

Wilbert van Rooij

Position: Director and senior consultant
Name of firm: Plansup
Name of staff: Mr. Wilbert van Rooij
Date of birth: 30-08-1963
Nationality: Dutch



Key expertise

Wilbert has worked as a biodiversity, forestry and spatial planning specialist for the past twenty-two years. As such he was engaged for in total five years overseas: As specialist in several river basin projects in Ethiopia and as the GIS coordinator of the forestry GIS and mapping project in Malaysia. Over the last 12 years Wilbert has specialized in land use and biodiversity modelling and assessment of footprints. From 2006 to 2010 he worked for the Netherlands Environmental Assessment Organization (PBL), responsible for capacity building projects that focused on this type of modelling. From March 2010 to March 2013 he joined the non-profit organization Aidenvironment where he continued his work as land use and biodiversity modelling consultant. From March 2013 onwards Wilbert started his own consultancy bureau **Plansup** offering land use planning support with a specialization in biodiversity footprint assessments, spatial planning and land use and biodiversity modelling. Wilbert has been responsible for adaptation of the global GLOBIO3 biodiversity model to one that can be implemented on a (sub-) national scale. For this process he integrated the model with the Clue land allocation model and made use of national datasets and local expert knowledge. He developed and implemented several (sub-) national land use and biodiversity assessments, developed training manuals and organized training courses and workshops with participants from more than twenty countries. He specialized also in land use scenario building in which local experts are assisted with the development and quantification of scenarios and policy options. Land use changes are linked to biodiversity conservation, ecosystem services, climate adaptation, food security and sustainable development. Over the last 5 years Wilbert also specialized in ecosystem accounting modelling and assessment of biodiversity footprints. He developed between 2014 and 2018 a biodiversity footprint methodology for companies in collaboration with PBL and Alterra and was project leader of two Footprint studies in which 8 companies were involved.

Education

Education and Degree / Diploma	Institution	Date
MSc in Tropical forestry	Wageningen Agricultural University, The Netherlands	1989-1992
BSc in Forest Survey	International Institute for Geo-Information Science and Earth Observation (ITC), Enschede, The Netherlands	1988-1989
BSc in Forestry	International Agricultural College Larenstein (IAHL), Velp, The Netherlands	1984-1989

Countries of work experience

Brazil, Cameroon, China, Costa Rica, Ethiopia, Germany, Guatemala, Honduras, Iceland, Indonesia, Jamaica, Kenya, Laos, Malaysia, Mauritius, Mexico, Mongolia, Norway, Panama, Senegal, South Korea, Sweden, Thailand, Vietnam, Zambia.

Selected Publications

- AMAP 2017. Adaptation Actions for a Changing Arctic : Perspectives from the Barents Area. Arctic Monitoring and Assessment Programme Chapter 7.3 'Modelling the integrated impact of socio economic developments on biodiversity in the Barents area with GLOBIO3'.
- Glomsrod et al, The economy of the North (2015). Chapter 8 "Ecological impacts in Arctic regions—a pilot study of biodiversity"
- Yongyut Trisurat, et al, 2011. Chapters 8, 17, 19 in: 'Land Use, Climate Change and Biodiversity Modeling, Perspectives and Applications '
- Modelling training, methodology and support with all national assessments in: 'Current and future status of Biodiversity in Central America, jan 2011 Strategic Biodiversity Monitoring and Evaluation Program (PROMEBIO). 208 pages
- Biodiversity modelling and scenario analyses. Paper in the 'Proceedings of an international conference on the outlook for Asia-Pacific forests to 2020'. Chiang Mai. Asia-Pacific forestry commission. The future of Forests, FAO, Bangkok , 2009
- Manual National Biodiversity Modelling, Bilthoven, 2007
- Biodiversity - Human Well-being linkages for teak farms in Hojanca, Costa Rica (MNP-CATIE, June 2006)



Employment record [from present to 2006]

Date March 2013- present

Plansup, the Netherlands

Position: Director, Senior consultant

Role: Consultant (Spatial) Planning Support, Biodiversity footprint analysis, GIS & RS specialist, specialist land use, terrestrial biodiversity modelling, scenario building, capacity building, linking biodiversity with Goods and Services and food security, footprint calculation companies

Date 2010- Febr.2013

Employer Aidenvironment, the Netherlands

Position Senior consultant. Role Specialist land use and biodiversity modelling

Date 2006-2009

Employer Netherlands Environmental Assessment Agency (PBL), the Netherlands

Position Senior specialist. Role Specialist land use and biodiversity modelling

Before 2006

Forestry, RS and GIS advisor Terra Vitalis (2 yr), Senior consultant at Oranjewoud (4 yr), RS and forestry coordinator Mapping and GIS project in Malaysia (2.5 yr), Project coordinator several watershed projects in Ethiopia (2.5 yr), Forestry and RS specialist at Winand Staring Centre Wageningen (3 yr).

Assignments [Selection, from recent to 2012]

January 2018 – present: Assessment of biodiversity footprint for two value chains of Alpro. Part of Alpro's one planet thinking implementation program.

Location: the Netherlands. Client: Alpro, IUCN, WWF

June 2016- 2017 -present: Team leader Biodiversity footprint of companies project. Implementation and testing of biodiversity footprint methodology for 6 case studies. Including additional pressure factor (water extraction). Location: The Netherlands Client: Dutch Ministry of Economic Affairs, The Confederation of Netherlands Industry and Employers (known as VNO-NCW)

September 2015 - current: Nomadic Herders Sápmi WP 3 Land use change and Nomadic Herders. Assessment of current and future biodiversity impact in the Barents region with detailed assessments of the Finnmark county of Norway, the Lapponia area in Sweden and the Nenets Autonomous Okrug province in Russia. Different scenarios are used and in addition assessment is made of current and future impediments to reindeer herding and relation to biodiversity loss. International Centre for Reindeer Husbandry, ICR Kautokeino, Norway

January-March 2017: GIS and RS analysis of potential deforestation in Argentinian RTRS soy farms based on RTRS reports and GPS locations. Location: The Netherlands. Client: Milieudedefensie

November-December 2016: GIS inventory and analysis for Charge & Go project. Development of Open source GIS atlas for potential charging stations electric cars. Location: The Netherlands. Client: Lochem Energie, in collaboration with municipalities Lochem and Zutphen.

December 2014 – March 2016: Team leader Biodiversity footprint frontrunner project. Development of biodiversity footprint methodology and calculation of footprint for three Dutch frontrunner companies. Location: The Netherlands Client: Dutch Ministry of Economic Affairs, VNO-NCW.

March 2014 – 2016: ECONOR III The Economy of the North 2015. Ecological impacts in Arctic regions. Location: Norway, Iceland and other countries of the Arctic Region Client: STATISTICS NORWAY (SSB), Netherlands Environmental Assessment Agency (PBL)

October 2014 – December 2014: Experimental Ecosystem Accounting Pilot study (EEA) as part of the System of Environmental Economic Accounting (SEEA). Location: Mexico City and The Netherlands Client: United Nations Statistical Division and UNEP TEEB Office.

July 2014 – November 2014: Elaboration of West Kalimantan oil palm impact assessment case study within the subproject landscape approach, part of the PBL Business and Biodiversity project. Location: The Netherlands. Client: Netherlands Environmental Assessment Agency (PBL).

January -March 2014: Support to Mongolia for Revision of the NBSAPs and Development of Fifth National Report to the CBD. Period: Location: Mongolia. Client: Ministry of Environment and Green Development of Mongolia

June 2013- January 2014: Case study impact palm oil sector in Kalimantan, Indonesia

Location: Kalimantan, Indonesia Client: Netherlands Environmental Assessment Agency (PBL), DGIS, CBD

March 2013: Land use and biodiversity modeling to support land use planning in Vietnam. Location: Vietnam Client: Nuffic, NIAPP

November 2012- June 2013: Three GBO4 Ex ante scenario building workshop

Location: Kenya (Jan 2013), Cameroon (April 2013), South Korea (May - June 2013) Client: PBL, DGIS, CBD

October 2012: Reconnaissance WWF-NL contribution in relation to the conventions. Client: WWF Netherlands

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Full name of authorized representative: Wilbert van Rooij

Date: 12 February 2018