

Laloui

## Bio- and Chemo- Mechanical Processes in Geotechnical Engineering

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Description: The seventeenth Géotechnique Symposium in Print took place at the Institution of Civil Engineers on 3 June 2013 and sought to address the new challenges that are emerging from the interactions between multi-physical phenomena. These proceedings bring together the international research presented at the symposium and published across two issues Géotechnique and as well as additional subsequent research published in the journal. This title examines: experimental analysis and constitutive modelling of the bio- and chemo-mechanical behaviour of geomaterials; effects of changes in the pore water chemistry on soil and rock behaviour; interactions between geometrical scales of diverse biological, chemical, physical and mechanical processes; case studies of chemical and biological soil modifications; and applications of bio- and chemo-mechanical models in emerging technologies.



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