



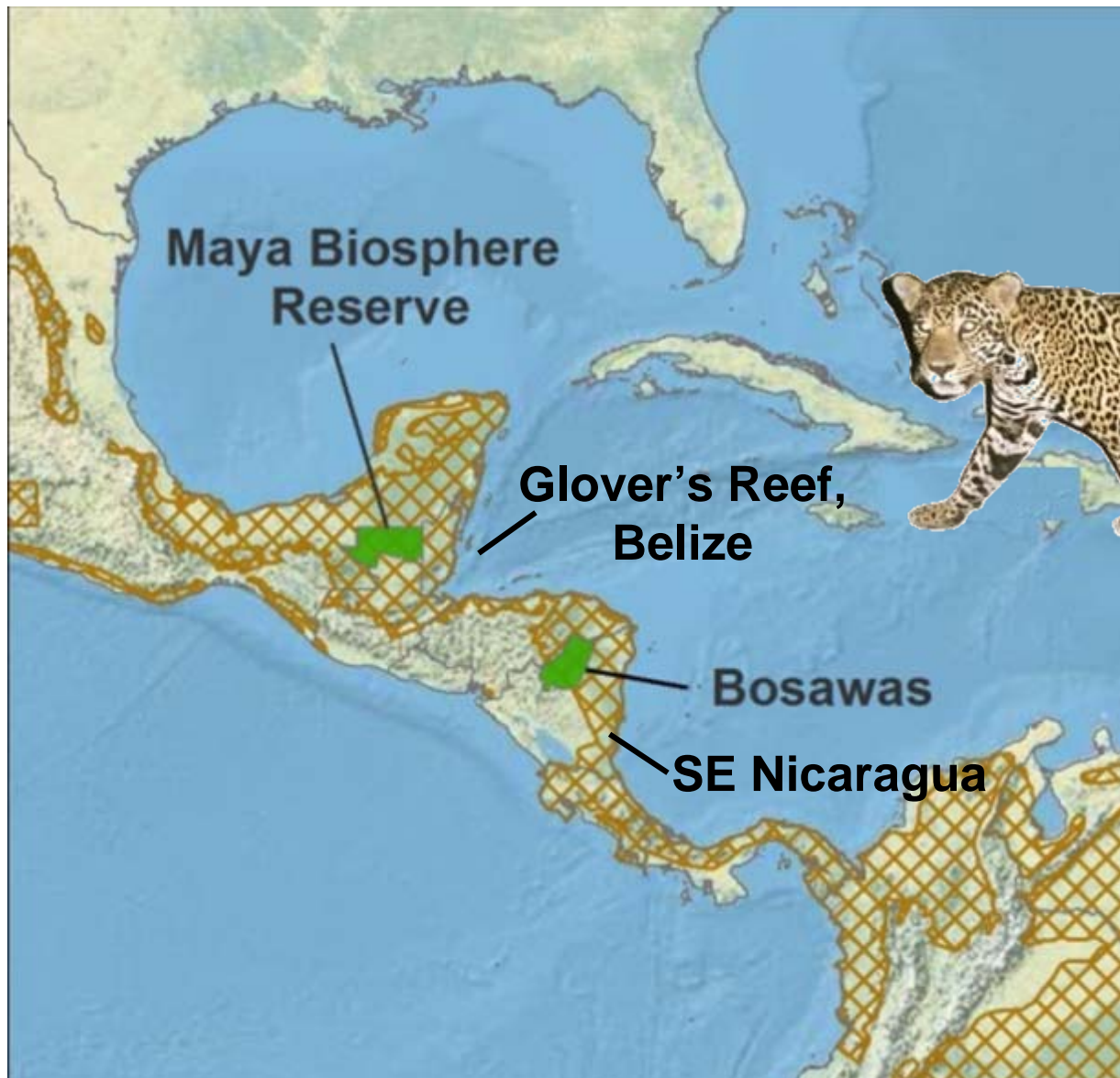
**WILDLIFE
CONSERVATION
SOCIETY**

WCS in Mesoamerica

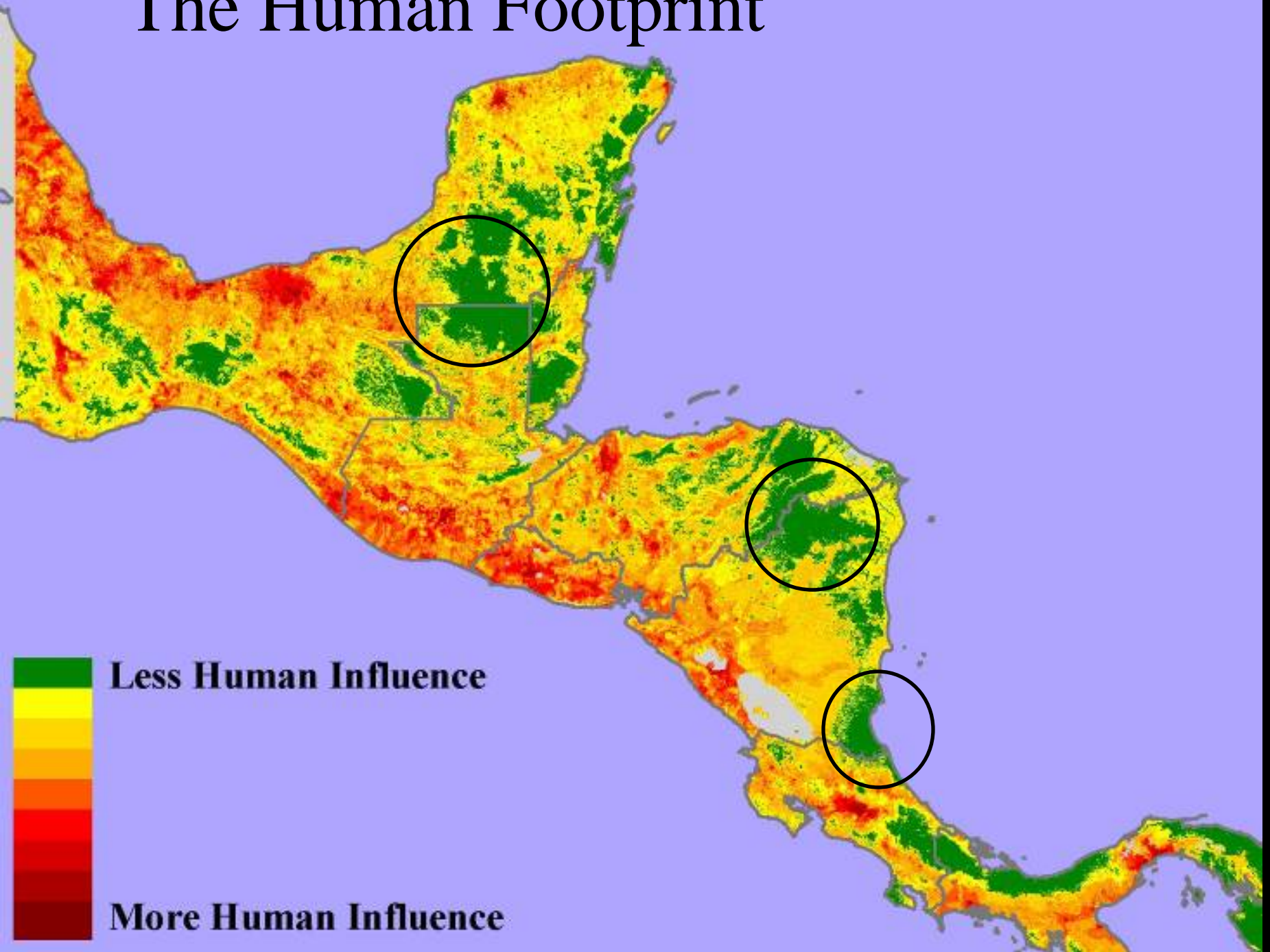
Jeremy J. Radachowsky, Ph.D.

June 12, 2014

Where WCS works



The Human Footprint



Less Human Influence

More Human Influence

Deforestation 2000-2012



Hansen, M. C., et al. "High-resolution global maps of 21st-century forest cover change." *Science* 342.6160 (2013): 850-853.

Cattle in “Protected Areas”



Demand: The ~~Hamburger~~ Connection Churrasco



Myers, N. 1981. The hamburger connection: how Central America's forests become North America's hamburgers. *Ambio* 10:3-8.

Cattle and Carnivores

Habitat Destruction / Fragmentation

Conflicts with Ranchers



Direct Incentives:

- Inconsistent policies for conservation and agricultural development





- Access to land tenure security

Narco-Ganadería



Low risk:



- **Impunity:** Lack of law enforcement and prosecution

• Prioritization of natural resource and wildlife protection







Applied research: Focus on Landscape Species



Jaguar research and conservation



Education



Conflict mitigation and monitoring



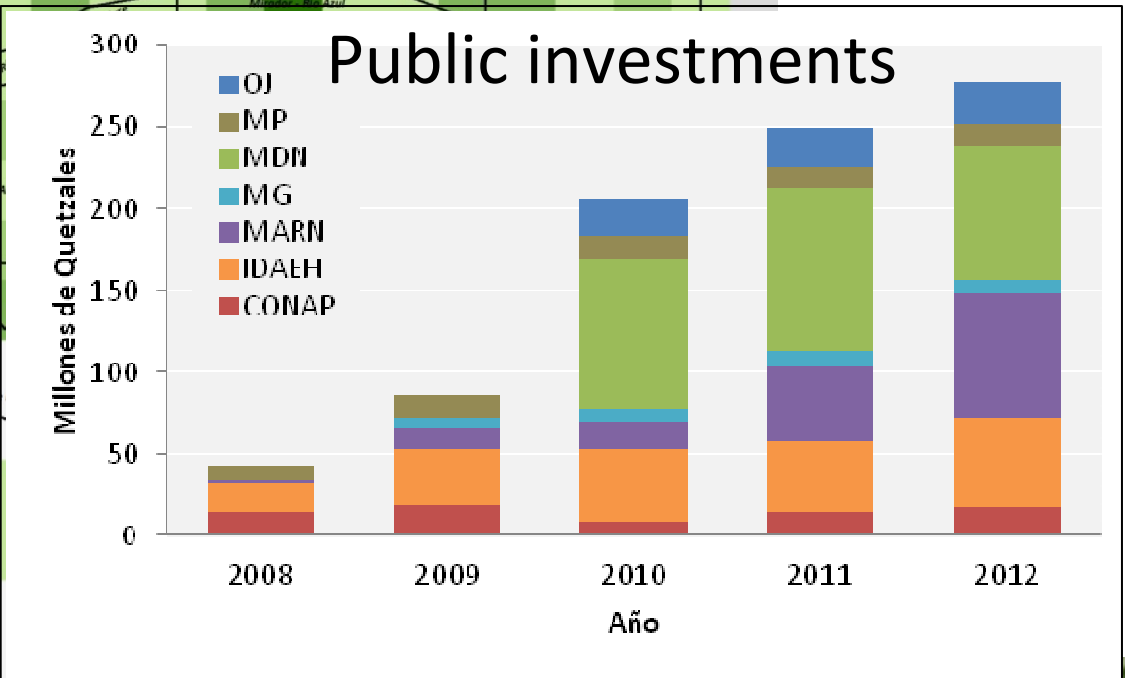
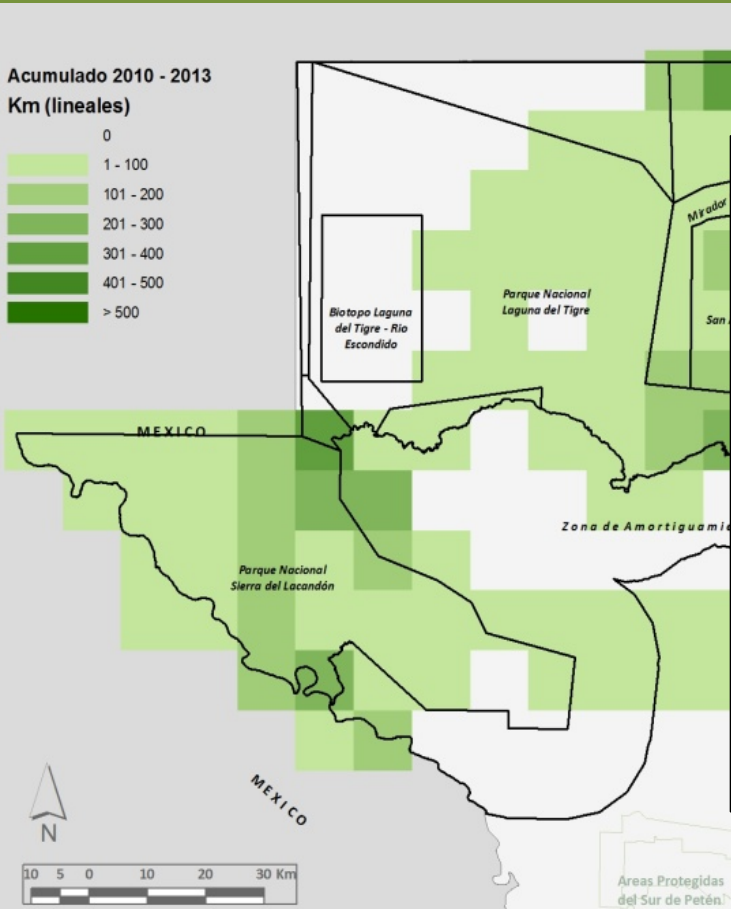
Community Outreach



Abundance estimates



Protected areas monitoring



SMART

(Spatial Monitoring and Reporting Tool)



Territorial management



Protected areas management



Community governance



Monitoring, control and vigilance

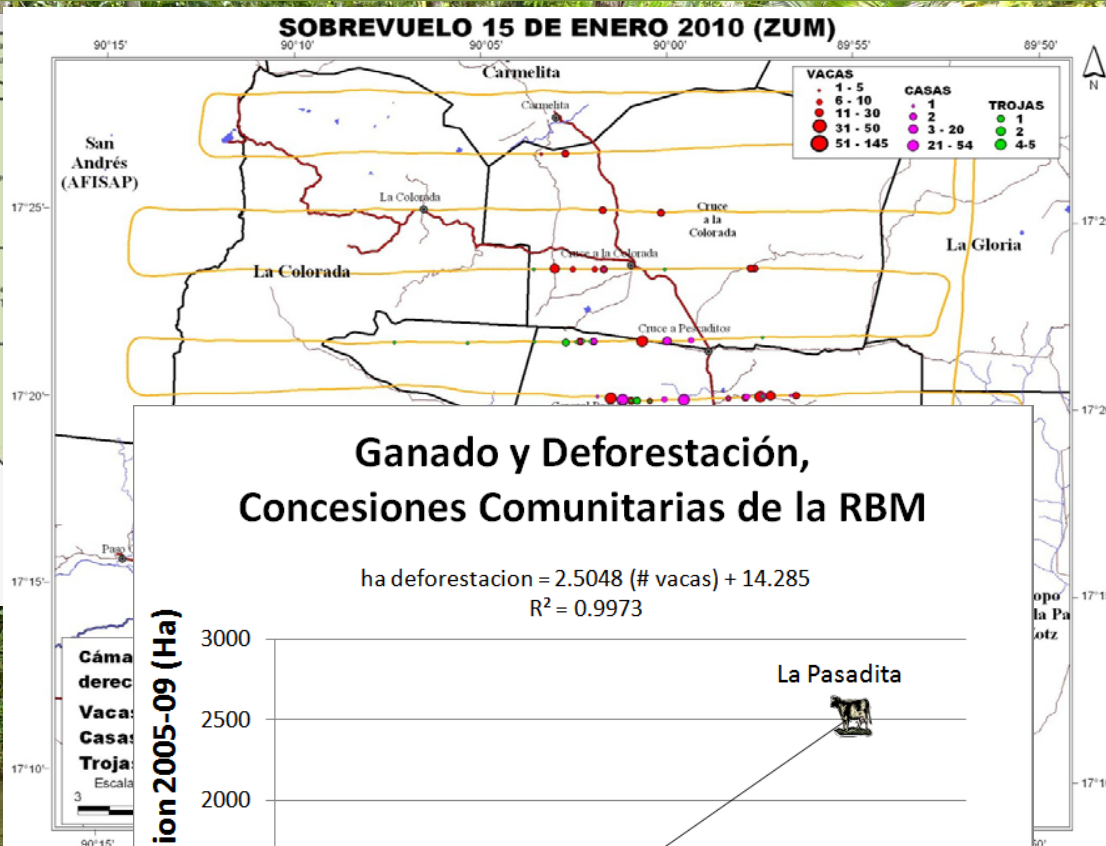
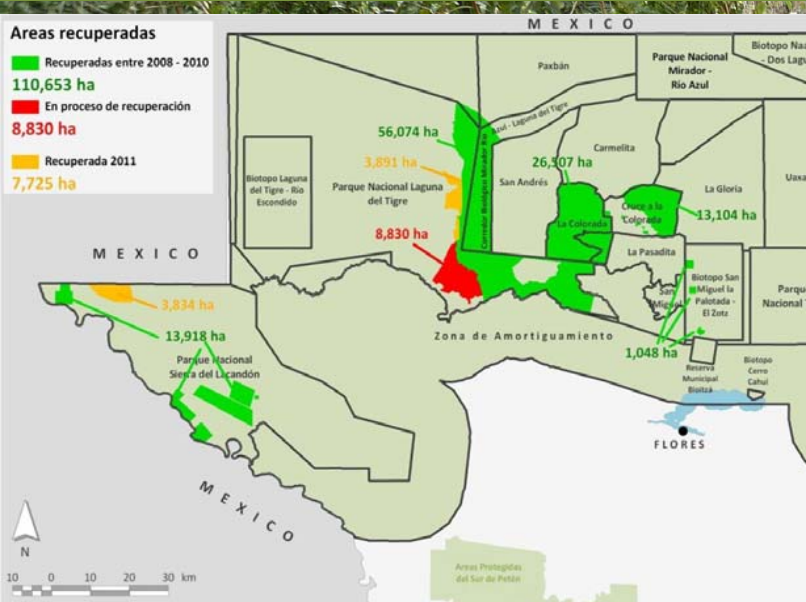
Natural resource management



Management plans

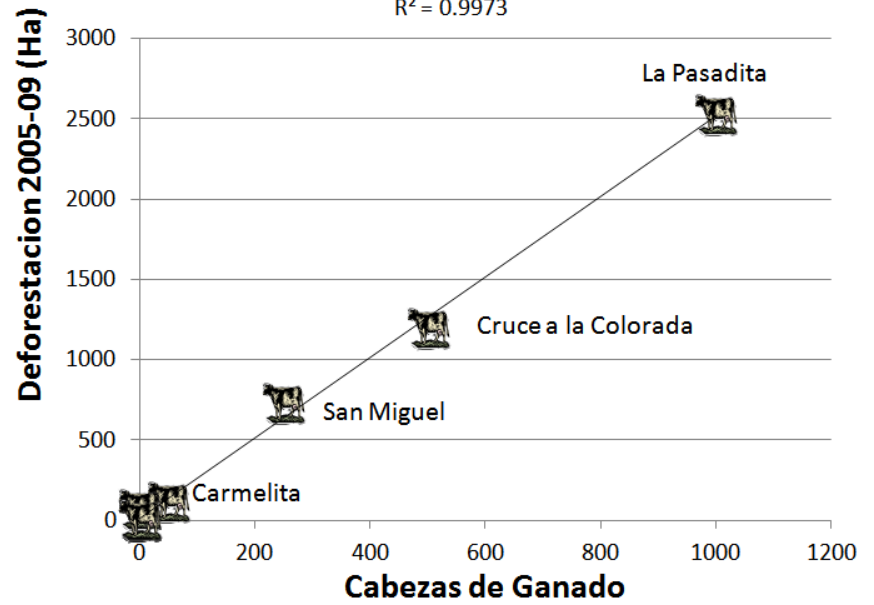


Governance & law enforcement



Ganado y Deforestación, Concesiones Comunitarias de la RBM

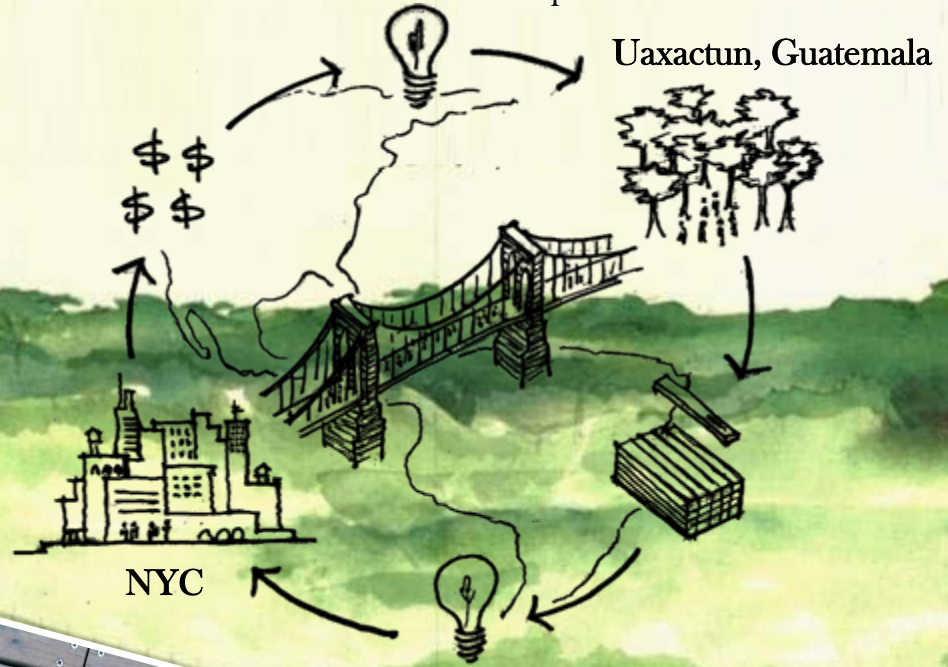
ha deforestacion = 2.5048 (# vacas) + 14.285
 $R^2 = 0.9973$



Links between NYC and Mesoamerica

BROOKLYN BRIDGE FOREST

Preserve a Landmark. Protect a Rainforest. Cultivate a Global Partnership



Gracias!

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www.wcs.org