
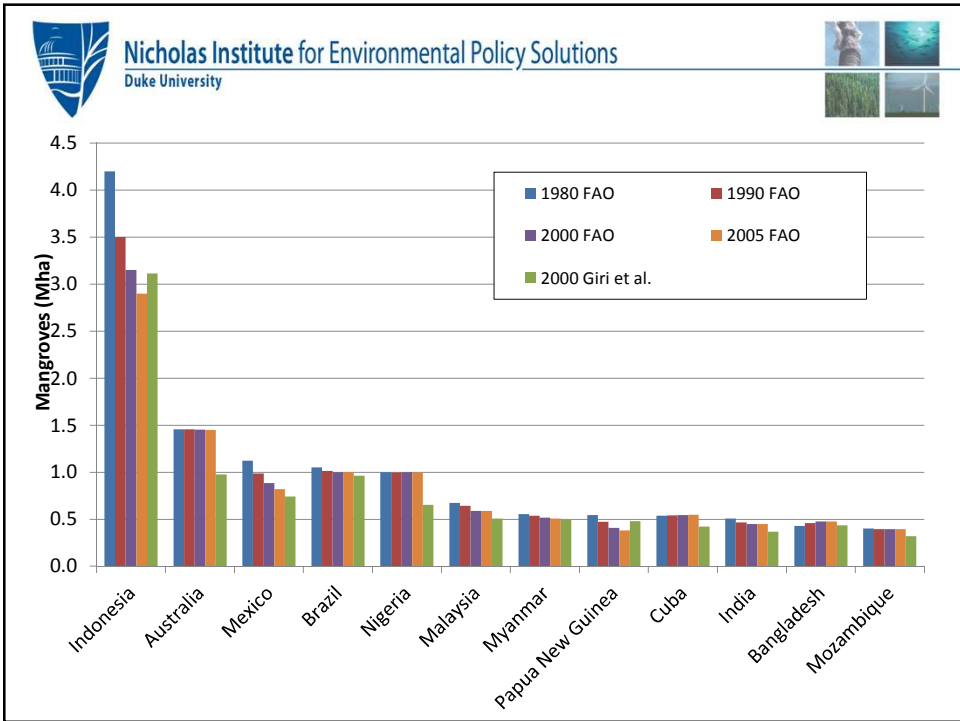
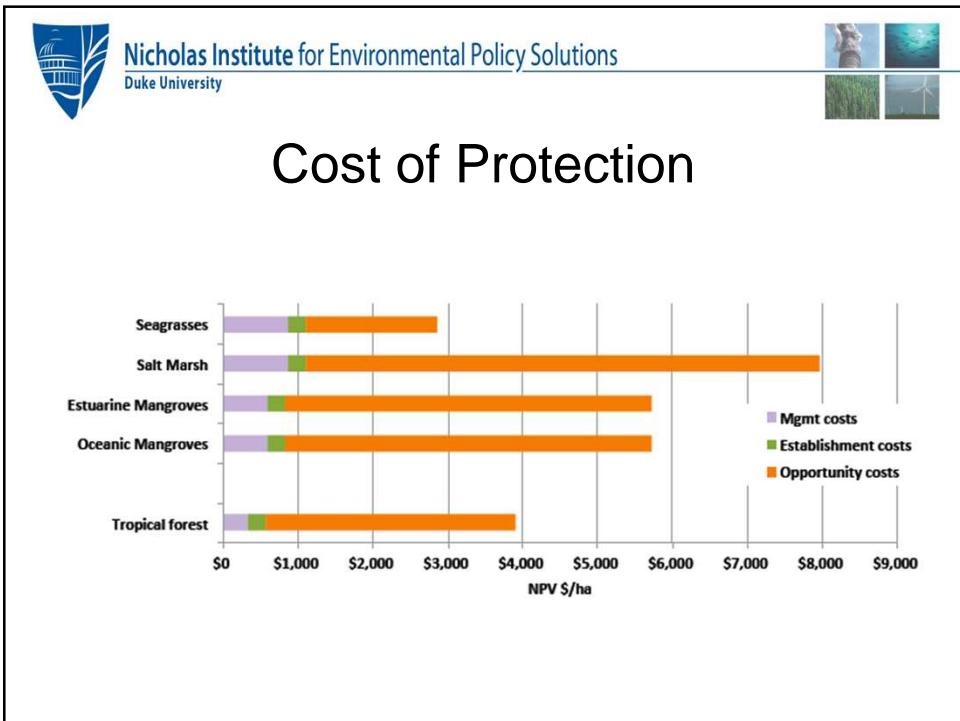
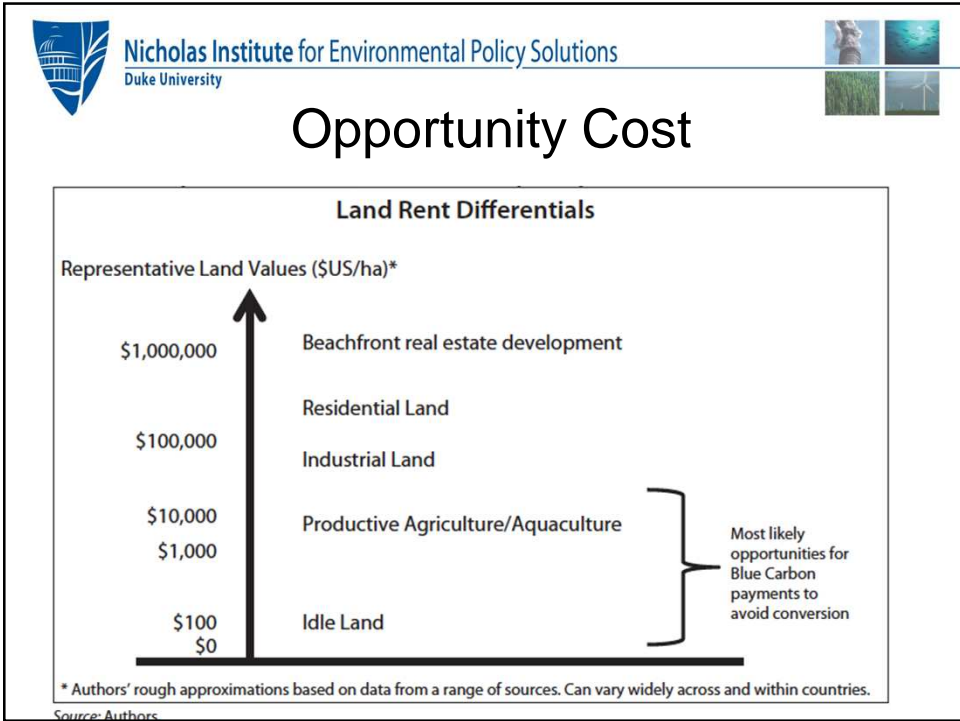
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The Economics of Blue Carbon

David Gordon
Nicholas Institute for Environmental Policy Solutions
Duke University, USA
26 April 2012
United Nations, New York





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Paying for Protection

Markets

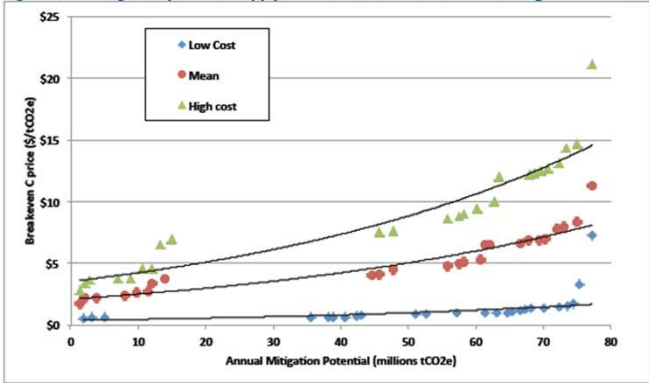
Financing

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Global supply potential at different prices

Figure ES-1. Mitigation-potential supply functions for low-cost, mean, and high-cost scenarios.




Annual Mitigation Potential (millions tCO ₂ e)	Low Cost (\$/tCO ₂ e)	Mean (\$/tCO ₂ e)	High cost (\$/tCO ₂ e)
0	0	0	0
10	~1	~2	~4
20	~1	~3	~6
30	~1	~4	~8
40	~1	~5	~10
50	~1	~6	~12
60	~1	~7	~14
70	~1	~8	~16
80	~1	~9	~18


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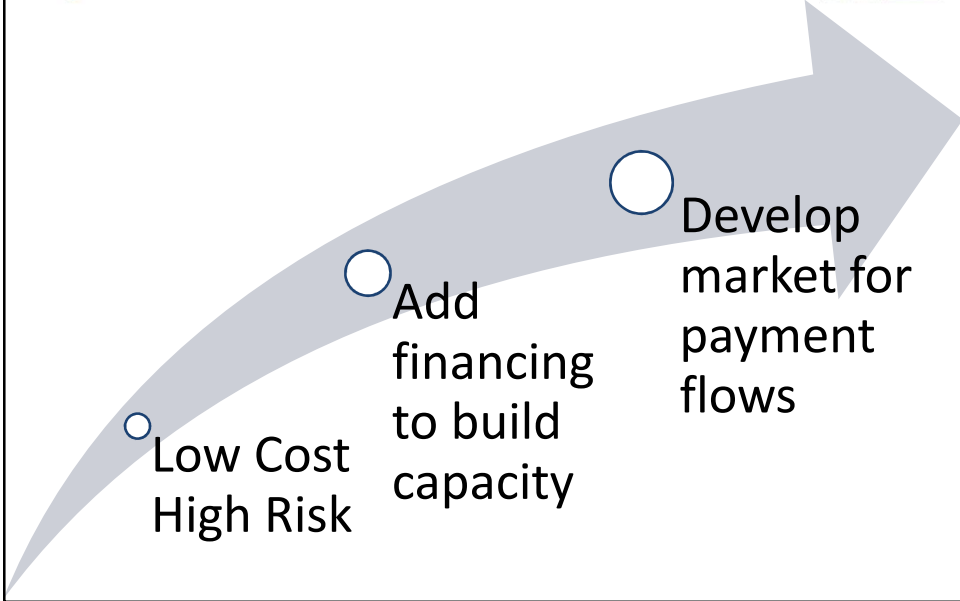


Financing Blue Carbon: Markets Cost Money

Planning and Institutional Capacity	\$1.6 billion
Pilots and Projects	\$234 million
Verified Emissions Reductions	~ \$97 million in credits sold

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Low Cost High Risk

Add financing to build capacity

Develop market for payment flows

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Future of Blue Carbon Economics

Incorporation in existing investments	Inclusion in future mitigation agreements
Competitiveness	Other reasons to protect

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Keep Up With Blue Carbon Policy

 <p>NICHOLAS INSTITUTE REPORT</p> <p>Green Payments for Blue Carbon Economic Incentives for Protecting Threatened Coastal Habitats</p> <p>April 2011</p>	 <p>NICHOLAS INSTITUTE REPORT</p> <p>Financing Options for Blue Carbon Opportunities and Lessons from the REDD+ Experience</p> <p>December 2011</p>	 <p>NICHOLAS INSTITUTE REPORT</p> <p>State of the Science on Coastal Blue Carbon A Summary for Policy Makers</p> <p>May 2011</p>
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<http://nicholasinstitute.duke.edu/oceans/blue-carbon>



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Duke University



David Gordon
Nicholas Institute for Environmental Policy
Solutions | Duke University

Contact:

Dr. Brian Murray: brian.murray@duke.edu

Dr. Linwood Pendleton:
linwood.pendleton@duke.edu