

Title	MA	First name	Florian
Surname	Dierickx		<i>Mandatory</i> <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female
Department	UCA – CERDI (Centre d'Etudes et de Recherches sur le Développement International)		
Position/Grade/Category	PhD		
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
Address	2 Rue Halle de Boulogne		
Postcode	63000	City	Clermont-Ferrand
Country	France		
Telephone 1	+33 / 641004537	Telephone 2	++ /
Fax	++ /	Website	https://www.linkedin.com/in/floriandierickx/
Email	floriandierickx@gmail.com		

EDUCATIONAL BACKGROUND:

- **Bachelor** Bioscience Engineering, Land- and Forest Management & Environmental Technology (University of Antwerp, Belgium, 2007-2010)
- **Master** Bioscience Engineering, Environmental Technology & Bioeconomics and Policy (KU Leuven, Belgium, 2011 – 2014)
 - o Advanced Earth Observation Techniques, Agricultural Economics and Food Policy in Developing Countries, Applied Soil and Aquatic Chemistry, Atmosphere Chemistry, Ecodesign and Life Cycle Engineering, Ecotoxicology and Risk Analysis, Environmental Economy, Environmental Law, Global Biogeochemical Pathways, International Economy, Macro-economy, Mass Transport in Soil, Membrane Technology, Natural Risk Management, Process Control in the Chemical Industry, ...
- Training School "FOSS4VGI - Using Free and Open Source Software with VGI: integration, analysis and visualisation" (Politecnico di Milano, 2015)
- Wind Energy (DTU Technical University of Denmark, 2017)

WORK EXPERIENCE:

- **PhD Student** at CERDI (UCA); Clermont-Ferrand, France; 2016 – current)
 - o Focus is on dynamic modelling of material requirements for renewable energy deployment in the EU with a specific focus on the effects of long-term recycling of energy carriers and construction material, using ecological network analysis, (physical) input-output modelling, LCA studies and energy models. The research links with the ongoing circular economy debate and data policies on EU, at national or regional level. Funding is provided through the EU H2020 Marie Curie Programme.
- **Associate Project Officer** in Section of Earth Sciences and Geo-Hazards Risk Reduction (UNESCO); Paris, France; 2015-2016)
 - o Implementation and analysis of worldwide building code policy survey, carrying out a literature review of building policies and drafting a publication on building policy for earthquake safe construction
 - o Research on Disaster Risk Reduction activities and management in UNESCO-affiliated sites (World Heritage, Biosphere Reserves, Global Geoparks)
 - o Negotiation of Memoranda of Understanding between different types of organizations for multi-stakeholder projects
 - o Contribution of UNESCO to UNISDR on the indicators for the Sendai Framework for Disaster Risk Reduction
 - o Organization of various conferences such as the World Conference on Disaster Risk Reduction, HABITAT III and the International Platform for Earthquake Early Warning Systems
- **Research Scientist** in Department of Earth and Environmental Sciences, Division of Bioeconomics (KU Leuven); Leuven, Belgium; 2012-2014)
 - o Research in the framework of the project 'Sustainable land use and resilient livelihoods in the landslide-prone region of Mount Elgon, Uganda (SureLive)', supported by the Belgian Development Cooperation and VLIR-UOS.
 - Main activities were:
 - Inventorying the different types of elements at risk within a district around the Mount Elgon national park in Uganda
 - Establishment of a spatial and temporal landslide database using GIS software (QGIS)
 - Assessment of direct consequences of landslides within the district by conducting key-informant interviews and analyzing various types of secondary sources
- **Research Assistant** research group Environment & Society (University of Antwerp); Antwerp, Belgium; 2010-2012)
 - o Assisting with research and interviews on the storage of nuclear waste, associated risks and identification of socio-technical challenges at the national level in Belgium, as a part of the research project International

Socio-Technical Challenges for Implementing Geological Disposal: InSOTEC (EU Seventh Framework Programme).

PUBLICATIONS:

- Dierickx, F. (2017, June). *Renewable Energy Transition(s) in the EU: Methods and Datasets for Energy and Material Accounting*. Presented at the 25th IIOA Conference, Atlantic City. Retrieved from <https://www.iioa.org/conferences/25th/papers/files/3040.pdf>

ADDITIONAL INFORMATION:

During the PhD, I am actively responding to calls for review of legislation proposals and reports (European Commission, IPCC, ...) when related to the subject I am studying.