



Background Paper 1

ECONOMIC CONTRIBUTIONS OF FORESTS

Executive Summary:
Economic Contributions of Forests

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EXECUTIVE SUMMARY

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2.2. Forest Transition Theories

Figure 2: Representing forest transition theory

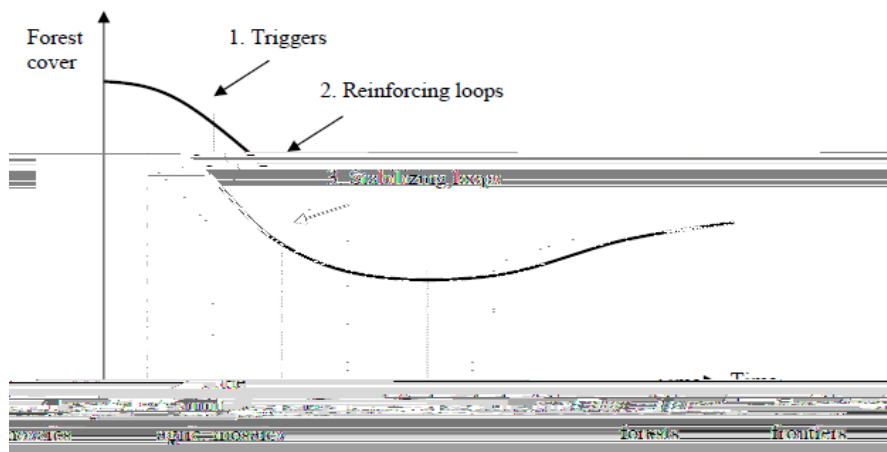


Figure 4: Global forest cover change at the national level (Source: FAO 2006-2011)



2.7. Summary of Forest Change Patterns

3. FOREST ECONOMY AND ITS CHALLENGES

by

3.1 Monetized and cash value contributions from forests

Figure 7: Forest sector formal employment by region

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respectively 1.5×10^{-5} Tf .225 0 TD .0007 Tc (differences) Tj /TT1 1 Tf 4.55

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time

households

Table 3a: Cash and

3.5 The morality of the non cash economy

Table 4: Total annual value of forest products to rural people in Uganda, in millions of dollars

Forest Products grouped by category	CASH		NON CASH		VALUE OF ALL FOREST PRODUCTS	
	\$ millions	%	\$ millions	%	\$ millions	%
Fuel	406		1,186		1,592	
Building materials	346		655		1,001	
Forest Foods	241		510		752	
Fibre (for ropes, baskets, mats etc)	68		257		326	
Herbal medicine	44		145		189	
Timber	32		129		161	
Total	\$1,137	28.3	\$2,882	71.7	\$4,019	100%

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3.9 Can forest ever be fully valued? And how could the value of forests become more appealing to policy makers?

4.2 Sustainability supply chains and forests

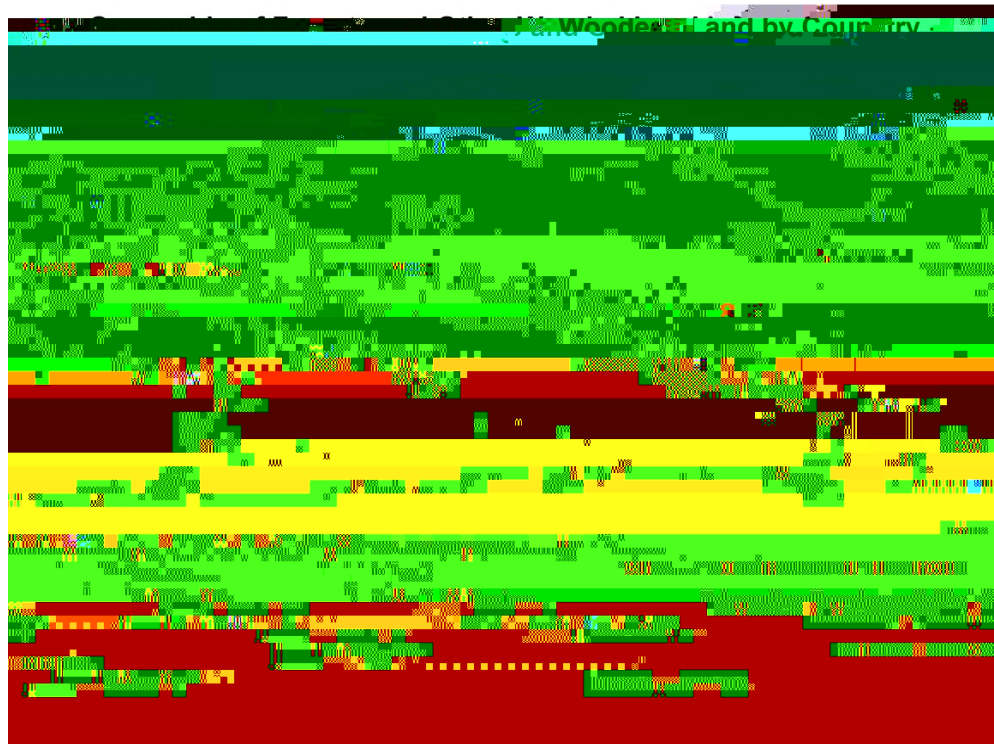
4.3 Non Cash benefits from forests''

ad hoc

5.1 Distribution of forests under different forms of governance

<i>Total</i>	<i>296.4</i>	<i>15.1</i>	<i>101.4</i>	<i>5.2</i>	<i>418.5</i>
Latin America					
<i>Total</i>	<i>777.6</i>	<i>106.5</i>	<i>66.7</i>	<i>106.5</i>	<i>1057.3</i>
Developed Countries					
<i>Total developed</i>	<i>1443.3</i>	<i>20.0</i>	<i>0</i>	<i>344.6</i>	<i>1737.9</i>
<i>Total developing</i>	<i>1744.8</i>	<i>125.8</i>	<i>180.0</i>	<i>121.5</i>	<i>2172.1</i>
Total	3188.1	145.8	180.0	466.1	3910.0

Figure 9: Distribution of forests under different tenure arrangements



5.2 Recent changes in forest governance: decentralization and devolution

Figure 10: Change in coverage of protected areas between 1950 and 2005



5.3 Role of non state market driven instruments

6. IMPROVING THE RETURNS ON THE ~~TOP~~ 06C0f1.02533N./63.89r33Fjs0012101.4225.1801Tm(l29680.81650TD0Tc41Tf350TD0Tc00

Figure 12: All forest related international aid, 1970-2011

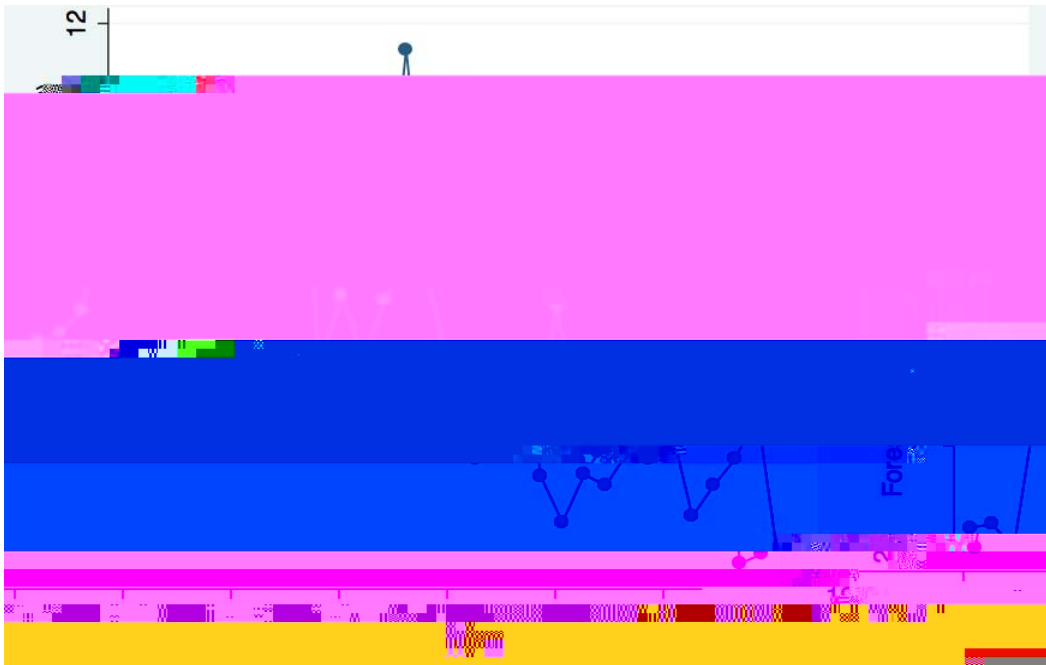
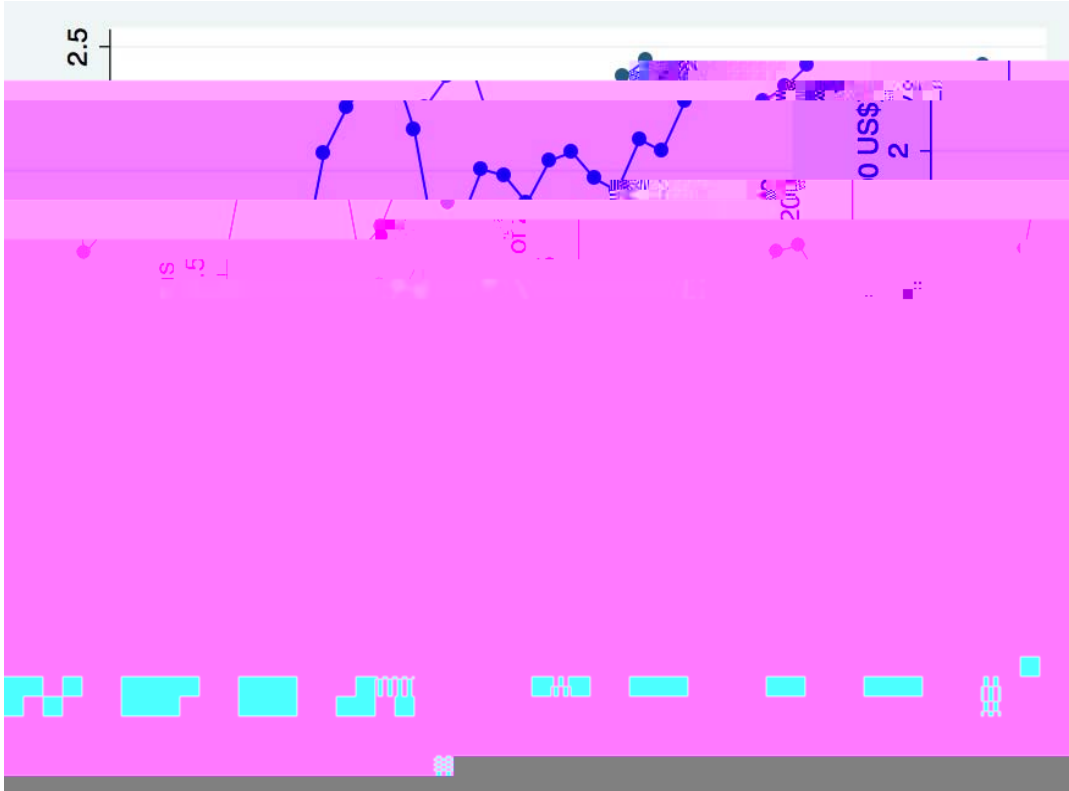


Figure 13: Environmentally positive or neutral forest aid, 1970-2008⁶



6.2 Gaps and obstacle to higher financing

US\$



6.3 Opportunities for investments

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Grounds for

Conceptual Approach	Valuation strategy	Advantages	Disadvantages
	Revealed preference approaches		

Conceptual Approach	Valuation strategy	Advantages	Disadvantages
	<hr/>		
<i>Biophysical approaches:</i>	Materials/Surface/Landcover		

Conceptual Approach	Valuation strategy	Advantages	Disadvantages
	<hr/>		