

PERSONALIA

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AIMS

- ✓ Stimulate my passion for analysis and deep understanding
- ✓ Balance independent research with team interactions or with communication function
- ✓ Contribute to biological sciences with a penchant for plant science & ecology
- ✓ Live in a green environment in Europe or Oceania
- ✓ Work for an employer that values our environment now and in the future

SCIENTIFIC CAREER

- 2008-2011 Post-doctoral researcher**
- Title Water transport in mangrove trees: plasticity of the hydraulic architecture, its ecological and functional significance
- Location 1.5 years Vrije Universiteit Brussel & Royal Museum for Central Africa
 4 weeks Fieldwork in Gazi Bay, Kenya
 1.4 years Australian National University, Canberra, Australia
 7 weeks Fieldwork in Daintree NP, Lizard Island, Exmouth (Australia)
- 2005-2008 PhD in biology** (Graduated *summa cum laude*)
- Title Hydraulic architecture of mangroves. Ecological plasticity and functional significance of water conducting tissue in *Rhizophora mucronata* and *Avicennia marina*.
- Location 3.2 years Vrije Universiteit Brussel & Royal Museum for Central Africa
 4 weeks Jodrell Laboratory, Royal Botanic Gardens Kew, UK
 6+10 weeks Institute for Wood Technology and Wood Biology, Johann Heinrich von Thünen-Institute, Hamburg, Germany
 4*4 weeks Fieldwork in Gazi Bay, Kenya
 4 weeks Fieldwork in Democratic Republic Congo
- 2000-2004 MSc in biology** at Vrije Universiteit Brussel (Graduated *summa cum laude*)

PROFESSIONAL SKILLS

Duties as PhD/postdoc researcher:

- Performing research independently while creating little research team
 - Specific techniques: light and electron microscopy, microtomy
- Management of laboratory and equipment
- Organizing fieldwork missions
- Lecturing (limited to last postdoc year)
- Applying for research grants at several organizations
- Writing/reviewing papers for international scientific journals
 - # published papers as first author 7
 - # published papers as co-author 7
 - # journals papers were reviewed for 13

IT knowledge:

General	Microsoft Office, Mindjet Mindmanager
Analysing	AnalySIS, ImageJ, SPOT Advanced
Statistics	Statistica
Visual/graphics	Origin, Adobe Illustrator, Adobe Photoshop
Editing	Adobe InDesign, Endnote

Coaching of trainees, MSc & PhD students in:

- Identifying and determining a specific and unique project topic
- Setting up a work plan and time schedule with regular evaluations
- Setting up experiments and technical protocols for lab and fieldwork
- Organizing fieldwork from practicalities to the science
- Independence & responsibility (plan use of products/equipment, health & safety rules)
- Analysing and interpreting data, statistical testing
- Scientific writing of report, thesis or article

KNOWLEDGE OF LANGUAGES*Always prepared to improve or learn new languages*

Dutch	native language
English	good
French	moderate
German	moderate
Swahili	basic

SCIENTIFIC HONOURS & AWARDS***Personal***

- **Sciences Award** Best student of the Faculty of Sciences 2000-'04, VUB.
- **Review of PhD thesis** in IAWA Journal 29(3): 290 by Pieter Baas.

Students under my supervision

- **VLIZ Thesis Award for Marine Sciences 2008** MSc. Biology VUB student Elisabeth Robert
- **VLIZ Thesis Award for Marine Sciences 2009** MSc. Biology VUB student Dennis De Ryck.

EXTRACURRICULAR ACTIVITIES

Friskis&Svettis intensive gym, Box Fit classes, running, hiking, dancing, vegetarian cooking