13:00	Questions and Answers	Moderator - Mr. Daniel Pancras
13:00 -	14:00 LUN	ICH BREAK
14:00 – 14:15	Taxonomic survey of Mellifeous plants in Ijagun community of Odobolu local government area of Ogun state Nigeria	Olawumi, A.T. and Banjo, O.S.





TIME	ACTIVITY	RESPONSIBLE PERSONS
14:15 – 14:30	Climate smart apiculture technologies, innovations and management practices: Their potential to improve hive productivity and food security in ASALS in Kenya	Gichora M., Muli, E., Kagio, S., Kamau, S., Kiprop, J. Mweu, B. Nyamu, V., Nzuki, C., Onyango, I., Toroitich, F., Ingutia, C. and Kiprop, A.
14:30 – 14:45	Zero-grazing technology in bee keeping and production maximization using chia seeds	Ndirangu, J. Kenya Methodist University
14:45 – 15:00	Edible insects value chain in cross river state, Nigeria	Okweche, S.I. and Atah, V.A.
15:00 – 15:20	Questions and Answers	Moderator - Seif Salum
15:20 – 15:35	Honey Value chain development in Ruvuma, Tanzania	Msolla, P., Abdallah, J.M. and Ishengoma, R.C.
15:35 – 15:50	Beekeeping cluster initiative, a new approach to honey and bees wax value chain process. A field experience from Manyoni district, Tanzania	Kidua, C.T.
15:50 - 16:05	Potentials benefits and challenges of apiculture as a tool for ecotourism development in Nigeria	Banjo, O.S. and Olawumi, A.T.
16:05 – 16:20	Pot-honey Value Chain: Challenges and opportunities to uncover the potential of meliponiculture in Tanzania	Mduda, C.A., Mbegallo, F.J., Hussein, J.M. and Muruke, M.H.
16:20 – 16:40	Questions and Answers	Moderator – Mr. Seif Salum
16:40 – 16:50	Wrap up Day 2 and Logistics if any	Facilitator
16:50 – 17:00	Posters and Exhibition	
17:00 – :	17:30 TEA	COFEE BREAK
	DAY THREE 25TH FEBRUARY 2	021

### SESSION 6 THEMATIC AREA 2 HONEYBEE PRODUCTS VALUE CHAIN CONTINUE

Moderator: Dr. Danstan Kabialo

07:30 - 08:00	Registration	Secretariat
08:00 - 08:15	Keynote Address 2	Mpinga, I.H.





TIME	ACTIVITY	RESPONSIBLE PERSONS
	Beekeeping developments in Tanzania, Value Chains, bee products trade and markets, Beekeeping value chain challenges and Opportunities	Mpinga Honey and Sundries
	Enhancing beekeeping value chain management as an equitable livelihood to communities within and adjacent Ngorongoro conservation area	Fedes, M.E. and Hassan, L.A.
08:30 - 08:45	Honeybee products trade performance in Tanzania	Mmasa, J.J.
	Business Ecosystem: An innovative mode I to commercialize the beekeeping industry in Tanzania.	Tutuba, N.B. and Msamula, J.S.
	Improvement of Honey Marketing in Njombe and Siha districts	Raphael, C.
	Opportunities and challenges facing dissemination of forestry and beekeeping research results in Tanzania: Experiences form Tanzania Forestry Research Institute (TAFORI)	Kagosi, P.J., Njovangwa, G., Uisso, A.J. and Kajembe, J.
09:15 – 09:35	QUESTIONS AND ANSWERS	Moderator - Dr. Danstan Kabialo
09:35 –	11:00	TEA/COFEE BREAK
	THEMATIC AREA 3: POLICIES AND LEGIS oderator - Dr. Lawrence Mbwambo	SLATIONS
	Keynote address 1 Policies and Legislations governing forest and bee products development and trade in Tanzania	Mwakalukwa, E.E. Forest and Beekeeping Division-MNRT
	Keynote Address 2: Forest based enterprises and value chain – linking practice and policy in Tanzania	Meshack, C.K. Tanzania Forest Conservation Group
	The role of National Forest Policy and Legislation in creating business enabling environment for sawn wood value chain from government and private plantations in Tanzania.	Kapinga, C., Ngaga, Y., Kessy, J.F., Balama, C. and Kagosi, P.
	Strengthening Tanzania's competitiveness to trade in forest and bee products: A policy and regulatory perspective	Temu, A.B.





TIME		RESPONSIBLE PERSONS
	Consumer Country enforcement – combatting illegal trade in forestry	Dr. Amar Shanghavi
12:20 – 12:50	Questions and Answers	Moderator - Dr. Lawrence Mbwambo
13:00 – 1	L4:00	LUNCH BREAK
14:00 – 15:00		Secretariat and Facilitator Twenty Minutes for each theme
Session 8: Clo Facilitator: Dr	osing Ceremony . Aichi Kitalyi	
14:00 – 14:30		Dr. F. Kilahama TAFORI Board Chair and Dr. R. Mushumbusi TAFORI ADG
		Dr. Revocatus Mushumbusi TAFORI ADG
15 :00 – 15 :10	Guest of Honour to enter the conference room	Facilitator
15 :10 – 15 :30		Dr. Siima Bakengesa ISC Committee Chairperson
	A word of thanks from the TAFORI Board chair and presenting a request to the Guest of Honor to Officiate the Conference Closing	TAFORI Board Chair
15:45 – 16:00	Official Closing Address	Hon. Dr. Damas D. Ndumbaro (MP) WMU
16:00 – 16:10		Protocol





Kipindi 8: Kufunga Kongamano MWENDESHAJI: Dr. Aichi Kitalyi		
8:00 - 8:30	Mgeni Rasmi Kuwasili na Kutembelea	
	Maonesho	Itifaki
8:30 - 9:00	Mgeni Rasmi Kupata taarifa fupi ya	Dr. Revocatus
	Kongamano	Mushumbusi
		Kaimu Mkurugenzi
		TAFORI
9:00- 9:10	Mgeni Rasmi Kuwasili Ukumbini	Brasi Bendi Kuimba
		wimbo wa Taifa
9:10 - 9 :30	Taarifa ya hoja kuu zilizoibuliwa kwenye	Dr. Siima Bakengesa
	Kongamano	Mwenyekiti Kamati ya
		Maandalizi
9:30 - 9:50	Neno la shukrani kwa washiriki na	Dr. Felician Kilahama
	Kumkaribisha Mgeni Rasmi kutoa hotuba	Mwenyekiti wa Bodi ya
	ya kufunga	TAFORI
9:50- 10:10	Hotuba ya Kufunga Kongamano	Mhe. Dr. Damas D.
		Ndumbaro (MB) WMU
10:10 – 10:20	Mgeni Rasmi Kuondoka	