Trans-disciplinary science to impact tropical forest landscapes

Jeff Sayer
UBC

WLE Impact webinar – September 29th 2021
Understanding of change evolved
Models and Capital assets
Trend of development indicators for the TNS landscape: 2006 to 2012

Source: TNS Sangha group/Endamana
Kehicap – Boano Monarch
Seram

• Influencing a cascade of decisions from national to provincial to district to village to household
State-of-the-art pulp & paper mill
Now a Bio-Refinery
• Conservation only has traction when people are prospering
Actor networks – Formal and informal

How government thinks

How it really works
Science Embedded in Local Forest Landscape Management Improves Benefit Flows to Society

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Review Article

Conservation Science and Practice Must Engage With the Realities of Complex Tropical Landscapes

Agni K. Boedihartono1,2, Frans Bongers3, Rene G. A. Boot4,5, Jerry van Dijk6, Helen Jeans7, Marijke van Kuijk5,8, Harko Koster9, James Reed10,11, Jeffrey Sayer1,2, Terry Sunderland1,2,10, Esther Turnhout12, Josh van Vianen10, and Pieter A. Zuidema3,8
Transdisciplinary science for improved conservation outcomes

Chris Margules\textsuperscript{1,2,3}, Agni K Boedhihartono\textsuperscript{3,4}, James D Langston\textsuperscript{3,4}, Rebecca A Riggs\textsuperscript{2,3,4}, Dwi Amalia Sari\textsuperscript{2,5}, Sahotra Sarkar\textsuperscript{6}, Jeffrey A Sayer\textsuperscript{3,4}, Jatna Supriatna\textsuperscript{1,7} and Nurul L Winarni\textsuperscript{1,7}

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Peripheral Agents to influence policy change
Countering CGIAR elitism
The challenge – measuring the impact of a Nudge!