



ALERT - Geomaterials Application Form

Team:	<i>Institute of Geotechnical Engineering Technische Universität Dresden, Germany</i>
Responsible ALERT member:	<i>Prof. Ivo Herle ivo.herle@tu-dresden.de</i>
Link to the website¹:	<i>http://www.tu-dresden.de/biwigt/</i>
Size of the research group:	<i>Number of Seniors: 2, Post-docs: 1 and Doctoral Students: 2, Technical Assistants: 2</i>

Researchers	Topic(s) of interest²
<i>Ivo Herle</i>	<i>Laboratory testing of soils, stress-strain behaviour Constitutive modelling of soils, Hypoplastic models Numerical problems in geotechnical engineering ...</i>
<i>Andreas Winkler</i>	<i>Analytical solutions in geomechanics Standards for geotechnical calculations ...</i>

Post-docs	Topic(s) of interest²
<i>Michael Arnold</i>	<i>Earth pressure calculations and large scale model tests Numerical simulations in geotechnical and tunnel engineering ...</i>

Present PhD students	Title of the thesis
<i>Dennise Dohmel</i>	<i>Laboratory investigations of soil collapse in stress-control problems</i>
<i>Michael Kupka</i>	<i>Slope stability calculations with advanced constitutive models</i>

¹ Link to the ALERT page active in the web page in the site of the local institution.

² Each topic should be actively linked to the list of the relative pdf papers.