Agroforestry steps to sustainable development

World Agroforestry Centre
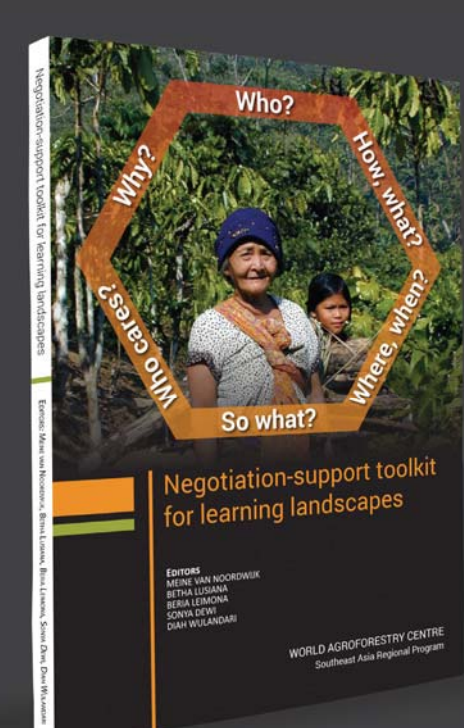
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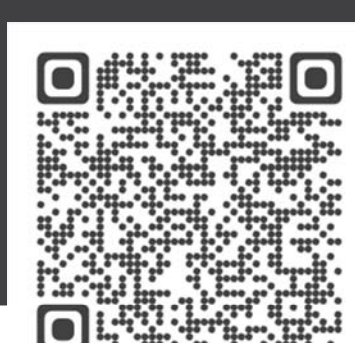BOGOR

WHO, HOW, WHAT, WHERE, WHEN, WHY AND WHO CARES ABOUT LANDSCAPES

Scientific tools and methods to help you understand a landscape and negotiate changes with multiple stakeholders

LEARNING LOOP   SOCIO-ECOLOGICAL SYSTEM

WHO makes a living here?
What are the ethnic identities, historical origins, migration history, claims to land-use rights, roles in main value chains, key power relations particularly gender?

WHY is land use what it is?
What are the drivers of human activity and what are the levers (regulatory frameworks, economic incentives, motivations) for modifying future changes?

HOW are forests and trees used?
What land-use patterns with, or without, trees are prominent in the landscape and provide the basis for local lives and livelihoods? What value chains are based on these land uses?

Who?
Why?   How, what?
Who cares?   Where, when?
So what?

WHO CARES, who is affected by, or benefits from, the changes in tree cover and associated ecosystem services?
How are stakeholders organized and empowered to lever and influence the drivers?

WHERE are the remaining forests and planted trees?
Since when? How does tree cover vary in the landscape (patterns along a typical cross-section, main gradients) and how has it decreased and increased over time?

SO WHAT?
How do ecosystem services (provisioning, regulating, cultural/religious, supporting) depend on tree cover and the spatial organization of the landscape? How are they appreciated by women and men?

The *Negotiation-support toolkit for learning landscapes* is a 285-page book of tools and methods designed to reduce conflicts in multi-use landscapes.
- Bridge perception gaps between stakeholders (local, public/policy and scientific knowledge)
- Increase recognition and respect for multiple knowledge systems
- Quantify trade-offs between economic and environmental impacts at a landscape scale
- Enable joint analysis of plausible scenarios based on available data and information

Van Noordwijk M, Lusiana B, Leimona B, Dewi S, Wulandari D, eds. 2013. *Negotiation-support toolkit for learning landscapes*. Bogor, Indonesia. World Agroforestry Centre (ICRAF) Southeast Asia Regional Program.

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