



A Gateway to Payments for Ecosystem Services –

Integrating Biodiversity Conservation and Rural Development

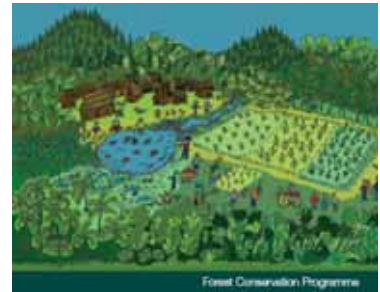
David Huberman
IUCN – Economics & Environment
APFW
Hanoi, April 24th, 2008

Asia Pacific Forestry Week, Hanoi, April 25th, 2008

Livelihoods and Landscapes



« *The Livelihoods and Landscapes Programme of IUCN takes up the challenge to improve poor peoples' livelihoods by sustainable use of biodiversity while advancing good environmental stewardship* »

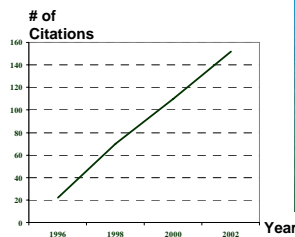


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Ecosystem Services



- *A popular topic!*



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Why PES?



- ecosystems generate economically valuable services
- but the providers are not compensated and the users do not pay
- this is both inequitable and inefficient
- leads to situation where important services are underprovided and potential conservation values are uncaptured by those who need them most



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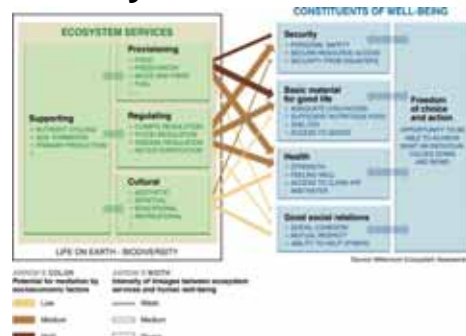
Payments for Ecosystem Services



- Defining PES: (Wunder, 2005)
a voluntary transaction whereby a well-define ecosystem service, or a land-use likely to secure that service, is being 'bought' by at least one buyer from at least one provider – if, and only if, the provider secures the provision of the service.


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Ecosystem Services



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From theory to practice...



MA

- Provisioning
- Regulating
- Supporting
- Cultural

Heal *et al.*, 2002

- Production of goods
- Regeneration processes
- Stabilizing processes
- Life-fulfilling functions

Costa Rica PSA


- Carbon
- Biodiversity
- Water
- Landscape Beauty

Ecosystem Marketplace

- Carbon
- Biodiversity
- Water

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Gateway to PES



Understanding ES

Managing ES

Rewarding ES

Implementing PES

- PES toolbox
- A PES vision


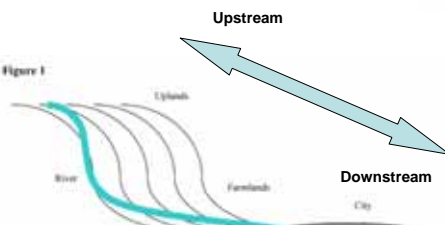
A Gateway to PES

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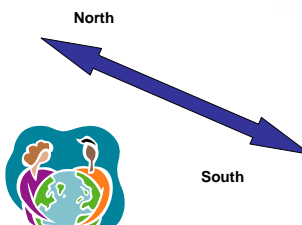
The PES Model

Heal, Geoffrey M., Daily, Gretchen, Ehrlich, Paul, Salzman, James E., Boggs, Carol, Hellman, Jessica, Hughes, Jennifer, Kremen, Claire and Ricketts, Taylor, (2001) "Protecting Natural Capital through Ecosystem Service Districts". Available at SSRN: <http://ssrn.com/abstract=279114>


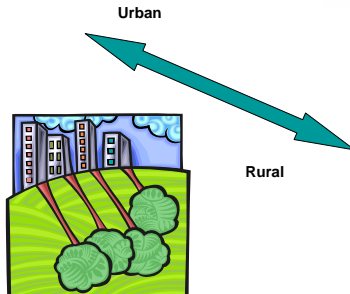
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The PES Model


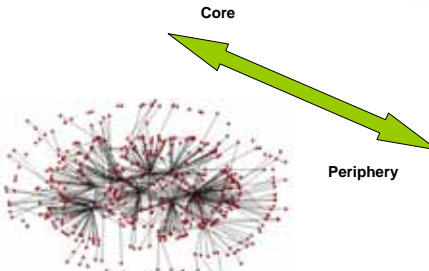
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The PES Model

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The PES Model

http://www.firstmonday.org/issues/issue10_2/crowston/

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Key Messages



- PES ≠ conservation finance
- New language – new opportunity
- Desired outcomes of PES:
 - Stronger appreciation of the value of natural capital
 - Encourage sustainable land use decisions that maximize the socially optimal provision of ecosystem services
- Main objective of PES – a catalyst for sustainable rural development

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Thank you!



For more information:

IUCN Economics and Environment –

www.iucn.org/themes/economics

IUCN Forest Conservation Programme –

www.iucn.org/forest

A Gateway to PES –

email: David.huberman@iucn.org

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