






INDICATIVE LIST OF AVAILABLE EDAFOS' SOFTWARE


Name - Version	Capabilities description	Software Supplier	
PLAXIS 3D Foundation- ver.2.2	3-D finite element analysis		Plaxis b.v. - The Netherlands
PLAXIS - ver.8.6	Finite elements geotechnical analysis		
PLAXFLOW - ver.1.5	Finite elements underground flow		
PLAXIS Dynamics module - ver.8.6	Finite elements dynamic analysis		

Name - Version	Capabilities description	Software Supplier	
PHASES - ver.2	Finite elements tunnel analysis		RocScience Inc. - Canada
RocSupport	Analysis of tunnels of circular section		
Slide - ver. 5.044	Slope stability analysis with and without support measures		
DIPS - ver.5.0	Stereographic presentation of discontinuities – calculation of rock slope stability		
SWEDGE - ver.4.08	Rock prism stability calculation – required anchor force calculation		
UNWEDGE - ver.3.020	Single prism stability for underground structures		
RockFall - ver.4.0	Calculation of falling rock pieces		
Rocklab - ver. 1.004	Determination of strength parameters Mohr – Coulomb and rock mass deformation module by Hoek – Brown criterion (version 2000)		


Name - Version	Capabilities description	Software Supplier	
DeepExcavation 2012	Deep excavations design and analysis software		DeepExcavation LLC

Name - Version	Capabilities description	Software Supplier	
REWARD - ver.2.5 update-22	Retaining walls calculations		Geocentrix Ltd - U.K.


Name - Version	Capabilities description	Software Supplier	
Ressa - ver. 3.	Reinforced embankments analysis		ADAMA Engineering Inc. USA
FoSSa (2.0)	Settlement calculation (2-d & 3-D) of loaded surfaces		


Name - Version	Capabilities description	Software Supplier	
LiquefyPRO - ver. 5.5b	Soil liquefaction hazard assessment and seismic subsidence due seismic motion		Civiltech software U.S.A.


Name - Version	Capabilities description	Software Supplier	
XSTABL - ver.5.2	Slope stability –Various methods and potential diversification of various parameters	Interactive Software Designs, Inc.	Interactive Software Designs Inc.


Name - Version	Capabilities description	Software Supplier	
GEOPRO - ver.3.2	Solve 30 different geotechnical problems	 DATA SURGE	DataSurge Co.


Name - Version	Capabilities description	Software Supplier	
OTHISIS - ver. 1	Solve retaining walls		COMET

Name - Version	Capabilities description	Software Supplier	
Com624P	Lateral pile load	 U.S. Department of Transportation Federal Highway Administration	U.S. Department of transport - Federal Highway Administration


Name - Version	Capabilities description	Software Supplier	
DigiPro - ver. 1.26	Edit and design inclinometer results	 DGS DURHAM GEO SLOPE INDICATOR	Slope Indicator


Name - Version	Capabilities description	Software Supplier	
MACRO 1	Design of slope stability improvement through stability measures	 MACCAFERRI	Maccaferri
MACRO 2	Design of measures against rock fall (e.g. fences)		
MACRA 1	Design of corrosion protection works (e.g. river banks, etc.)		
MACRA 2	Design of structural and hydraulic adequacy of dam overflows		
GAWAC Win 2003	Design of earth walls with gabions filled with gravel		


Name - Version	Capabilities description	Software Supplier	
Geotrig	Mapping of geological measurements / Reduction of geometry in various imaging phases	 RockWare® Earth Science and GIS Software	Rockware


Name - Version	Capabilities description	Software Supplier	
Ruvulum 7.0	Design of fully anchored steel mesh for slope protection (EC 7.0)	 GEOBRUGG	Geobrugg


Name - Version	Capabilities description	Software Supplier	
Secuslope	Reinforced embankments design		Naue GmbH & Co KG


Name - Version	Capabilities description	Software Supplier	
SCADA - ver.10	Structural analysis		American Computers & Engineers S.A.


Name - Version	Capabilities description	Software Supplier	
BetonExpress v.17.09.10	Design of reinforced concrete sections		Runet Software ΕΠΕ


Name - Version	Capabilities description	Software Supplier	
ΟΔΟΣ EMOS	Modeling air pollution, noise and visual disturbance roadwork		Οδός Λογισμική


Name - Version	Capabilities description	Software Supplier	
GIS software – site use	Trimble Terra Sync software v.321		GEOTECH
GIS software – office use	Trimble Pathfinder office software v.4.10		GEOTECH


Name - Version	Capabilities description	Software Supplier	
ECM-Pricing software	Project pricing		ACE-HELLAS


Name - Version	Capabilities description	Software Supplier	
AUTOCAD - ver.2010	Digital design, online edition		AUTODESK
AUTOCAD MAP- ver.2010	Digital design		
AUTOCAD LT - ver.2010	Digital design		
AUTOCAD CIVIL 3D - ver.2009	Slope Design for projects with option for dynamically changing inclination. Calculation, processing, performance and presentation of three-dimensional surfaces and digital terrain models, design elevation curves. Calculation of volume and drawing of soil profiles		
AUTOCAD RASTER DESIGN-ver.2010	Digital design		

Name - Version	Capabilities description	Software Supplier	
COREL DRAW - ver.10	Digital design & digital image process		COREL

Name - Version	Capabilities description	Software Supplier	
GRAPHER - ver.6	2-D plots design		GOLDEN SOFTWARE
SURFER - ver.8	3-D plots design and contours design		

Name - Version	Capabilities description	Software Supplier	
WINDOWS 98	PC operating system		MICROSOFT
WINDOWS XP PROFESSIONAL	PC operating system		
OFFICE 2007	Word processor and spreadsheet		
OFFICE 2003	Word processor and spreadsheet		
OFFICE 2000	Word processor and spreadsheet		
Microsoft Project 2000 (9.0.2000.0224)	Project planning – Scheduling		

Name - Version	Capabilities description	Software Supplier	
Adobe Acrobat - ver. 8.0 professional	Creating and reading pdf type files		Adobe Systems Inc. France
Adobe Acrobat - ver. 8.0 standard	Creating and reading pdf type files		
Adobe Acrobat - ver. 9.0 standard	Creating and reading pdf type files		

Name - Version	Capabilities description	Software Supplier	
CRPOOL	Slope stability – prism method and calculation of critical reservoir level		ΕΔΑΦΟΣ Α.Ε.
WEDGE	Slope stability – wedge method		
RSOil	Calculation of density, strength and length for required elements of reinforced embankment		
Foundation	Bearing capacity of shallow foundations (selectable geometry and drained – undrained strength soil parameters)		
Piles	Bearing capacity of piles with different methods (e.g. DIN 1054, Tomlinson method etc)		
Setel	Calculation of settlement of loaded rectangular surface		
Cuts	Analysis of planar failure of rock prism and required anchor force calculation		