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## New UniSettle and UniPile Releases

UniSettle 4.0.0.53 and UniPile 5.0.0.54 are now available for download. A detailed history of and links to the latest releases are available at <https://www.unisoftgs.com/support/releases/unisettle4/> and <https://www.unisoftgs.com/support/releases/unipile5/> respectively.

## Pile Prediction: CFPB Conference

A pile prediction event is organized by Dr. Bengt H. Fellenius in connection with the forthcoming 3rd CFPB conference in Santa Cruz, Bolivia, in April. An invitation with details of the site, tests, and prediction submission can be downloaded by visiting <http://www.Fellenius.net/Invitation/>. Further information regarding the conference may be obtained by visiting <http://www.cfpbolivia.com/>.

The event comprises a series of static pile loading tests at the ISSMGE B.E.S.T. site. Four single piles of the same embedment length, 9.5 m, are tested. The piles differ in width and type: a 620-mm bored pile, a 450-mm CFA-pile, a 450-mm FDP pile, and a 220-mm FDP pile. The latter has an Expander Base (EBI) at the pile toe that is inflated to 300-mm diameter after the pile is constructed. The soil profile consists of a silty compact sand and has been explored using conventional boreholes (SPT) with lab tests, CPTU-soundings, Pressuremeter test, and Dilatometer tests. People interested in submitting predictions on the pile-head load-movement curves and capacity for each test will receive a Prediction Package that will contain all necessary soil and pile information. A loading test will also be carried out on a pile group consisting of thirteen 220-mm diameter FDP piles at 3 diameter c/c joined with a rigid pile cap. The load distribution in the individual piles will be determined. For this group, the participants are asked to predict the response of the centre pile and a corner pile.

The prediction effort is a part of a large field study involving instrumentation, head-down and bidirectional tests, and dynamic tests to demonstrate the state-of-the art and practice of analysis of the response and design of single piles and pile groups with regard to settlement and load distribution. The deadline for submission is February 28. The compiled results of the prediction event will be disseminated to all who submit a prediction.

## Trial Version Offer

If you are not a registered user of our [UniPile 5.0](#) software and would like to try it in this prediction event, we would be glad to provide you with a temporary license. Just let us know by replying to this message or by [contacting us](#). UniPile is not just useful for the design of foundations of single piles and pile groups, it also performs head-down and bidirectional loading test simulations which is an ideal tool predicting pile-head vs load-movement.

## Red Book Update

An updated version of Basics of Foundation Design, by Dr. Bengt H. Fellenius, is now available for download by visiting the "Download" section of our website at <https://www.unisoftgs.com/downloads/documentation/> or by visiting Dr. Fellenius' website at <http://www.Fellenius.net/>. The Red Book also acts as the background manual for the UniSoft programs and is installed with [UniSettle 4.0](#) and [UniPile 5.0](#).

You may also be interested in seeing the details of the unified design for single piles and pile groups by Dr. Fellenius in his recent keynote lecture to the Third Geotech Hanoi conference. It is available for downloading at <http://www.fellenius.net/papers.html> as 363 Single Pile and Pile Groups, Hanoi 2016.pdf.