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## ING. PAULUS NATANGO AMAKUTUWA

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**Date of Birth:** 09. 08. 1985

**Nationality:** Namibian

**Address:** P. O. Box 50776

Bachbrecht

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## EDUCATION

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**2011 - Current** University – Czech University of Life Sciences, Prague

**Ph.D. candidate:** *Programme:* Landscape Engineering, *Course:* Environmental Modelling

**Thesis:** Modelling the impacts of climate change on hydrology and water resources of the Cuvelai-Etosha Basin

**Supervisor:** Ing. Martin Hanel PhD.

**Courses Completed at PhD Level:** 1. Modelling of atmospheric processes, 2. English language, 3. Hydrology and Hydraulic modelling, 4. Hydrology and Hydraulics, 5. Environmental Engineering, 6. Internship (see employment history)

**Current state:** Awaiting thesis publication and thesis defence.

**2008 - 2010** University - Czech University of Life Sciences, Prague

**Masters [M.sc]:** Forestry, Water and Landscape Management

**State exam:** Water resources management, Irrigation and drainage, Ecology and ecological methods, Forest management

**Thesis work:** Impact of climate change on rainfall patterns in the Cuvelai-Etosha basin

**2005- 2007** University - Czech University of Life Sciences, Prague

**Bachelor [BSc.]:** Tropical and Subtropical Agriculture

**State exam:** Plant production, Animal Science, Agricultural economics,  
Agricultural Mechanization

**Thesis work:** Irrigation and water management in Namibia

**2004- 2005** University - Charles University in Mariánské Lázně,

Specialized language school

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## RESEARCH INTERESTS

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My main interests are in the science of water, environmental modelling, climate change and agriculture. I believe that with advanced knowledge in these fields, I will have a strong foundation in not only understanding the challenges faced, but also the ability to provide

comprehensive solution to most of these challenges. In the future I plan to focus in the research and modelling of ungauged watersheds in arid and semi-arid regions.

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#### PUBLICATIONS, PRESENTATIONS, POSTERS, AND CONFERENCES ATTENDED

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**2010 – Publication:** Impact of climate change on precipitation trends in the Cuvelai-Etosha Basin (Elektronické univerzitní časopis, Czech University of Life Sciences)

**2012 – Conference:** Patching flow data for the Cuvelai-Etosha Basin (Česká zemědělská univerzita – Cernokostelská konference 2012)

**2013 – Workshop:** Inception workshop for the climate change in the Benguela current with special focus on fisheries (Food Agriculture Organization (FAO) and Benguela Current Commission (BCC))

**2013- Short Course:** Using climate information for adaptation and policy Development (University of Cape Town, South Africa)

**2016 – Publication:** Finding a Modelling approach on the analysis of climate change impacts on hydrology in the Cuvelai-Etosha ephemeral streams of north central Namibia: A review (South Africa Journal of Science) – **Under review**

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#### EMPLOYMENT HISTORY

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**12/2015 – Current** Associate consultant: Namland Consultant

- Consultations and Advisory services
- Compiling of environmental plans and management
- Environmental Scoping
- Preparing of Environmental Impact Assessment (EIA's)
  - o Water resources and Hydrology expert

**06/2013 – 01/2015 Consultant:** Integrated Environmental Consultants Namibia (IECN NAMIBIA)  
<http://www.iecn-namibia.com/>

- Internship
- Compiling of the Namibia National Climate change strategy and action plan
  - o Visiting and interviewing all relevant ministry and stakeholders
- Project document writing for the Benguela current commission (BCC) project documents
  - o Including: Attending of the BCC inception workshop, Cape Town (07/2013)
- International travels, including conferences and special training programmes.

**12/2010–12/2011 Promoter,** Prague Travel, <http://www.praguetravel.cz>

- Promoting travel agency products
- Part time

**07/2004 – 09/2004 Tutor-** AutoCAD Software

- Komeho Namibia, <http://www.namibia-aid.org.uk/nakomeho.htm>
- Training AutoCAD to employers of Komeho Namibia.
  - Short course

## LANGUAGES

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Czech- Very good (read, speak & write)

English – Very good (read, speak & write)

Portuguese – Beginner (Read and write)

Oshiwambo – mother tongue

## COMPUTER KNOWLEDGE AND OTHER SKILLS:

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### **Data collection and**

**MS Office** - User knowledge (Word, Excel, PowerPoint), Internet

**CAD/AutoCAD**- professional level

**Corel** - Professional Level

**Arc GIS** (create, editing maps and data analysis) - Professional Level

**GNU R** (programming language) - very good level

## AWARDS & OTHER MERITS:

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2002 - Best overall performance in the final IGCSE (International General Certificate of Secondary Education) examinations for the Ondangwa west region.

2013 – Award for participating in the climate system analysis group (CSAG) training course -Using climate information for Adaptation and Policy Development (University of Western Cape).

## INTERESTS:

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Nature conservation, Manual and IT drawing, music (actively playing drums & melodica), DJing, reading and Sports (Football, Basketball & rugby)