



# Design of Piles Under Cyclic Loading: SOLCYP Recommendations

Alain Puech (Editor), Jacques Garnier (Editor)

E-Book	978-1-119-46894-3	November 2017	<b>\$120.99</b>
Hardcover	978-1-786-30198-7	January 2018	<b>\$150.75</b>
O-Book	978-1-119-46901-8	December 2017	<b>Available on Wiley Online Library</b>

## DESCRIPTION

Recent developments in the fields of energy, transport and industrial engineering have led to the emergence of new types of structures and infrastructures subject to variable stresses, for which the usual methods for designing pile foundations are now inadequate. The recommendations presented in this book will help to partly fill this technical gap by proposing a methodological approach and calculation methods to take account of the effects of cyclic loads in the design of foundations on piles. These are based on both laboratory and full scale experiments, and on modeling carried out within the framework of the national SOLCYP project.

## ABOUT THE AUTHOR

Alain Puech, Grenoble-Alpes University, France    Jacques Garnier, Grenoble-Alpes University, France