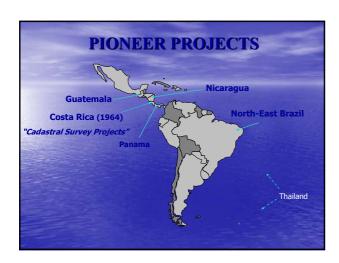
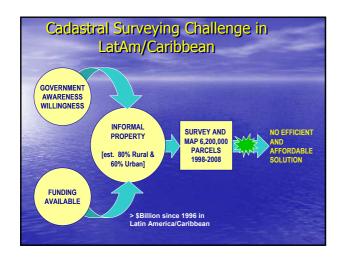
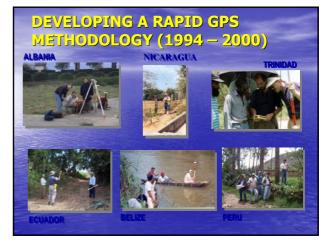
Developing Resilient and Responsive Land Administration Systems in Latin America Desarrollando Sistemas de Administración de Tierras Resilientes y Relevantes en América Latina FIG Conference San Jose Costa Rica

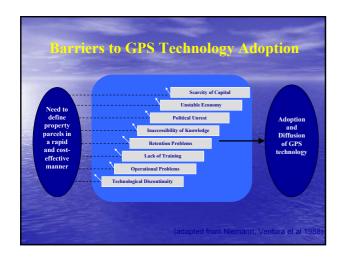


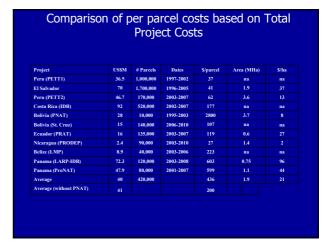




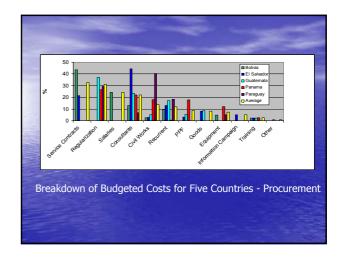


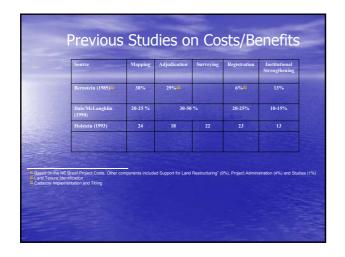






Procurement Type	Po	livia	El Sal	vador	Cust	omala	Pana	ma	Para	may
Type	Bollvia		El Salvador		Guatemala		Fanama		Paraguay	
Source	Amount	% of total	Amount	% of total	Amoun t	% of total	Amount	% of total	Amount	% of total
Civil Works	0.7	2.5		2.9		5.2	13.13	18.1	16.6	40.4
Goods				8.1	3.3	8.5				
Equipment	1.3	4.8					8.87	12.3	2.1	5.1
Training	0.7	2.4	1.6	2.3	0.9	2.3	1.93			
Service Contracts	11.8	43.5	15	21.4						
Consultants	3.5	12.9	31.1	44.4	9.1	23.5	15.88	21.9	2.8	6.8
Salaries	6.6	24.2								
Regularization					14.4	37.1	19.13	26.4	12.1	29.4
Information Campaign			3.5	5.0						
PPF			2.1	3.0	2.1	5.4	12.95	17.9		
Recurrent	2.6	9.7		12.9		17.3	0.47	0.6		18.2
Other					0.3	0.8				
Total	27.2	100	70	100	38.8	100	72.36	100	41.1	100.0

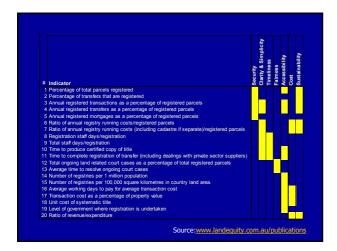




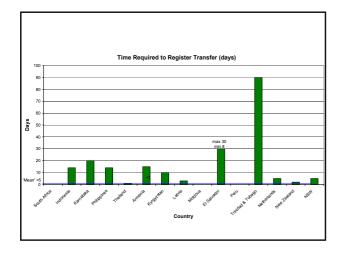


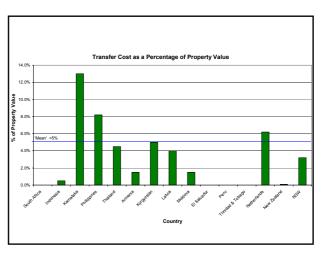
Africa	Asia	E. Europe and Central Asia (EAC)	Latin America and the Caribbear (LAC)
•Ghana	•Indonesia	<ul><li>Armenia</li><li>Kyrgyzstan</li><li>Latvia</li><li>Moldova</li></ul>	•Bolivia
•Mozambique	•Karnataka		•El Salvador
•Namibia	(India)		•Perú
•South Africa	•Philippines		•Trinidad &
•Uganda	•Thailand		Tobago

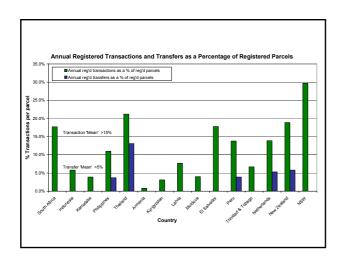


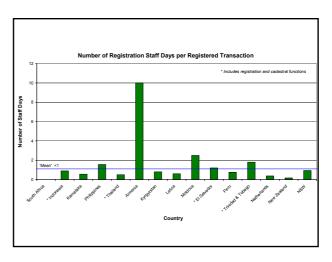


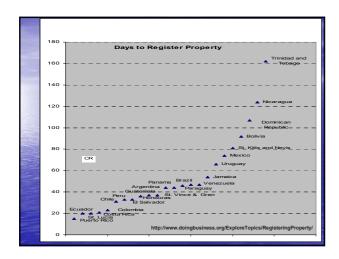


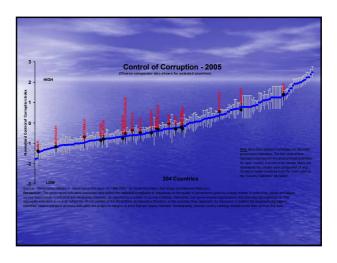


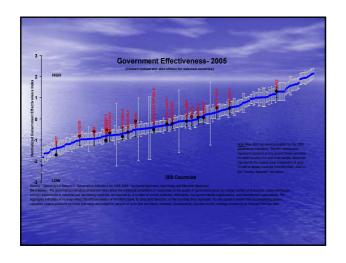


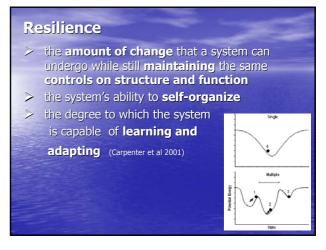


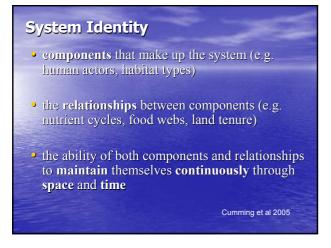


















## Focus on Radical Change Land admin in post-disaster environments Stochastic process that changes the status quo Resilience can be measured by the time the land system takes to return to pre-disaster status Recognize that land system may flip to completely new system – that may be good or bad

"On September 4th, 2007, Hurricane Felix hit land on the Northeast Coast of Nicaragua as a level 5 hurricane. Initial reports have told the story of the eye of the hurricane passing directly over Awas Tingni, resulting in complete devastation of all the homes in the community, as well as destruction of all nearby crops and transport routes." (newspaper report)

