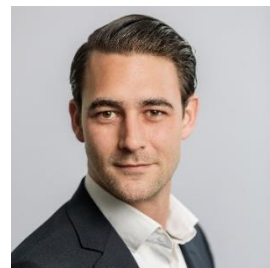

Personal details

Naam	<i>R.R (Raoul) Broekens</i>
Nationality	<i>Dutch</i>
Date of birth	<i>18 november 1986</i>
Role	<i>Geotechnical advisor/project manager</i>
Email	<i>raoul.broekens@geobest.nl</i>



Education

2006-2011	BsC, University of The Hague, Civil Engineering
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Work experience

Geobest B.V. *december 2012 - present*
Geotechnisch adviseur

Projecten (selection):

- *advisor/designer "4000t Slipway", Mombasa (Kenyan Navy);*
- *advisor/designer "Zalmhaventoren", Rotterdam (Zalmhaven c.v);*
- *advisor/designer Tender "Reconstruction Amstelveenlijn", Amstelveen (Dura Vermeer);*
- *advisor/designer "A9 Gaasperdammerweg", Amsterdam (IXAS);*
- *foundation design "Duiker Klapwijkseweg", Haarlem (van der Helm B.V.);*
- *foundation design "McDonalds Zijdelweg", Uithoorn (McDonalds Nederland B.V.);*
- *advisor/designer Reference desing "Rijnlandroute", Leiden (Grontmij/Sweco);*
- *foundation design sound barriers "omlegging A9", Badhoevedorp (CBB);*
- *foundation design sound barriers "PreNoMo", Rotterdam (Holland Scherm B.V.).*

Nebest B.V. *may 2011 – december 2012*
supervisor tunneling process TBM

Projecten (selectie):

- *boortunnels Noord-Zuidlijn, Amsterdam (Dienst Noord-Zuidlijn);*
- *research bridge 400, Amsterdam (Ingenieursbureau Amsterdam);*

Witteveen+Bos Rotterdam. *december 2010 – may 2011*
internship

Job description:

- *design of a flexible floodbarrier Spui (part of the advice of the Deltacommissie);*
- *determination of the scope of works;*
- *determination of requirements, system engineering (SE);*
- *design of alternatives and variations of the desing;*
- *geotechnical and structural calculations.*

Gebroeders Schouls B.V. *august 2009 – february 2010*
internship

Job description:

- *various civil work preparations at the workoffice;*
- *various civil work preparations on site;*
- *geotechnical and structural calculations.*

Languages

	speaking	writing	reading
Dutch	<i>good</i>	<i>good</i>	<i>good</i>
English	<i>good</i>	<i>good</i>	<i>good</i>
Deutch	<i>basics</i>	<i>basics</i>	<i>basics</i>
French	<i>basics</i>	<i>basics</i>	<i>basics</i>

Skills

Software: Microsoft Office
 D-Sheet Piling
 D-Geo Stability
 D-Settlement
 D-Foundations
 D-Pile Group
 GRL Weap
 PLAXIS (2D/3D)
 AutoCAD

Courses

2020	GRL WEAP Webinar	Pile Dynamics inc.
2020	BHV - AED	Kompas
2019	Bouwkuipen en Kelders	Betonvereniging
2018	VCA -VOL	SGS
2017	Dynamics workshop	PLAXIS
2017	Standard Course on Computational Geotechnics	PLAXIS
2016	In-house cursus and training D-Pile Group	Deltares
2015	Desing of Soilmix Walls	PAO
2014	Ground improvement technics	PAO
2014	Sheet pile constructions en excavations	PAO
2013	Cours soil mechanics and Foundation works	Reed Business
2013	Basics of D-Sheet Piling van Deltares	Deltares
2008	VCA-VOL	CBEX
