1. Personal data

Surname : Landburg
First Names : Gwendolyn Anette
Place of Birth : Paramaribo
Date of Birth : March 24, 1980
Nationality : Surinamese
Gender : Female

2. Education

- 1999 – 2005
  Bachelor of Science in Environmental Science - Environmental Management
  Anton de Kom Univerity of Suriname
- August 2008 – August 2010
  Master in Forest and Nature Conservation, Major: Ecology; Minor: Aquatic Ecology – Wageningen University, Netherlands
- August 2013 – present
  PhD disturbance ecology, KU Leuven, Belgium

Working area: biodiversity assessment, disturbance ecology, forest ecology, aquatic ecology

3. Working experiences

- August 2002 – February 2004
  Point of Purchase Assistance – Consolidated Industries Corporation
- December 15, 2003- July 2004
  Reporter Times of Suriname
- July 2004- July 2006
  Junior Researcher National Zoological Collection of Suriname/Center for Environmental Research – Anton de Kom University of Suriname (project)
- November 2005 - present
  Teacher Institute for Teachers Education (IOL)
- July 2006 – present
  - Researcher National Zoological Collection of Suriname/Center for Environmental Research (NZCS/CMO) - Anton de Kom University of Suriname
  - Head Environmental Laboratory NZCS/CMO – Anton de Kom University of Suriname
  - Acting Head NZCS/CMO – Anton de Kom University of Suriname

Curriculum vitae Gwendolyn Landburg

  - Lecturer Faculty of Technological Science (FTeW) - Anton de Kom University of Suriname
  - Lecturer Institute for Graduate Studies (IGSR) - Anton de Kom University of Suriname

4. (Research) projects

1. Initial Review Project (EMS-ISO14001) –BHP Billiton, May 2000 to October 2000

2. Subject writer ‘Opo yu ai’ project, Foundation for Clean Suriname, 2001 3. Educational supervisor – Conservation International, April 2002 – June 2003 4. Edible Wild plants - under supervision of H. v. d Lande, October 2002 – January 2003

5. Etno-ecological survey of the lands inhabited used by the Trio peoples in Suriname – Amazon Conservation Team, January 2003
6. Coppename AquaRAP 2004, RAP, Conservation International, February 19th – March 14th, 2004
7. Tafelberg Expedition (second survey) – National Zoological Collection of Suriname, March 23rd – April 6th ,2005
8. Mercury Pollution in the Greenstone Belt – World Wide Fund/ National Zoological Collection of Suriname/Center for Environmental Research (ADEK), July 2004 – January 2007
9. Impact of Gold Mining of the Aquatic Ecosystem of Witi Creek – National Zoological Collection of Suriname/Center for Environmental Research (ADEK), August 2005 – December 2005
10. Mercury monitoring of the Coesewijne river – Stinasu - National Zoological Collection of Suriname/Center for Environmental Research (ADEK), February 2005 – April 2006
11. Inventory Amphibians and Reptiles in the Bakhuis Concession (EIA), West Suriname – National Zoological Collection of Suriname/Center for Environmental Research (ADEK), January – February, 2006

12. Monitoring of Wildlife Gros Rosebel Concession, National Zoological Collection of Suriname/Center for Environmental Research (ADEK) July 2006 – 2008 13. Impact of Gold Mining of the Aquatic Ecosystem of Witi Creek Con’t – National Zoological Collection of Suriname/Center for Environmental Research (ADEK), August 2006

14. Rapid Environmental Assessment Road Bakhuis- Apoera, Amphibians, Reptiles and Mammals, National Zoological Collection of Suriname/Center for Environmental Research (ADEK), BHP Billiton, May 2007
15. Rapid Environmental Assessment Berg en Dal, Water quality, Amphibians, Reptiles and Mammals, National Zoological Collection of Suriname/Center for Environmental Research (ADEK), Kersten & Co, June 2007
16. Mercury poisoning in the Brownsweg village, National Zoological Collection of Suriname/Center for Environmental Research (ADEK University), WWF, July 2008-July 2010

17. Recovery of amphibians from logging disturbance at Kabo, WUR, National Zoological Collection of Suriname/Center for Environmental Research (ADEK University), CELOS, Tropenbos Suriname, CIFOR, January 2010-2012
18. Rapid Assessment South Suriname, Water quality, Conservation International, August-September 2010
19. Upgrading course Biostatistics, NZCS/CMO, TBI Suriname, Senckenberg Museum Germany, 2011
20. Living Planet Guiana Report, WWF Consultant, 2011-2012
21. ESIA, Caramakka, Lelydorp III, Peto Hill, Amphibians and Reptiles, 2012-2013

22. Rapid Assessment Southeast Suriname, Water quality, Conservation International, March 2012

23. ESIA Seismic Survey, Weg naar Zee, Water quality, P-all, August 2013
24. ESIA Kaloti, Water quality, P-all, May-July 2014
25. ESIA Bridge Carolina, Water quality, P-all, July 2014
26. ESIA, Jossikreek Staatsolie plant, Water quality, P-all, July 2014- 2015 27. State-of-the-art study:Best estimates for emission factors and carbon stocks for

Suriname, SBB, CELOS & ADEKUS, June 2016
28. ESIA stations and solar farms EBS, P-all, September 2016
29. Man and Biosphere Peruvia NR project, UNESCO, March 2017-2020 30. WWF Strategic plan evaluation 2012-2017, Mekon Ecology, August-September 2017
31. ESIA Zanderij expansion, P-all, May 2018
32. ESIA SAB Fermentation plant, P-all, June 2018
33. ESIA transmission mast EBS, P-all, May 2019
34. ESIA Janki & Zonen, P-all, October 2020.
35. Upgrading en uitbreiding NZCS/CMO fauna collecties, NZCS/CMO, Naturalis, January 2020-present
36. Suriname Jaguar Survey Project, NZCS/CMO, WWF-Guianas, March 2021-present
37. Implementing biodiversity data flow on the national level by creating data structures between BBS, NZCS/CMO and NIMOS within the Suriname Environmental Information Network (SMIN), NZCS/CMO, BBS, GBIF, July 2021-present
38. Implementing Mercury Phase-out in the Guiana Shield (Mercury Observatory). NZCS/CMO, IRD, WWF Guianas, September 2021-present

5. Member of an organization/commission

1. JCI Paramaribo, 2004-2008 (active member, VP Community)
2. International Society for Biodiversity of the Guiana Shield (IBG), 2013-2016 (Vice chair)
3. Mangrove Forum, 2014- 2020 (core group member)
4. Vereniging voor de Biodiversiteit van het Guiana Schild in Suriname (Association for Biodiversity of the Guiana Shield in Suriname), VBGSS, 2016- 2020 (Chair)
5. International Society for Biodiversity of the Guiana Shield (IBG), 2016-2020 (Board member)
6. National Biodiversity Commission, 2021-present (member, representation NZCS/CMO)
7. ACTO scientific committee Rapid Assessment of Biological Diversity

and Ecosystem Services in the Amazon Region (IPBES), 2021- present (member, representation Suriname)

6. Lectures

1. Ecology, IOL MO-A Biology, 2005 – 2008
2. Introduction Environmental Science, IOL MO – A Biology, 2005 – 2008 3. Population Ecology, FTEW (AdeKUS), BSc. Environmental Science, 2011 – present
4. Analysis of Environmental Data, IGSR (AdeKUS), MSc. Biology, 2011, 2016
5. Population Ecology, IGSR (AdeKUS), MSc. Biology, 2011, 2016
6. Functioning and Disturbance in Forest Ecosystems, IGSR (AdeKUS), MSc. Biology, 2012, 2016; MSc. SMNR (FTeW), 2017- present.
7. Biostatistics, IOL, MO- B Biology 2012, 2014
8. Aquatic Ecology, IOL, MO- B Biology 2012
9. Biostatistics, Qualitative and Quantitative data analysis, FTeW (AdeKUS), BSc. Environmental Science, 2013-present
10. Tropical Biodiversity and Ecosystems, MO-B-Biology, 2014

11. Introduction in Research Methods, MO-B Biology, 2017
12. Biodiversity Conservation, MSc. SMNR (FTeW), 2021.

7. Published work

1. Chapter 'Water Quality' in Coppename Aqua Rapid Assessment, 2005 2. Chapter 'Impacts CMS on Terrestrial Fauna', in Sustainable Management of Tropical Rainforests: The CELOS Management System, 2011, ed. M.J.A. Werger.
3. Common history or environmental trait filters: cross continental comparison of trait environmental relationships in tropical anuran assemblages, *Global Ecology and Biogeography, (Global Ecol. Biogeogr.)* (2012) **21**, 704–715.
4. Mercury levels in pristine and gold mining impacted aquatic ecosystems of Suriname, South America, *Ambio* (2012) **41** (8), 873-882.
5. Chapter 'Water Quality' in Rapid Assessment South Suriname, 2012. 6. Chapter 'Water Quality' in Rapid Assessment Southeast Suriname, 2013. 7. SBB; CELOS; CATIE; NZCS. 2017. State-of-the-art study: Best estimates for emission factors and carbon stocks for Suriname. SBB. Paramaribo, Suriname. 8. Mercury levels in women and children from interior villages in Suriname, South America, *Environmental Research and Public Health* (2018), 15, 1007 9. Caribbean Consortium for Research in Environmental and Occupational Health (CCREOH) Cohort Study: influences of complex environmental exposures on maternal and child health in Suriname, *BMJ Open* (2020), 0:e034702. doi:10.1136/bmjopen-2019-034702
10. Landburg G., Muys B., Amatamsir C., Hermi M, Medium and long term effects of logging systems on forest structure and vegetation composition in the tropical rainforest in Suriname (2021), *Journal of Forest Research*, DOI: 10.1080/13416979.2021.1913305.