

Patrick A. Jansen

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Patrick Jansen has a strong background in the community ecology of tropical forests, with over 20 years of research experience, with particular focus on interactions that involve wildlife, such as animal-mediated seed dispersal. He has skills in experimental design, field sampling and data analysis. He has published on a wide variety of subjects, including spatio-temporal patterns of seed dispersal and seed predation, forest canopy dynamics, and wildlife communities in forests, and including several methods papers and reviews. For the Smithsonian, Jansen leads the Vertebrate Program of the global ForestGEO network and the Tropical Ecology Assessment and Monitoring program, since 2010. At Wageningen University, Jansen supervises graduate students during research projects, largely in the tropics.

1. Professional Preparation

Wageningen Agricultural University	Biology	BSc.	1990
Wageningen University	Ecology	MSc.	1993
Wageningen University	Ecology	PhD. (w/ distinction)	2003

2. Appointments

Associate professor, Wageningen University, The Netherlands, 2016-present
Staff scientist / Research Associate, Smithsonian Tropical Research Institute, Panama 2010-present
Assistant professor, Wageningen University 2010-2015
Postdoctoral fellow (NWO), University of Groningen & Smithsonian Tropical Research Institute 2004-2009
International consultant, Alterra, Wageningen 2003-2004
Policy maker, Dutch State Department of Nature Management 2002-2003
Councillor, Parliament of the Province of Gelderland, The Netherlands 1999-2003

3. Products

Products (of 52 peer-reviewed publications to date)

Five most closely related

- Visser, M.D., H. C. Muller-Landau, S.J. Wright, G. Rutten & P.A. Jansen (2011). Tri-trophic interactions affect density dependence of seed fate in a tropical forest palm. *Ecology Letters* 14: 1093-1100.
- Garzon-Lopez, C.X., S.A. Bohlman, H. Olf & P.A. Jansen (2013). Mapping tropical forest trees using high-resolution aerial digital photographs. *Biotropica* 45: 308-316
- Hirsch, B.T., R. Kays, V.E. Pereira, P.A. Jansen (2012). Directed seed dispersal towards areas with low conspecific tree density by a scatter-hoarding rodent. *Ecology Letters* 15: 1423-1429
- Jansen, P.A., P.J. Van der Meer & F. Bongers (2008). Spatial contagiousness of canopy disturbance in tropical rainforest: an individual-tree based test. *Ecology* 89: 3490-3503.
- Jansen, P.A., S.A. Bohlman, C.X. Garzon-Lopez, H. Olf, H.C. Muller-Landau & S.J. Wright (2008). Large-scale spatial variation in palm fruit abundance across a tropical moist forest estimated from high-resolution aerial photographs. *Ecography* 31: 33-42.

Five other significant

- Suselbeek, L., W.-J. Emsens, B.T. Hirsch, R. Kays, J.M. Rowcliffe, V. Zamora-Gutierrez & P.A. Jansen (2014). Food limitation and predator avoidance in a Neotropical rodent. *Animal Behaviour*
- Emsens, W.J., L. Suselbeek, B.T. Hirsch, R. Kays, A.J.S. Winkelhagen & P.A. Jansen (2013). Effects of food availability on space and refuge use by a frugivorous rodent (*Dasyprocta punctata*). *Biotropica* 45: 88–93.
- Jansen, P.A., B.T. Hirsch, W.J. Emsens, V. Zamora-Gutierrez, M. Wikelski & R. Kays (2012). Thieving rodents as substitute dispersers of megafaunal seeds. *Proc. Natl. Acad. Sci. USA*. 31: 12610–12615.
- Jansen, P.A., H.C. Muller-Landau & S.J. Wright (2010). Bushmeat hunting, tropical biodiversity and carbon. *Science* 327: 30
- Jansen, P.A., F. Bongers & L. Hemerik, L. (2004). Seed mass and mast seeding enhance dispersal by a Neotropical scatter-hoarding rodent. *Ecological Monographs* 74: 569-589

5. Five synergistic activities

(1) Peer reviewing:

23 journals including *Animal Behaviour*, *Behavioral Ecology*, *Biological Conservation*, *Ecography*, *Ecology*, *Ecology Letters*, *Forest Ecology and Management*, *Functional Ecology*, *Journal of Ecology*, *Journal of Tropical Ecology*, *Oecologia*, *Oikos*, *Philosophical Transactions of the Royal Society Series B*, and *Plant Ecology*.

(2) Editorial board membership:

Integrative Zoology (2009-present); *Methods in Ecology and Evolution* (2014-present).

(3) PhD committee membership:

Olivier Boissier (Université de Paris), Erin Kuprewicz (University of Florida)

(4) Teaching:

Resource Ecology, course for BSc and MSc students at Wageningen University;
Resource Dynamics and Utilization, course for MSc students at Wageningen University;
IGERT course at the Smithsonian Tropical Research Institute,

(5) Thesis supervision:

BSc. Students, past 11, current 1;

MSc. Students, past 122, current 6;

Ph.D. students (co-promotor), past 3

Carol X. Garzon-Lopez, University of Groningen, 2006-2013

Lennart Suselbeek, Wageningen University, 2009-2014

Kevin McLean, Yale University, 2013-2016

current 5:

Helen J. Esser, Wageningen University, 2012-2016

Tim Hofmeester, Wageningen University, 2012-2016

Martijn Weterings, Wageningen University, 2013-2017

Juan Ramirez, Wageningen University, 2015-2019

Rens Vaessen, University of Utrecht, 2016-2020