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Position/Grade/Category	PhD student			
PhD Title	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Accredited to supervise doctoral theses?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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EDUCATIONAL BACKGROUND:

2016-2017: PhD level courses by different institutes:

- Political Ecology, Royal Technical University (KTH), Stockholm, Sweden
- System Dynamics modelling, Conference of the System Dynamics Society, Delft, The Netherlands
- Geopolitical theories and methods, Maastricht University, The Netherlands
- Agent-based modelling for renewable resource management, Agropolis International, Montpellier, France
- Europe and Sustainable Development, Jean Monnet Programme, Université Blaise Pascal, France
- Research methodology and ethics, Stockholm University, Sweden
- Graduate Workshop in Computational Social Science, Santa Fe Institute, United States
- Ecological economics, University of Iceland, Iceland

2013-2015: Master of Geography, major in Terrestrial Ecosystems and Environmental Change, KU Leuven University, Leuven and Free University Brussels (VUB), Brussels, Belgium (graduated magna cum laude: 81,5%)

2014 Jan-Jun: Erasmus exchange to Stockholm University, Sweden, concerning the subjects:

- Environmental Management and Planning
- International Environmental Issues

2010-2013: Bachelor in Geography, KULeuven University, Leuven, Belgium

WORK EXPERIENCE:

2016 March-ongoing: PhD student in joint EU-funded project (H2020-MSCA-ITN: Horizon 2020, Marie Skłodowska-Curie Actions, Innovative Training Networks), called "Adaptation to a New Economic Reality" (AdaptEconII). PhD topic: natural resources and conflict risk from a complex systems perspective.

Stockholm University, Stockholm, Sweden
Iceland University, Reykjavik, Iceland
Swedish Defence University, Stockholm, Sweden

2015 Sep-Dec: Internship at department of Earth Sciences and Geohazard Risk Reduction.
UNESCO, Paris, France

2015 March: Geomorphological field work in the Nile valley (Egypt) within a multidisciplinary archaeological research team.
Department of Earth and Environmental Studies KULeuven University, Leuven, Belgium

2014-2015: Teacher within the 'GeoMobiel' project for 16 to 18 year old teenagers, which teaches and promotes geomatics, GIS and geo-ICT.
KULeuven University, Leuven, Belgium

2014 Aug-Sep: Support of process and quality management at the division of Environmental Impact Assessment of the Department of Environment, Nature and Energy
Flemish government, Brussels, Belgium

PUBLICATIONS:

Bachelor thesis (2013): Agriculture in Sub-Saharan Africa: How do different systems perform?

Master thesis (2015): A global analysis of potential sites for large dams

Unesco (2015). Workshop report: An activity of the programme on Reduction of Earthquake Losses in the Extended Mediterranean Region (RELEMR). The XXXVI International Workshop on Seismicity and Earthquake Engineering in the Extended Mediterranean Region.

Publications in progress for 2018 for PhD studies:

Defining critical natural resources: tackling biases on global perspective, social sustainability, and renewables. Target journal: Society and Natural Resources

The Value of Environmental Variables and Machine Learning Tools in Conflict Risk Modelling. Target Journal: Journal of Peace Research.

ADDITIONAL INFORMATION:

LANGUAGE SKILLS

Dutch: Mother tongue, refined by reports, presentations and daily literature

English: thorough knowledge thanks to:

- PhD studies in Stockholm and Reykjavik with English as main professional language
- Internship at UNESCO with official, professional English communication
- Erasmus exchange with nearly all communication in English
- Successful bachelor and master thesis written in English (grades: 18/20 and 15/20)
- Master program Geography in English, including all lectures, assignments, reports, essays and presentations in English

French: thorough knowledge thanks to:

- 4 months living in Paris in a French speaking residence and extra French language lessons provided by UNESCO
- 8 years of basic and secondary education in elementary and high school

Swedish: thorough knowledge by:

- Advanced course "Swedish as Second Language"
- Daily literature and conversations with Swedish friends, roommates and colleagues

German: passive knowledge by:

- Basic courses during high school - Occasional use during holidays

COMPUTER SKILLS

Microsoft Office: Thorough knowledge of Word, Excel and PowerPoint by reports, essays and presentations in high school, in the bachelor and master degree of geography, at student jobs and internship, conferences and workshops during PhD studies

Statistical computing: Software Excel, SAS and R, taught in statistical courses and applied in bachelor, master and PhD thesis

Numerical Modelling:

- Software Matlab, applied in courses for land use, erosion, hydrology, atmospheric and glacial systems modelling
- Modelling of atmospheric processes in Linux shell with 'High Performance Computing (HPC)'- cluster.
- System dynamics modelling: PhD courses at University of Iceland and at summer school of the System Dynamics Conference, Delft, The Netherlands, and applied in PhD research
- Agent-based modelling at "Multi-platform International Summer School on Agent- Based Modelling & Simulation for Renewable Resources Management" at Agropolis, Montpellier, France
- Machine learning based on complexity theory, specifically neural networks and random forest methods, learned during master programme and Graduate Workshop in Computational Social Science Modelling and Complexity, Santa Fe Institute for Complexity, Santa Fe (USA), and applied in PhD research
- Database management: SQL (Structured Query Language) with extension for spatial databases in a specific university course for this during master studies

Geographical Information Systems (GIS):

Thorough knowledge of the software Mapinfo, QGIS, ArcGis and Idrisi applied through the whole geography program, in combination with programming software such as Matlab and Python

Programs for text coding and qualitative analysis of texts:

Nvivo and TAMSanalyzer for course work during master and PhD research work

VOLUNTARY WORK AND COMMUNITY ACTIVITIES

2011-2015: Class responsible in bachelor and master, participant in the Permanent Education Commission (POC) of the bachelor degree and the InterUniversity Education Commission (IUOC) of the master degree
Geography program, KULeuven University, Belgium

2012-2013: Financial responsible of the student association of geography students
Student association Merkator, Leuven, Belgium

2009-2015 Jul: Arranging of summer camps for socially vulnerable children (2,5 to 12 years old) as cook and child supervisor
Akindo vzw, Lommel, Belgium

2012 Aug: Supervisor of children (2,5 to 12 years old) in the municipal daycare
Initiatief Buitenschoolse Opvang (Initiative After-school Care), Hamont-Achel, Belgium

2007-2014: Arrangement of music camps for youth orchestra and other voluntary support to the orchestra
Wind orchestra Kempenbloei, Achel, Belgium