



Fernando LOPEZ-CABALLERO

CentraleSupélec - Bâtiment Eiffel -
MF.202

EQUIPE OMEIR

Fernando LOPEZ-CABALLERO

RESPONSABLE DE L'ÉQUIPE OMEIR

PROFESSEUR DES UNIVERSITÉS

Statut : Enseignant·e-chercheur·se

 01 75 31 64 54

 Courriel

Publications

2024

Journal articles

[An open-source application software for spatial prediction of permanent displacements in earthquake-induced landslides by the Newmark sliding block method:](#)

Exneyder Montoya-Araque, Silvana Montoya-Noguera, Fernando Lopez-caballero

Environmental Modelling and Software, 2024, 173, pp.105942. [\(10.1016/j.envsoft.2024.105942\)](#)



[An Optimized methodology of back-analysis and sensitivity analysis for settlement evaluation: Case study on a TBM on the Metro Line 12 extension in the Paris region](#)

Christian Noubissi Kountchou, Reza Taherzadeh, Guillaume Puel, Fernando Lopez-caballero

Computers and Geotechnics, 2024, 167, pp.106043. [\(10.1016/j.compgeo.2023.106043\)](#)



Conference papers

[Coupled approach for the assessment of basin effects on the seismic demand of nonlinear structures](#)

Valeria Soto Moncada, Fernando Lopez-caballero

8th International Conference on Earthquake Geotechnical Engineering (8ICEGE), May 2024, Osaka (Japan), Japan



2023