

Meine van Noordwijk,

Address: World Agroforestry Centre (ICRAF), SE Asia, Bogor, Indonesia

Phone: +62 87888999108; Email: m.vannoordwijk@cgiar.org; Skype: MeinevanNoordwijk

Scholar.Google profile: <https://scholar.google.com/citations?user=CyTMe1IAAAAJ&hl=en>

Education

1987 PhD, Agricultural Science, Wageningen University (the Netherlands)

Relevant disciplinary expertise and skills

Trained as a biologist/ecologist at MSc level and with a PhD in agricultural sciences, he has a strong *systems science* orientation, with focus on cross-scale linkages in socio-ecological systems (as discussed in the 2015 volume “Climate-Smart Landscapes: Multifunctionality In Practice”); the synergy between local, scientific and public/policy knowledge systems (as summarized in the compilation of 49 methods in the 2013. Negotiation-support toolkit for learning landscapes” (2013); the development of synthetic models at tree (functional branch analysis, fractal scaling of allometry), tree-soil-crop interactions (WaNuLCAS), hydrological functions in landscape mosaics (GenRiver and FlowPer) and land use dynamics (FALLOW) scale, with associated databases. He led the RUPES program that reframed the debate on Payments for Ecosystem Services, recognizing a place for three complementary paradigms (commodification, compensation and coinvestment). Recent interests include the use of role play games for gender specific analysis of preferences and choices in a real world context, complementing economic analysis of opportunity costs.

Positions Held (last 5 years)

2014 - present Seconded as part-time Professor of Agroforestry, Wageningen University (the Netherlands)

1993 – present Senior to Principal scientist (Ecologist), ICRAF (serving as Regional Coordinator SE Asia 2001-2008 and leader of the environmental services Science Domain (2006-2013); Chief Science Adviser since 2009

Management Experience and skills (last 5 years)

Leads the FTA¹.3 flagship project and as such is part of the FTA¹ management team. Until 2014, co-led the landscapes and environmental services science domain in ICRAF (with Peter A. Minang). Since 2009 overall responsibility for the annual ICRAF Science Week (150-200 scientists, 5 day program). Served, with Beria Leimona as local organizer of the 5th Ecosystem Services Partnership symposium in Bali. Co-led (with Robin Mathews) EU FP7 REDD-ALERT.

Most Relevant Publications (up to 10, during last 5 years, with Google Scholar citation numbers per 7/7/2015)

[Pricing rainbow, green, blue and grey water: tree cover and geopolitics of climatic teleconnections](#) (2014) **M Van Noordwijk**, S Namirembe, D Catacutan, D Williamson. *Current Opinion in Environmental Sustainability* 6, 41-47. (14 citations)

[Reducing emissions from land use in Indonesia: motivation, policy instruments and expected funding streams](#) (2014) **M van Noordwijk**, F Agus, S Dewi, H Purnomo. *Mitigation and Adaptation Strategies for Global Change* 19 (6), 677-692. (18 citations)

[Management swing potential for bioenergy crops](#) (2013) SC Davis, RM Boddey, BJR Alves, AL Cowie,...**M van Noordwijk**...*GCB Bioenergy* 5 (6), 623-638. (26 citations)

[Design challenges for achieving reduced emissions from deforestation and forest degradation through conservation: leveraging multiple paradigms at the tropical forest margins](#) (2013) PA Minang, **M van Noordwijk**. *Land Use Policy* 31, 61-70. (47 citations)

[Benefit distribution across scales to reduce emissions from deforestation and forest degradation \(REDD+\) in Vietnam](#) (2013) MH Hoang, TH Do, MT Pham, **M van Noordwijk**, PA Minang. *Land Use Policy* 31, 48-60. (39 citations)

[Protected areas within multifunctional landscapes: Squeezing out intermediate land use intensities in the tropics?](#) (2013) S Dewi, **M van Noordwijk**, A Ekadinata, JL Pfund. *Land Use Policy* 30 (1), 38-56. (35 citations)

[Social-ecological and regional adaptation of agrobiodiversity management across a global set of research regions](#) (2012) LE Jackson, MM Pulleman, L Brussaard, KS Bawa, GG Brown...**M van Noordwijk** ...*Glob. Env. Change* 22 (3), 623-639. (35 citations)

[Payments for Environmental Services: evolution towards efficient and fair incentives for multifunctional landscapes.](#) (2012) **van Noordwijk M**, Leimona B, Jindal R, Villamor G B. *Annual Review of Environment and Resources* 37, 389-420. (48 citations)

[Influence of coastal vegetation on the 2004 tsunami wave impact in west Aceh](#) (2011) JCL Bayas, C Marohn, G Dercon, S Dewi, HP Piepho, L Joshi, ...*Proceedings of the National Academy of Sciences* 108 (46), 18612-18617. (40 citations)

[Boundary work for sustainable development: Natural resource management at the Consultative Group on International Agricultural Research \(CGIAR\).](#) (2011) WC Clark, TP Tomich, **M van Noordwijk**, D Guston, D Catacutan, *Proceedings of the National Academy of Sciences* (published online, not yet (...)) in a volume with page numbers. (130 citations)