

# Soil-structure interaction

CSI Software models **soil-structure interaction** using a one-parameter Winkler soil model. The hyperlinks below, present the concepts and techniques associated with modeling soil-structure interaction.

One modeling feature useful to soil-structure interaction is the gap (compression-only) [link](#) object, which enables foundation [uplift](#) without the development of tensile forces. Note that gap objects exhibit [nonlinear](#) behavior, and therefore require a nonlinear [load case](#) during analysis.

## Articles