

# The RSPile Promotion is Expiring!

**If you haven't already explored our newest program, *RSPile*, take a look at it now.**

*RSPile* is a general pile analysis software for analyzing driven pile installation, axially loaded piles, and laterally loaded piles. It can be used to compute pile resistance functions for LE slope stability analyses, and *RSPile* files can be easily imported into *Slide* v7.

If you've purchased a copy of *Slide* v7, then you already have access to *RSPile*. If you haven't yet tried *Slide* v7 and *RSPile*, now is the perfect opportunity.

The current promotion of receiving a complimentary *RSPile* license with any *Slide* v7 purchase is ending on June 30, 2016. From July 1 to December 31, 2016, only if you purchase Maintenance for your *Slide* license will you receive a complimentary *RSPile* license (including Maintenance) of the same type.

*RSPile* can also be used as a standalone program for pile analysis and design.

The features of *RSPile* are included in the following page.

# Features Include:

## Laterally Loaded Piles

### PILE TYPES

- Cylindrical
- Rectangular
- Pipe
- Common sections
- Tapered or non-tapered
- Elastic or Plastic

### SOIL MATERIALS

- Elastic
- Soft clay soil
- Submerged stiff clay
- Dry stiff clay
- Sand
- Weak Rock
- User-Defined

### PILE TOP LOADING

- Shear and Moment
- Shear and Slope
- Shear and Rotational Stiffness
- Shear and Displacement
- Moment and Displacement
- Moment and Slope
- Moment and Rotational Stiffness
- Rotational Stiffness and Slope
- Rotational Stiffness and Displacement

### PILE TOE LOADING

- Shear Resistance

### LATERAL RESISTANCE ANALYSIS

- Max Allowable Lateral Displacement
- Ultimate Lateral Resistance
- Both

### ADDITIONAL LOADING

- Loading by lateral soil movement
- Transition zone for sliding soil in lateral resistance function
- Lateral Resistance Function (multiple soil movement cases)

### ADDITIONAL FEATURES

- p-y modification factors
- Export to Excel
- Export to *Slide*
- Info Viewer

## Axially Loaded Piles

### PILE TYPES

- Cylindrical
- Rectangular
- Pipe
- Common sections
- Tapered or non-tapered
- Elastic or Plastic

### SOIL MATERIALS

- Elastic
- API Sand
- API Clay
- User-Defined

### PILE TOP LOADING

- Axial

### AXIAL RESISTANCE ANALYSIS

- Max Allowable Axial Displacement
- Ultimate Axial Resistance
- Both

### ADDITIONAL FEATURES

- t-z modification factors
- Q-z modification factors
- Axial Resistance Graph (multiple sliding depths)
- Export to Excel
- Export to *Slide*
- Info Viewer

## Axial Capacity Of Driven Piles

### NON-TAPERED PILE TYPES

- Pipe - open and closed end
- Concrete
- H-Pile

### TAPERED PILE TYPES

- Timber
- Raymond uniform taper
- Monotube

### SOIL MATERIALS

- Cohesive / Cohesionless

### ADHESION TYPES

- Adhesion for Cohesive Soils
- Piles Driven Through Soft Clay
- Piles Driven Through Overlying Sands or Sandy Gravel
- Piles Without Different Strata
- User Defined Adhesion

### CALCULATED CAPACITIES

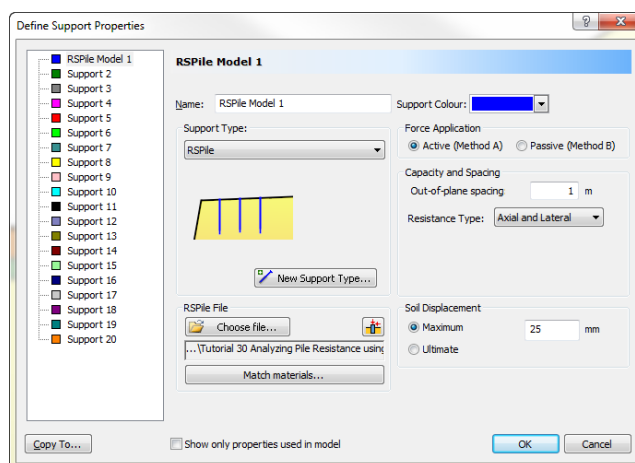
- Restrike, Driving, Ultimate

### DESIGN CONSIDERATIONS

- Long and short-term scour
- Soft compressible soils
- Negative skin friction

### ADDITIONAL FEATURES

- Export to Excel
- Info Viewer



Read RSPile files directly in Slide