

Session Agenda:

September 15 (Monday)	September 16 (Tuesday)	September 17 (Wednesday)	September 18 (optional) (Thursday)		
Regular + Optional Session (4 days) - \$1,850 * only 40 spots available for the optional day					
Regular Session (3 days) - \$1,400			(Concurrent Sessions)		
SLOPE/W I Basic theory and features <ul style="list-style-type: none"> • Methods of analysis • Geometry • Material properties • Slip surface options • Pore-water pressures • Line loads 	SLOPE/W II Advanced theory and features <ul style="list-style-type: none"> • Reinforcement fundamentals • Finite element stresses • Seismic loads • Probability & sensitivity 	SEEP/W II Advanced theory and features <ul style="list-style-type: none"> • Transient theory and features • Transient boundary conditions • Time steps • Seepage sensitivity • Integration of transient SEEP/W pwp's in SLOPE/W 	TEMP/W <ul style="list-style-type: none"> • Introduction to thermal geotechnical analyses • Artificial ground freezing • Permafrost degradation 	F. E. Theory <ul style="list-style-type: none"> • Discussion of basic finite element theory • Convergence issues • Developing time stepping sequences 	Study Hall * <ul style="list-style-type: none"> • Work on your own models with guidance and support from GEO-SLOPE engineers • Work through pre-created lessons to ensure you are comfortable using the software
			Tips & Tricks <ul style="list-style-type: none"> • Using the user interface of GeoStudio 2007 effectively • Importing and exporting pictures, data, results 	Using Add-Ins <ul style="list-style-type: none"> • How to develop Add-In functions to expand the functionality of GeoStudio 	Study Hall* <ul style="list-style-type: none"> • Work on your own models with guidance and support from GEO-SLOPE engineers • Work through pre-created lessons to ensure you are comfortable using the software
Noon	Noon	Noon	Noon	Noon	Noon
SEEP/W I Theory and features <ul style="list-style-type: none"> • Steady-state analysis • Darcy's Law • Boundary conditions • K-functions, VWC functions • Geometry • Finite element meshing • Integration of steady-state SEEP/W pwp's in SLOPE/W 	SIGMA/W I Theory and features <ul style="list-style-type: none"> • Stress and deformation • Soil strength models • Staged construction • Slip elements • Beams and bars • Integration of finite element stresses in SLOPE/W 	SIGMA/W II <ul style="list-style-type: none"> • Consolidation • Volume change • Wick drains • Soft soils construction • Heave and settlement due to water addition or removal 	QUAKE/W <ul style="list-style-type: none"> • Introduction to dynamic analysis • Using QUAKE/W results in SLOPE/W to estimate permanent deformation 	Using Add-Ins <ul style="list-style-type: none"> • How to develop Add-In functions to expand the functionality of GeoStudio 	F. E. Theory <ul style="list-style-type: none"> • Discussion of the basics of finite element theory • Convergence • Developing time stepping sequences
			VADOSE/W <ul style="list-style-type: none"> • Introduction to climate coupled seepage analyses • Application of engineered soil covers 	Tips & Tricks <ul style="list-style-type: none"> • Using the user interface of GeoStudio 2007 effectively • Importing and exporting pictures, data, results 	Study Hall* <ul style="list-style-type: none"> • Work on your own models with guidance and support from GEO-SLOPE engineers • Work through pre-created lessons to ensure you are comfortable using the software

- Concurrent sessions will not require pre-registering for individual sessions before the workshop begins.
- Study Hall is not intended to be a consulting session. One-on-one discussion with GEO-SLOPE engineers will be subject to their availability.
- The agenda is subject to change without notice.