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## CURRICULUM VITAE: IMKE MEYER

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Institution : Stellenbosch University  
Profession : Mechanical Engineer  
Specialization : Photovoltaic and ocean energy solutions  
Position in Institution : Research Engineer  
Year appointed : 2013  
Nationality : South African  
Language Proficiency : English, Afrikaans

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### EDUCATION AND PROFESSIONAL STATUS

Qualification	Institution	Year
BEng (mechanical)	Stellenbosch University, South Africa	2012
MEng (mechanical) candidate	Stellenbosch University, South Africa	current

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### EMPLOYMENT AND EXPERIENCE OVERVIEW

Imke Meyer holds a BEng degree in mechanical engineering from Stellenbosch University and is currently working on obtaining her master's degree. Imke works in the solar and ocean energy industry. Imke's solar work focuses mainly on generating yield and feasibility reports for Photovoltaic roof top installations. Imke has worked on projects for large clients such as Pepkor Holdings and the V&A Waterfront and through developing these solar solutions gained keen knowledge of the South African energy market. With respect to ocean engineering, Imke has worked with oscillating water columns examining the interactions between the ocean waves and the air inside of the device. Making use of this knowledge Imke worked with inventors of a wave energy convertor to guide them in the development and testing of their device. Imke has also completed work on the Agulhas current by examining this resource as a potential source of renewable energy in the study '*Assessment of the Ocean Energy Resources off the South African Coast*' and co-authored the paper '*Evaluation of HYCOM as a tool for ocean current energy Assessment*'.

#### Recent, Selected Project Experience:

Year	Description, client
2014	Prefeasibility Study for the Installation of Roof Top PV at the V&A Waterfront, V&A Waterfront
2014	Processing in situ ADCP data for input into a Prefeasibility Study for Aquantis, Inc, Aquantis, Inc
2013	Prefeasibility Study for the Installation of Roof Top PV at Pepclo, Pepkor Holdings
2013	Assessment of a Novel Oscillating Water Column, Natural Energy Systems
2013	Assessment of the Ocean Energy Resources off the South African Coast, SANEDI

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### PUBLICATIONS

Van Zwieten J. H., Meyer I. and Alsenas G. M., 2014, "Evaluation of HYCOM as a tool for ocean current energy Assessment", Marine Energy Technology Symposium, Seattle, WA, 15-18 April 2014

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