

International doctoral school

**BioGeo 2018**

19<sup>th</sup>-20<sup>th</sup> April 2018

Delft University of Technology, The Netherlands

*Organized by*

**Section of Bio Based Structures and Materials**

**FINAL PROGRAMME**

19<sup>th</sup> April: Science center, Delft

20<sup>th</sup> April: Blue floor, Stevinweg II, CiTG, Delft

Thursday 19 <sup>th</sup> , April		
<b>Applications of Bio materials in geotechnical engineering</b>		
Registration	8.30-9.00	
Timber in Hydraulic structures	9.15-10.15	Jan-Willem Van de Kuilen
Use of microbes and fungi in geotechnical engineering	10.15-11.15	Grainne El Mountassir
Coffee break		
Industry Talk	11.30-12.15	Koninklijke Houthandel G.Wijma&Zonen B.V
Durability of Bio-based Materials in civil engineering structures.	12.15-13.00	Wolfgang Gard
Lunch		
Plants and Geotechnics	14.15-15.15	Amin Askarinejad
Coffee break		
Applications of plants & roots	15.30-17.00	Bob Ursem

Friday 20th, April		
Hands-on experiments		
Introduction to Bio sand	8.30-9.00	Blue floor Stevinsweg II
Methane oxidation for biological treatment of landfill gas	9.00-9.30	Blue floor Stevinsweg II
Gas permeability of soils used in methane oxidation systems	9.45-12.45	Geoscience TU Delft
Bio Sand	9.45-12.45	Geoscience TU Delft
Lunch		
Introduction	13.45-14.15	Blue floor Stevinsweg II
Gradation measurement/Calculations	14.15-15.30	Timber lab
Testing and Conclusions	15.30-17.00	Timber lab