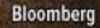
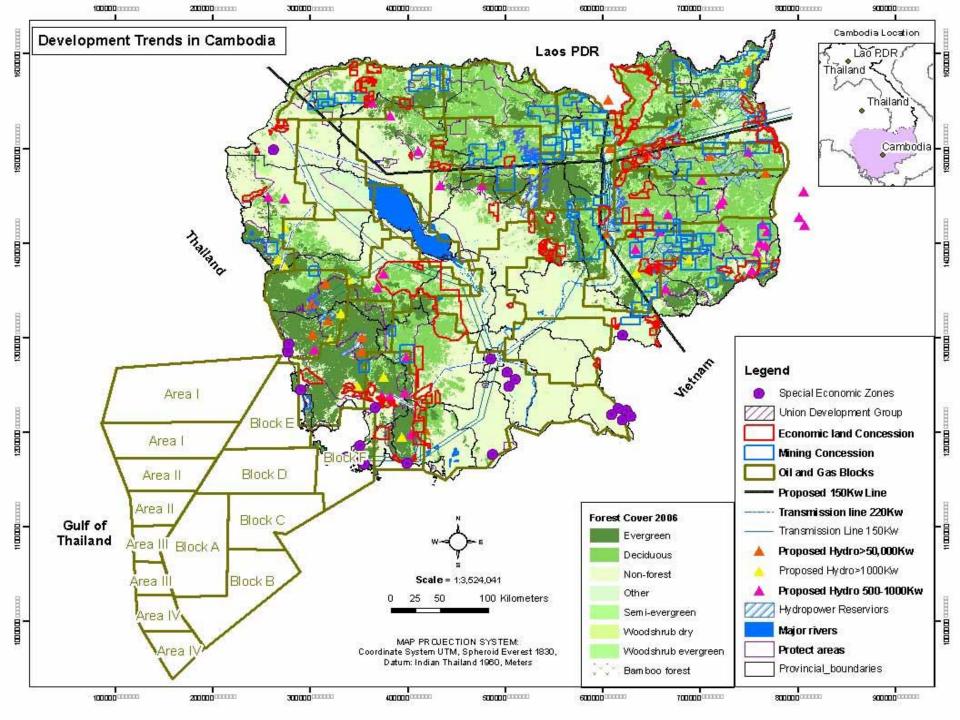
Brazilian agriculture : The miracle of the cerrado Brazil has revolutionised its own farms. Can it do the same for others? The Economist, Aug 26th 2010

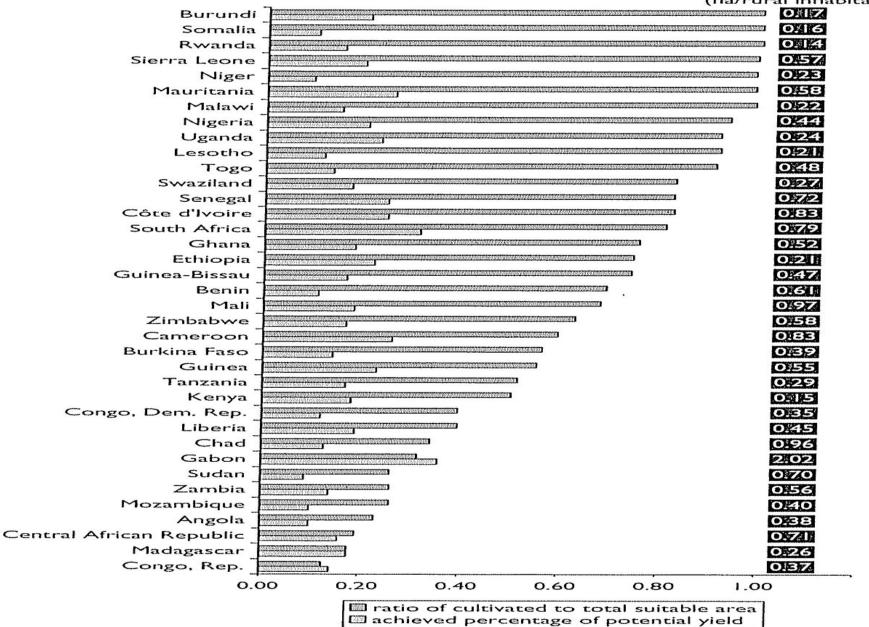








area (ha/rural inhabitant)



Source: Authors' calculations based on Fischer and Shah 2010.

Table 3.2Potential Area of Nonforested, Nonprotected LandClose to Market Most Suitable for Different Crops

under Rainfed Cultivation, (thousand ha)

		5 crop				en ander son ander son ander son ander son ander Son ander son ander s Son ander son ander s	Oil	
		total	Maize	Soybean	Wheat	Sugarcane	palm	
	Sub-Saharan Africa	94,919	44,868	38,993	3,840	6,023	1,194	
2	Latin America and				a			
	the Caribbean	93,957	28,385	37,716	11,043	15,021	1,793	
	Europe and Central							
	Asia	43,734	3,851	419	39,464	. 0	0	
	East and South					•		
	Asia	3,320	465	443	1,045	500	867	
	Middle East and							
	North Africa	2,647	0	10	2,637	0	0	
	Rest of World	24,554	5,741	5,289	12,747	722	55	
	Total < 6 hours							
	to market	263,131	83,310	82,870	70,776	22,266	3,909	
	Total	445,624	156,828	137,711	88,149	41,176	21,760	
	Total cultivated							
	2008	520,411	161,017	96,870	223,564	24,375	14,585	

Source: Fischer and Shah 2010.

Note: Assessments are based on fewer than 25 persons/km² and less than six hours to market. 2005 output prices are used to determine gross revenue.

Table 1.7 Land Expectation Values for Perennial Crops

Commodity and country

Land expectation value (US\$/ha)

Oil palm

Indonesia 4,800

Plantation forestry

Argentina

Brazil

- Colombia

South Africa

Uruguay

Sugar

- Brazil
- Kenya
- Mozambique

Tanzania

Zambia

5,250--8,300 5,400

3,125

- 2,900 750–1,400
- 3,750 8,000 9,750 11,000 18,500

Table A2.6 Potential Land Availability by Country (all areas are in thousands of ha)

Suitable noncropped, nonprotected

					Nonforest with population density of		
그렇는 것이 같아.	Total area	Forest area	Cultivated area	Forest < 25/km ²	< 25/km²	< 10/km²	< 5/km ²
Sub-Saharan Africa	2,408,224	509,386	210,149	163,377	201,540	127,927	68,118
Angola	124,294	57,941	2,930	11,502	9,684	6,625	4,561
Burkina Faso	27,342	2,072	4,817	452	3,713	1,040	256
Cameroon	46,468	23,581	6,832	8,973	4,655	3,205	1,166
Central African Republic	62,02 l	23,496	1,879	4,358	7,940	6,890	5,573
Chad	127,057	2,280	7,707	680	14,816	10,531	7,061
Congo, Dem. Rep.	232,810	147,864	14,739	75,760	22,498	14,757	8,412
Congo, Rep.	34,068	23,132	512	12,351	3,476	3,185	2,661
Ethiopia	112,829	8,039	13,906	534	4,726	1,385	376
Gabon	26,269	21,563	438	6,469	954	927	839
Kenya	58,511	3,284	4,658	655	4,615	2,041	935
Madagascar	58,749	12,657	3,511	2,380	16,244	11,265	6,572
Mali	125,254	3,312	8,338	582	3,908	776	28
Mozambique	78,373	24,447	5,714	8,247	16,256	9,160	4,428
South Africa	121,204	8,840	15,178	918	3,555	1,754	649

(continued)

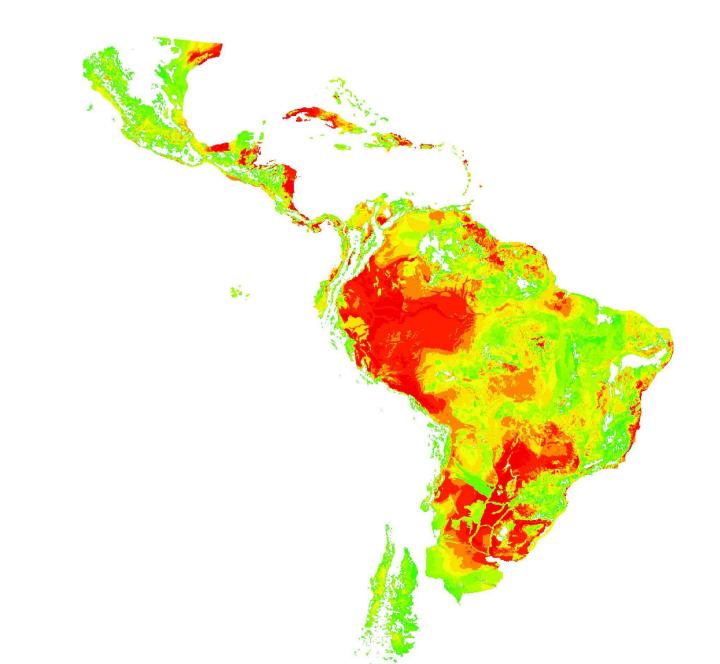
Map A4.3.1 Maximum Potential Value of Output for Africa (US\$ per hectare)

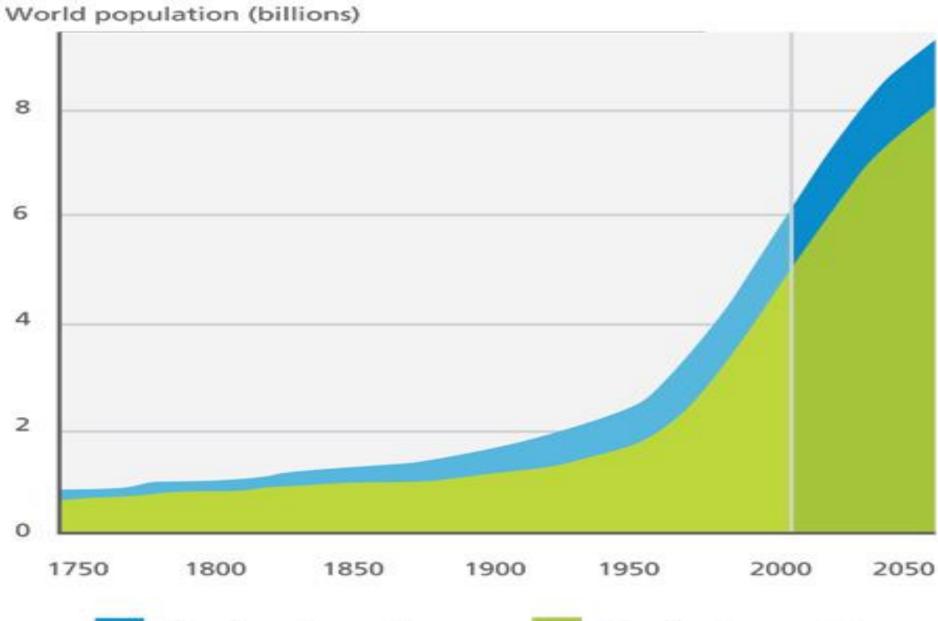


Maximum Output Value

US\$201–US\$300 (green) US\$301–US\$468 US\$469–US\$580 US\$581–US\$907 US\$908–US\$1,128 (yellow) US\$1,129–US\$1,349 US\$1,350–US\$1,597 US\$1,598–US\$1,881 US\$1,882–US\$2,729 (red)

Map A4.3.2 Maximum Potential Value of Output for Latin America and the Caribbean (US\$ per hectare)

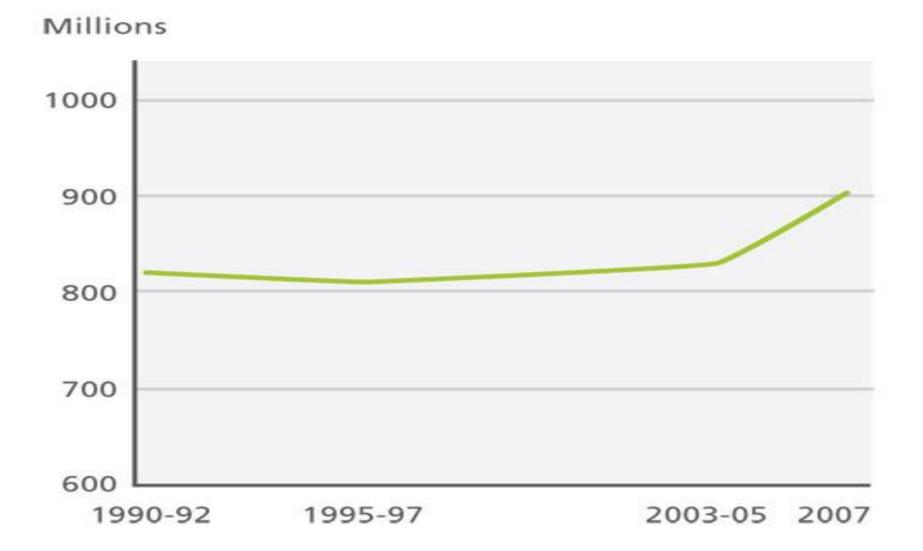




Developed countries

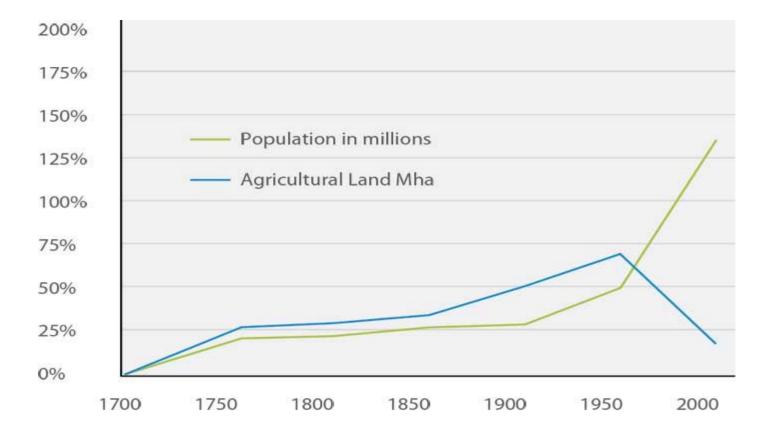
Developing countries

Number of undernourished people in the developing world, 1990-92 to 2007 Source: Food and Agriculture Organisation of the United Nations



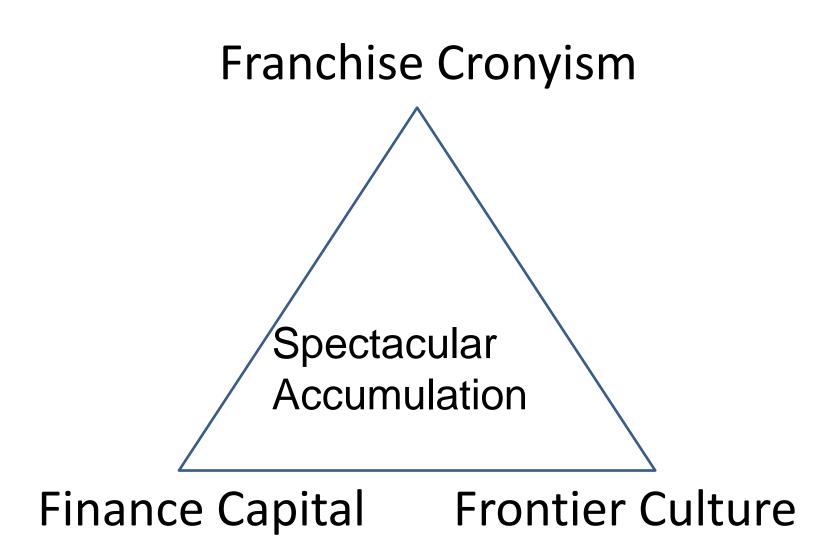
Percentage change (50 year average) in agricultural land and population between 1700 and 2000)

Source: Integrated Model to Assess the Global Environment (IMAGE), Netherlands Environmental Assessment Agency, 2006; United Nations Population Division, 2007



OCATION		PRICE NOTES	AVERAGE PRICE/HA	PRICE CHANGE 2010	LAND VALUE RISKS**
ENGLAND	-1	Average all land types	\$22,000	+13%	
ROMANIA	E.	Price dependent on size of holding	\$1,560- \$3,250	0%	
POLAND		Price dependent on size of holding	\$4,550- \$8,125	0%	
UKRAINE	E.	Five- to 10-year lease rights	\$150- \$350	0%	
RUSSIA		Price dependent on size of holding and progress of freehold application	\$300- \$1,000	-10%	
ZAMBIA		Long leasehold	\$1,000- \$1,500**	_	
BRAZIL		Dryland double-cropping in Mato Grosso	\$7,000	+20%*	
BRAZIL		Top sugar cane land in Sao Paulo	\$12,000	+24%*	
BRAZIL	ET.	Dryland double-cropping in west Bahia	\$6,000	+6%*	
BRAZIL		Native bush with high cattle potential in Para	\$300	+11%*	
ARGENTINA	P	Northern provinces	\$1,200- \$2,500	+10%	
ARGENTINA	P	Central provinces	\$5,000- \$10,000	+10%	
CANADA		Saskatchewan province	\$1,300	+7%*	
AUSTRALIA		Dryland arable with reliable rainfall	\$1,600- \$1,700	+2%	
NEW ZEALAND	- Art	Dairy farms	\$23,000	-3%	C
UNITED STATES		Quality dryland in combelt states	\$16,000	+8%	A

Prices are indicative and will vary widely depending on soil type, local climate and infrastructure. Price changes in local currency could vary widely from stated. *Price change mid 2009-mid 2010. **Risks exclude normal climate and commodity price fluctuations. Sources: Knight Frank Research, Knight Frank Zambia, Quotable Value, Brown & Co, AgriFrontiers, Philip Jarvis Associates, USDA, Statistics Canada, Farm Credit Canada, Hancock



Source: Anna Tsing, Inside the Economy of Appearances