

RESEARCH PROJECTS

SN	Title	Funder	Members	Participating Institute (s)	Start Date	End Date	Status
JULY 2021 TO JUNE 2022							
1.	Assessing Growth Performance, Productivity and Utilization Properties of selected commercial bamboo species in Tanzania.	TaFF	Dr. Thomas Sawe, Dr. Nancy Pima, Dr. Stephen Maduka, Dr. Chelestino Balama, Dr. Numan Amanzi, and Ms. Milkajane Sangiwa	TAFORI	July, 2022	July, 2025	On-going
2.	Forest Resource Mapping for Enhancing the Productivity of Wood Based Industries in Tanzania	TaFF	Dr. Emmanuel J. Mwainunu, Dr. Chelestino Balama, Prof. Moses Azong Cho, James Lyamuya, Dr. Upendo Msalilwa, Dr. Siima Bakengesa, Mr. Rodgers Nyinondi, Mr. Rashid Mgeni, Mr. Makarius Kavishe, Mr. Lwitiko Assel, Mr. Ramadhan Karim and Mr.	TAFORI	June, 2022	June, 2024	On-going

SN	Title	Funder	Members	Participating Institute (s)	Start Date	End Date	Status
			George Mwiga				
3.	Improving Forest and Beekeeping Management Information System (FBMIS) to accommodate datasets emerging from various research projects and programmes in Tanzania	TaFF	Mr. Johnson Massawe, Dr. Amani. J. Uisso and Mr. Geoffrey Njovangwa, Ms. Lilian Patrick Ngowi and Mr. Bakari Shegembe,	TAFORI, TFD, FDT, Council for Scientific and Industrial Research	June, 2022	June, 2024	On-going
4.	Conservation of <i>Pterocarpus tinctorius</i> (Mkurungu) and other selected commercial reserved indigenous timber trees species in Tanzania	TaFF	Dr. Stephen M. Maduka, Dr. Jonh R. Mbwambo, Dr. Siima S. Bakengesa, Mr. Dickson K. Xavery and Mr. Filbert Meela	TAFORI, MNRT, TFS	June, 2022	June, 2024	On-going
5.	Strengthening the capacity of Tanzania Forestry Research Institute to deliver quality research services and improve forest resources management.	TaFF	Dr. John Richard Mbwambo, Dr. Elisha Elifuraha, Dr. Nancy Pima, Mr. Francis Laswai, Mr. Iddy Omary, Mr. James Lyamuya and Ms. Navoneiwa Chikira	TAFORI	June, 2022	June, 2024	On-going

SN	Title	Funder	Members	Participating Institute (s)	Start Date	End Date	Status
6.	Sustainable Beekeeping in Tanzania through Unlocking Challenges Facing Beekeeping Sector for Improved Livelihood, Industrial Development and Biodiversity Conservation	TaFF	Mr. Allen K. Richard, Dr. Cassian T. Mumbi, Dr. William J. Kindeketa, Dr. Thomas Sawe, Dr. Nicephor P. Lesio,	TAFORI, TAWIRI	June, 2022	June, 2024	On-going
7.	Development of Tanzania Forestry Research Institute website	TAFORI	Dr. Siima Bakengesa, Mr. Johnson Massawe, Mr. Geoffrey Njovangwa and Mr. Kinggeorge Magaga	TAFORI	February, 2022	May, 2022	Completed
8.	Production of a popular version report for the scientific conference	FORVAC	Dr. Siima Bakengesa, Dr Amani Uisso, Mr Alloyce Mpiri , Mr Dickson Xavery and Mr. Njovangwa	TAFORI	November, 2021	July, 2022	Completed
9.	Linking Beekeeping, Crop Pollination and Community Livelihood for Enhanced Conservation of Eastern Arc Mountains (EAM's) in Tanzania	EAMCEF	Dr. Thomas C. Sawe	TAFORI	October, 2021		On-going
10.	Market Analysis for Products Derived from EAMCEF Supported Projects in the Eastern Arc Mountains (EAMs) of Tanzania	EAMCEF	Dr. Chelestino Balama, Dr. Pilly Kagosi, Mr. Helladius Tumwesige and	TAFORI	September, 2021	August, 2022	On-going

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			Mr. Yohana Magangali				
11.	Assessing Contribution of Ecotourism to Forest Conservation and Improvement of Community Livelihood in Eastern Arc Mountains of Tanzania	EAMCEF	Mr. Geoffrey Njovangwa, Dr. Chelestino Balama, Mr. Siwa Ernest and Mr. Johnson Massawe	TAFORI	September, 2021	August, 2022	On-going
12.	Operationalization of the Tool on Systematic Mechanism of Reporting Illegal Activities in the Eastern Arc Mountains of Tanzania.	EAMCEF	Dr. Chelestino Balama, Mr. Johnson Massawe, Mr. Geoffrey Njovangwa and Mr. Siwa Ernest	TAFORI	September, 2021	August, 2022	On-going
13.	African honey bee: Does exposure to Neonicotinoids field dose increase virulence to <i>V. destructor</i> ?	Eva Crane Trust	Dr. Thomas Sawe	TAFORI	August, 2021	September, 2022	On-going
14.	Beekeeping in Tanzania: Enhancing hive occupancy and production of honeybee products for improved livelihoods in selected beekeeping potential areas	MNRT	Dr. Nicephor P. Lesio, Dr. Wilfred Marealle, Dr. Emmanuel Mmmasy, Dr. Angela Mwakatobe, Mr. Allen K. Richard, Dr. Thomas Sawe, Mr. Stanslaus B. Lukiko and Ms.	TAFORI, TAWIRI, BTI	July, 2021	July, 2024	On-going

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			Loveness Munisi				
JULY 2020 TO JUNE 2021							
15.	Digitization of TAFORI Herbarium to Improve Data Accessibility and Handling” submitted to Global Biodiversity Information Facility (GBIF)	GBIF	Dr Thomas Sawe, Dr Amani Uisso, Mr. Siwa Nkya, Ms. Jacqueline Kajembe, Mr. Johnson Massawe, Mr. Geoffrey Njovangwa and Ms. Ashura Kaniki	TAFORI	June, 2021	April, 2023	On-going
16.	Establishment of Online Journal and Research Projects registration System	TaFF	Dr. Siima Bakengesa, Mr. Johnson Massawe, Mr. Geoffrey Njovangwa, Mr. Kelvin Mtei, Mr. Bakari Sheghembe, Mr. Meshack Messam, Mr. Heri Jackson and Mr. Victor Kalabamu	TAFORI, MNRT, TFS	May, 2021	October, 2021	Completed

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17.	Evaluation of beekeeping programs and their contribution to communities' livelihoods and conservation of forest resources in Tanzania	TaFF	Mr. Allen Richard, Dr. Chelestino Balama, Dr. Pilly Kagosi, Dr. Numan Amanzi, Dr. Consolatha Kapinga and Ms. Milkajane Sangiwa	TAFORI	April, 2021	July, 2023	On-going
18.	Mapping of forest plantation in Tanzania: Application of Remote Sensing and GIS technologies: Piloting phase	FDT, TFS, TAFORI	Dr. Siima S. Bakengesa and Mr. Siwa E. Nkya	FDT, TFS, TAFORI	March, 2021		On-going
19.	Investigating Pests and Diseases affecting Tree Seed Orchards in The Southern Highlands and Eastern Zones of Tanzania.	TaFF	Mr. Chrispine S. Njau, Dr. Revocatus P. Mushumbusi and Dr. Siima S. Bakengesa	TAFORI	March, 2021		On-going
20.	Understanding the Status of Insect pests, Diseases and Soil problems in Forest Plantations and Woodlots of Tanzania	TFS	Dr. Revocatus Petro, Dr. Siima S. Bakengesa, Mr. Filbert Meela, Mr. Chrispine S. Njau, Mr. Paul. J. Lyimo, Mr. Osmund A. Ndomba, Mr. Maneno Y. Chidege and Mr.	TAFORI	December, 2020		On-going

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			Zawadi D. Mbwambo				
21.	Revival of Permanent Sample Plots (PSPs) established by Tanzania Forestry Research Institute (TAFORI) In Southern Highlands, Eastern and Central Miombo Woodlands of Tanzania”	TaFF	Mr. Ernest Siwa and Mr. Joshua Maguzu	TAFORI	October, 2020		On-going
JULY 2019 TO JUNE 2020							
22.	Effects of <i>Pinus patula</i> rotations on soil and foliar nutrients contents in Sao Hill Forest plantation, Tanzania	TaFF	Mr Francis Laswai and Mr. Joshua Maguzu	TAFORI	March, 2020		Completed
23.	Strengthening TAFORI capacity for implementation of National CITES Scientific Authority roles	World Wide Fund for Nature (WWF)	Dr. Chelestino Balama and Dr. Consolatha Kapinga	TAFORI	February, 2020		Completed
24.	Determination of wood properties for three lesser known indigenous timber species from some forest reserves at Kibiti District, Pwani Region.	Tanzania Forest Services Agency (TFS), Kibiti District Office	Dr. Chelestino Balama, Mr. Francis Laswai, Mr. Geoffrey Nyaradani, Dr. Consolatha Kapinga and Mr. Yona Chilongola	TAFORI	February, 2020		Completed

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25.	Piloting innovative community Business models for accelerating uptake of efficient electric cooking appliances	Modern Energy Cooking Services – Electric Cooking Outreach (MECS-ECO)	Ms. Mary Shayo, Mr. Emmanuel Nyanda, Dr. Chelestino Balama and Mr. Martin Lukac	SESCOM, PO-RALG, TAFORI and Nexleaf Analytics- USA	January, 2020		Completed
26.	Status of <i>Osyris lanceolata</i> in Tanzania	EU Support (CITES Tree species programme)	Dr. Consolatha Kapinga, Dr. Numan Amanzi and Mr. Siwa E. Nkya	TAFORI	January, 2020		Completed
27.	Development of Non-Detriment Findings report for <i>Osyris lanceolata</i> in Tanzania	EU Support (CITES Tree species programme)	Dr. Chelestino Balama and Dr. Consolatha Kapinga	TAFORI	January, 2020		Completed
28.	Finding common ground: living labs for linking conservation to rural community livelihood in the Western Usambara Mountains Tanzania (LiveLabLink)	VLIR-UOS	Prof. Didas Kimaro, Prof. Karen Vancampenhout, Prof. Bart Muys, Prof. Herwig Leirs, Dr. John R. Mbwambo	TAFORI	January, 2020		Completed
29.	Implementation of the international scientific conference on forest and honeybee products value chains for development of sustainable livelihoods and industrial economy	FORVAC	Dr. Siima Bakengesa	TAFORI	January, 2020	May, 2021	Completed

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30.							
31.	Estimating effects of forest plantations on water resources of Kilolo District, Tanzania.	TaFF	Dr. Nancy Pima, Dr. Chelestino Balama, Mr. Siwa Ernest, Mr. Joshua Maguzu and Dr. Winfred Mbungu	TAFORI	January, 2020	September, 2022	Ongoing
32.	<i>Assessment of Population Structure, Regeneration Potential and phenological pattern of Warbugia Ugandensis</i> in Lushoto District	TaFF	Dr. Revocatus Mushumbusi, Dr. Nancy Pima, Dr. Stephen Maduka and Nanyika Kaniki	TAFORI	January, 2020	September, 2022	Ongoing
33.	Establishment and Performance assessment of <i>milicia excelsa</i> and <i>Khaya anthotheca</i> as potential indigeneous tree species for forest plantation in Tanzania	TaFF	Dr. Pilly Kagosi, Mr. Siwa Ernest, Dr. Siima Bakengesa, Mr. Joshua Maguzu, Dr. Nancy Pima	TAFORI	November, 2019		Time lapse
34.	Institutional Capacity Building Writing Winning Research Proposals	TaFF	Dr. Nancy Pima, Dr. Amani J. Uisso, Dr. Stephen Maduka, Dr. Revocatus Mushumbusi	TAFORI	July, 2019		Completed
JULY 2018 TO JUNE 2019							

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35.	Rehabilitation and Conservation of Mwalimu Nyerere's Muhunda Forest Reserve, Butiama District, Mara Region.	TaFF	Mr. Omary I. Dibwa, Dr. Amani J. Uisso and Dr. Stephen S. Maduka and Dr. Revocatus P. Mushumbusi,	TAFORI	June, 2019		Completed
36.	Pests and Diseases in Tree Genetic Trials in the Southern Highlands and in the Warmer Drier Areas	FDT	Mr. Chrispine S. Njau, Dr. Revocatus Petro and Dr. Siima Bakengesa	TAFORI	May, 2019		Completed
37.	Causes of Mortality Rates of <i>Pinus patula</i> Seedlings in Private Forest Programme Area	PFP	Mr. Chrispine S. Njau, Dr. Revocatus Petro and Dr. Siima Bakengesa	TAFORI	October, 2018		Completed
38.	Assessment of cost-benefit analysis for EAMCEF small and large supported projects in the Eastern Arc Mountains, Tanzania	EAMCEF	Dr. Chelestino Balama, Dr. Pilly Kagosi, Mr. Helladius Tumwesige and Mr. Yohana Magangali	TAFORI	September, 2018	July, 2020	Completed
39.	Developing a mechanism for reporting illegal activities for sustainable forest management in the Eastern Arc Mountains, Tanzania	EAMCEF	Dr. Chelestino Balama, Mr. Ernest Siwa, Mr. Johnson Massawe, Mr. Justin Alphonse	TAFORI	September, 2018	July, 2020	Completed

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			and Mr. Geoffrey Njovangwa				
JULY 2017 TO JUNE 2018							
40.	Determine the effect of resin tapping on growth and wood quality of <i>Pinus patula</i> at SaoHill	TaFF	Prof Malimbwi R. E, Prof Chamshama S.A.O, Dr Mugasha W.A, Dr Revocatus Mushumbusi, Mr Francis Laswai and Mr Salehe B	TAFORI	March, 2018		Completed
41.	Assessing survival, growth and performance of <i>Acacia mangium</i> for timber and poles production in Tanzania.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed
42.	Assessing the effect of spacing and weeding for the growth of <i>Dendrocalamus Membranaceae CV grandis</i> in order to reduce costs of plantation maintenance and increase productivity.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed
43.	Assessing growth and performance of <i>Gmerina arborea</i> for timber and poles production in Tanzania.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed
44.	Assessing survival and growth performance of <i>Eucalyptus</i> clones for poles and timber production in Tanzania.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed

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45.	Assessing survival and growth performance of <i>Khaya anthotheca</i> in relation to age for timber production.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed
46.	Assessing survival and growth performance of <i>Khaya anthotheca</i> in relation to age for timber and poles production in Tanzania.	TaFF	Dr. Nancy Pima, Nezia Byakugila, Pray Solomon	TAFORI	January, 2018	June, 2019	Completed
47.	Assessing the Effect of Different Planting Techniques on tree survival and growth performance for Arid and semi-arid Land at Mtumba village, Dodoma and Manyoni, Singida.	TaFF	Dr. Elifuraha E Njoghomi, Mr. Faustine L Massawe & Mr. Naftali L. Mahewa	TAFORI	July, 2017		Completed
48.	Assessing growth, survival and performance of <i>Azelia quanzensis</i> in relation to age for timber production.	TaFF	Mr. Faustine L Massawe & Mr. Naftali L. Mahewa	TAFORI	July, 2017		Completed
49.	Establishment of Eucalyptus Clone stand at Arid Zone Afforestation Research Centre (AZARC)	TaFF	Mr. Faustine L Massawe & Mr. Naftali L. Mahewa	TAFORI	July, 2017		Completed
50.	Assessing growth performance of <i>Gmelina arborea</i> for timber and poles production in Semi-arid areas of Tanzania.	TaFF	Mr. Faustine L Massawe & Mr. Naftali L. Mahewa	TAFORI	July, 2017		Completed
JULY 2016 TO JUNE 2017							
51.	Determination of physical, mechanical and anatomical properties of lesser known timber species identified from some production forest reserves in Lindi, Mtwara and Ruvuma, Tanzania	TFS Southern Zone	Dr. Revocatus Mushumbusi, Mr Francis Laswai and Dr Chelestino Balama	TAFORI	March, 2017		Completed

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52.	Determination of rotation age of <i>Pinus patula</i> , <i>P. caribaea</i> , <i>P. kesiya</i> and <i>P. tecunumannii</i> in some public sector forest plantations, Tanzania	TFS	Mr. Francis Laswai, Prof. R.E Malimbwi, Prof S.A.O Chamshama and Prof Abdallah J	TAFORI	December, 2016		Completed
JULY 2015 TO JUNE 2016; JULY 2016 TO JUNE 2017; JULY 2017 TO JUNE 2018; AND JULY 2018 TO JUNE 2019							
53.	Determination of physical and strength properties of some major plantation timber tree species at different ages in Tanzania	TFS	Mr. Francis Laswai, Prof. S.A.O Chamshama, Prof: Abdallah J, Dr. Revocatus Mushumbusi, Dr. Chelestino Balama and Dr. Nancy Pima	TAFORI	February, 2016		Completed
54.	Building capacity of private tree nursery operators through training on the best tree nurseries establishment and management techniques for improving the quality of tree seedlings to enhance urban forestry in Kinondoni Municipality, Dar es Salaam City	TaFF	Dr. Amani J. Uisso and Dr. Chelestino Balama	TAFORI	April, 2016		Completed
55.	Woody invasive alien species in East Africa: Assessing and mitigating their negative impact on ecosystem services and rural livelihood	Centre for Agriculture and Bioscience International (CABI)	Dr. John Richard	TAFORI	July, 2015		Completed