

Supplementary File 1: Survey Questionnaire

1. Questions regarding demographic characteristics

- 1.1. What is your gender?
- 1.2. What is your age?
- 1.3. What is your highest education level?
- 1.4. What is your average weekly income?
- 1.5. What is your family size?
- 1.6. What is your employment status?
- 1.7. Size of land _____ Hectares

2. Perception of ecosystem services generated by agroforests

- 2.1. Are the ecosystem services generated by trees and forests on your farm important?
- 2.2. To what degree do you agree with the following statements regarding the types of ecosystem services generated by agroforests?
 - 2.2.1. Provisioning ecosystem services are the most important ecosystem services from agroforests
■Strongly Disagree ■Disagree ■Uncertain ■Agree ■Strongly Agree
 - 2.2.2. Regulating services are the most important ecosystem services generated by agroforests
■Strongly Disagree ■Disagree ■Uncertain ■Agree ■Strongly Agree
 - 2.2.3. Regulating services are the most important ecosystem services generated by agroforests
■Strongly Disagree ■Disagree ■Uncertain ■Agree ■Strongly Agree
 - 2.2.4. Cultural services are the most important ecosystem services from agroforests
■Strongly Disagree ■Disagree ■Uncertain ■Agree ■Strongly Agree

2.3. Among the ecosystem services generated by agroforests, the following are the most important (Tick appropriately against each specific ecosystem service if you agree or disagree in the table below).

Category of Service	Specific ecosystem service	Responses				
		Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
Provisioning	Fuel wood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Timber	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Poles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fodder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fruits and Nuts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Regulatory	Soil erosion control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Water infiltration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Micro climate influence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Flood control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Disease/pests control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Supporting	Nutrient Recycling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Soil formation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cultural	Spiritual	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Recreation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Education	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Aesthetic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

3. Improving the delivery of ecosystem services from agroforests in Kakamega County

1.1. The following are the main challenges affecting the delivery of ecosystem services from agroforests. Do you agree? (Tick appropriately against each challenge if you agree or disagree with the table below.)

Challenge	Responses				
	Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
Long time it takes to achieve ecosystem services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Limited awareness on the importance of ecosystem services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Non-implementation of laws and policies that promote on-farm ecosystem services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Limited research and dissemination of findings on the importance of ecosystem services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inadequacy of incentives and lack of repurposed subsidies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

1.2. The following are the most feasible strategies for improving the delivery of ecosystem services from agroforests: Do you agree? (Tick appropriately against each strategy if you agree or disagree in the table below)

Strategy	Responses				
	Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
Implement laws and policies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Establish and strengthen institutions that support agroforestry development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Promote education and awareness amongst stakeholders on the importance of agroforests	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Conduct more research and disseminate findings on the importance of ecosystem services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Provide incentives and repurpose the provision of subsidies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>