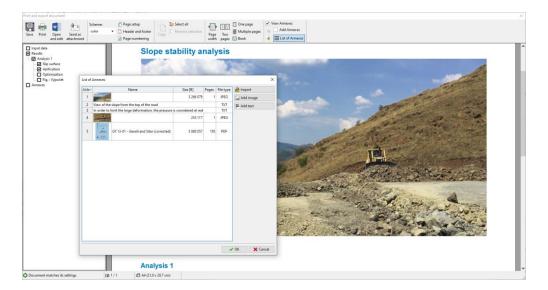


### Using the "Annexes"

Program: Slope Stability

File: Demo\_manual\_45.gst

In this engineering manual, we will show you, how to add an image or text, to the output document and also how to save any data to the task manager. We call these user-inputted data "Annexes" and we use the "List of annexes" window to access them. **This function is implemented into every GEO5 and FIN EC program.** 



#### 1. The "Annexes" in the Output Document

The output document can only contain text data (Fig 1), however, we can amend it with desktop pictures in the appropriate frames. (Fig. 2)

Slope stability ana	tunio							
							Slope stability analy	
tesults (Stage of	construction	1)					Results (Stage of co	onstruction 1)
Analysis 1							Analysis 1	
rcular slip surface							Circular slip surface	
			ce parameters					
enter:	X =	48,95 [m]	Angles :	α1 =	-64,35 [*]		Center :	x = 48,9
idius :	z = R =	60,25 [m]	C. C. Artellicite	a2 =	12,37 [*]		-	z = 60,2
dius :	R =	47,44 [m] Slip surface	after grid search.				Radius:	R = 47,4
um of active forces : um of passive forces : diling moment : esisting moment : actor of safety = 1.35 lope stability ACCEP	F <sub>p</sub> = 4014, M <sub>8</sub> = 140855, M <sub>p</sub> = 190432, > 1.30	17 kN/m 06 kNm/m						F <sub>p</sub> = 4014,17 kN/ A <sub>8</sub> = 140855,06 kNr A <sub>p</sub> = 190432,25 kNr 1,30

α<sub>1</sub> = -64,35 [° α<sub>2</sub> = 12,37 [°

Fig. 1



Using the annotations (EM - 38 - "Using the Annotations Mode"), we can draw and write additional data into the pictures. (Fig. 3) In many cases, however, the user needs to enter their own comments and photos into the protocol (Fig. 4). This can be achieved by adding annexes into the output protocol

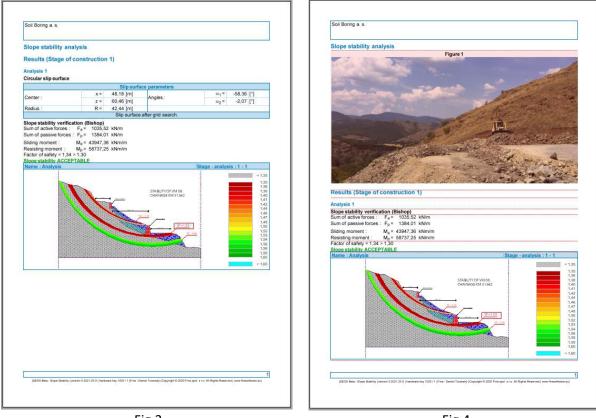


Fig.3



When the "View annexes" button is checked, horizontal red lines will appear in the output document. This is where annexes can be inserted.

ave Print Open Send as and Edit attachment		adar and footer Copy I Remute adaction personbaring	Page Two Multiple page width pages Book	es ∰ ♥ Add Annexes	6		
Floating Analysis Biosuffee Urefication Chrimitestian Chrimitestian Annoca		Slope stability ar Results (Stage of Analysis 1		1)			
		Circular slip surface					
					ice parameters		
		Center :	x =	48,95 [m]	Angles :	α <sub>1</sub> =	-64,35 [°]
		Genter .	z =	60,25 [m]	Angles .	α <sub>2</sub> =	12,37 [°]
		Radius :	R =	47,44 [m]			
				Slip surface	after grid search.		
		Slope stability verifie Sum of active forces Sum of passive forces	F <sub>a</sub> = 2969,	12 kN/m 17 kN/m			
	(B) 1/1	Sliding moment : Resisting moment : Factor of safety = 1,32					

By clicking on the line, the following selection will appear.

#### Slope stability analysis



When we select the "Add text" option a dialog window "New annex" will appear, where we can add a comment.

New Annex	C C						×
•	в	1	<u>U</u> abc	Font color:	-	Background color: $\checkmark$ $X$ $X_2$ $X^2$ $\equiv$ $\equiv$ $\equiv$	
In order t	o limi	it a r	massive	deformation,	pressure at re	st is considered.	
						<sub>북</sub> Add + Close	🗙 Cancel

The text will be inserted onto the corresponding place in the document and will be framed in red. (This function can be turned off, by the "Add Annexes" checkbox.

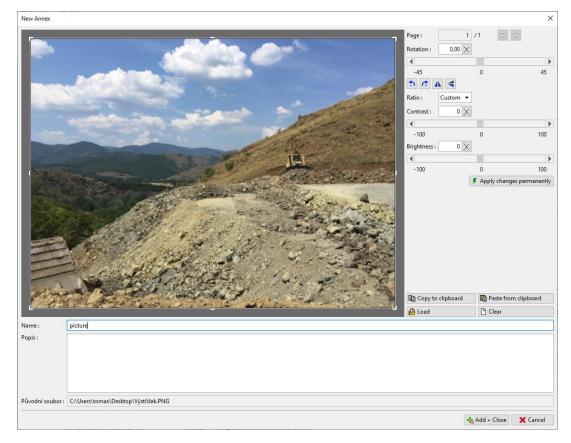
are Print Open Senda and colt attachm		<ul> <li>□ Page setup</li> <li>□ Header and footer</li> <li>□ Page numbering</li> </ul>	To Sect al	Page Wo Block	<ul> <li>✓ View Annexes</li> <li>⊕ I Add Annexes</li> <li>⊕ I List of Annexes</li> </ul>			
] spar des Bondts Bondts Bondts Bondts Bondtsce		In or Res Ana	ope stability an rder to limit a mass sults (Stage of rlysis 1 sular slip surface	sive deformation,		t is considered.		
					Slip surfa	ice parameters		
			W.	x =	48,95 [m]		α <sub>1</sub> =	-64,35 [°]
		Cer	nter:	z =	60,25 [m]	Angles :	α <sub>2</sub> =	12,37 [°]
		Rac	dius :	R =	47,44 [m]			AUGURAN 19707
					Slip surface	after grid search.		
		Sum	pe stability verific n of active forces : n of passive forces	Fa = 2969,1				
			ing moment :	M <sub>a</sub> = 140855,0				
Document matches its settings	G	1/1 nSA4(2%)	0 x 29,7 cm)					

We can edit the text at any time, simply by clicking on the frame. By right-clicking on it, we will open a submenu, that allows us to modify the annex.

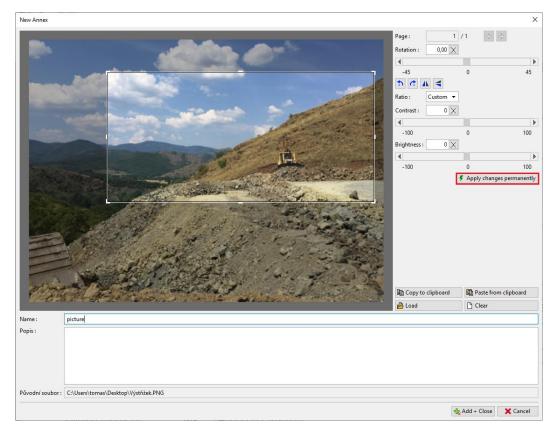
In order to limit a massive deform	ation pressure at rest is considered.
	🗗 Edit Annex
	X Delete
	List of Annexes

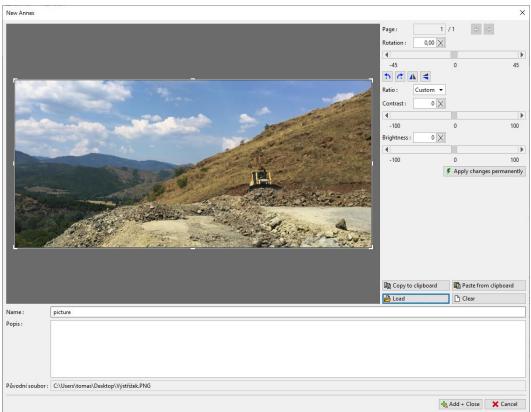
The "Add image" function will open up a dialog window, that allows us to add pictures. We can open the picture by clicking the "Load" button. We can add images, in most common formats -e.g. JPEG, PNG, PDF...

New Annex			×
	Page :		\$
	Rotation :	X	
	4		
	-45	0	45
	Ratio	*	*
	Contrast :	X	
			).
	-100	0	100
	Brightness :	×	
	-100	0	100
	🕃 Copy to clipboar	Paste	from clipboard
	🐣 Load	Clear	
Name :			
Popis :			
		dad + Clo	se 🗙 Cancel

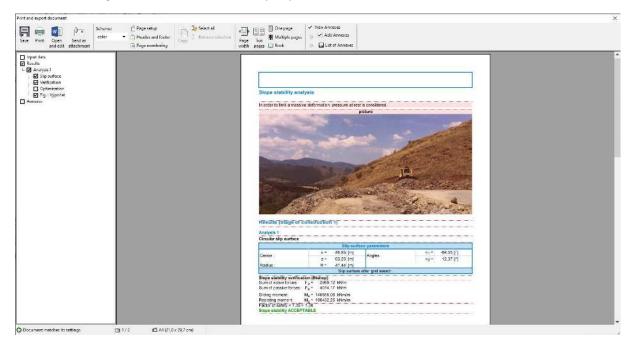


We can also use this frame to edit (crop, level the horizon, adjust the brightness and contrast) of the photo. By clicking the "Apply changes permanently" button, we will save it perennially and delete the original picture. The advantage of this method is, that by scaling the picture down, it will have a smaller file size, therefore the whole data file will be smaller.





The edited image will be added to the output protocol.



By clicking on the picture "Edit properties" window will pop up, where we can change the location and size of the picture.



By adding a new annex (text type), we can describe the picture – in this case, we made the text "Picture description".

int and export document.									
🖪 🖨 🚺 (m. 1	Scheme: color	Proje setup     Product and footer	To Select all		View Annexes				
Save Print: Open Sendlas and colit attachment		🗟 Page numbering	Copy		List of Annexes				
⊇ input data ⊇ Rusults			Slone et	tability analysis					
Aralysis 1	- 1		Slope st	ability analysis					
Ventication	- 1		1.000	5700	and the second	Statement of Statements	and the second second	and the second	
Figs : Wypodet	- 1		1 Course						
Annazas	- 1							and the second	
	- 1		Access (a)	States and the second	12.3		1374	and the	
	- 1		Contractor of Contractor				and a set	and the Case	
	- 1			the and		and the second	the sea with	The second second	
	- 1				and the second	and the la	He was		
	- 1				State of	I STATE TO THE		4.2	
	- 1		10000				1758 A. C	and the second	
	- 1		Sec.	and the second second	-				
	- 1		Charles (	and the second state	THE REAL	Contraction of the	Section -		
	- 1				the stream	All and and	Mar me	20 Anno	
	- 1		Street,	A Statistical and	1 252	Carrier Constraints	EXT	and a start	
	- 1				Pictur	e description			
	- 1								
	- 1			Besseresse					
	- 1		Results	(Stage of construction	11)				
	- 1		Analysis 1						
	- 1		Circular s	lip surface					
	- 1					ace parameters			
	- 1		Center :	x =	48,95 [m] 60,25 [m]	Angles :	(2) =	-64,35 [°] 12,37 [°]	
			Par 41.14 1	Z =	60,25 [m]		(22 =	18'91 []	

Using the submenu (by right-clicking on the annex) a function "Merge with previous", we can bring two annexes together.

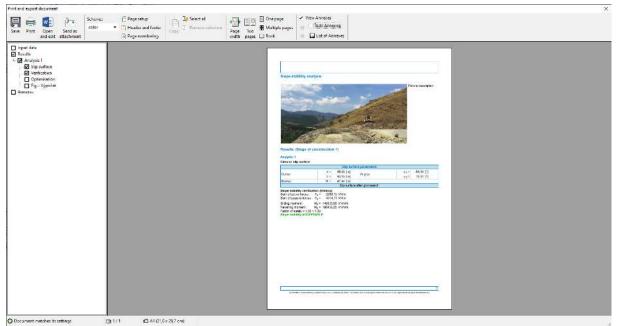
Picture description			
Ficture description	4	Edit Annex	
	×	Delete	
		Merge with previous	
		Move up	
		List of Annexes	

1

Using the "Column width" function, we can later edit its size.

ope stability analysis	
Picture d	Image: Second system         Image: Second system

The output protocol can be freely modified in this way

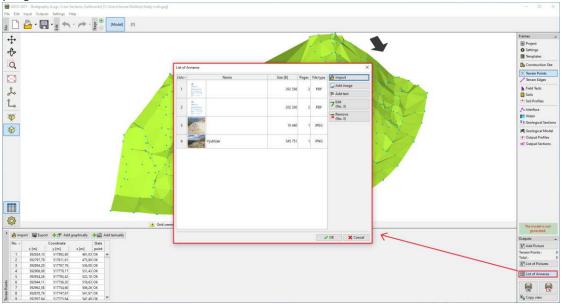


All annexes can be viewed, edited, and deleted at any time in the "List of Annexes" dialog box, that can be accessed by clicking the "List of Annexes" button on the main bar. The "Remove" function is especially important. An annex that was deleted from the output log remains in the data in the "List of Annexes", therefore it is necessary to delete it from here as well.

			1		
číslo≁	Name	Size [B]	Pages	File type	💾 Import
1	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OF THE OWNER	3 266 079	1	JPEG	ဩ Add image
2	View of the slope from the top of the road			TXT	📕 Add text
3	In order to limit the large deformation, the pressure is	considered at rest		TXT	-
4	(B)	253 117	1	JPEG	
5	GT 13-01 - Geraili and Sitar (corrected)	5 080 057	185	PDF	

#### 2. Annexes as external data in the program.

In many cases, it is advantageous to attach additional information to the program data, that is related to our task. We can also input the data into the annex manager from the mainframe of the program.

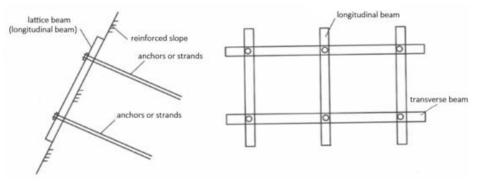


For example, in the subsoil model (Stratigraphy program), a logical annex would be a "Geological survey report, borehole results and test data obtained from the geological database, laboratory results, etc.". These data complement and clarify the created model. The preservation of all documents and procedures is also a basic requirement for BIM modeling.

The program also allows us to load multi-paged PDF files. It is however important to pay attention to the size of the file because these data are stored along with the data from the task.

New Annex			×
		Page: 1	/2 🗢 🔿
		Rotation : 0,00 🗙	
		4	•
	Project	-45	0 45
	Dow : 0109/2020 Settings	5 A 4	
	Straubing intermediate Construction Ste	Ratio : Custom 🔻	
	Autor torawa 0.00 m Costs of two model being service: 0.00 m	Contrast : 0 🗙	
	<ul> <li>κ<sub>m</sub> = 4.00 m K<sub>m</sub> = 50.00 m</li> <li>τ<sub>m</sub> = 5.00 m (5.00 m)</li> <li>Coordinates of turnin points</li> </ul>	•	) I I
	Coordinates of learnin points         a (m)         a (m)           1         6.00         5/21         6.00	-100	0 100
	3         0.00         0.00           3         7.00         5.00           4         7.00         5.00           6         7.00         3.00           6         7.00         3.00	Brightness : 0 🗙	
	1 2410 5.00 5.00 0 2100 0,00 5.00 Finit Tests	•	•
	We Testimme Task Occessing Depth of Consult depth	-100	0 100
	1 011 Bertala 2/00 4/00 5/80 5/80 5/80 2 010 Bertala 2/0 4/00 5/80 5/80 5/80		
	3         8%         8%         6%         7,00         7,00         5,00         5,05         5,05         6,05 <th></th> <th></th>		
	No. Non Test Location Non too sint yiel give		
	1         Def         Device         2.0         4.00         0.11           2         Deg         Device         3.00         5.06         5.13           3         Deg         Device         3.00         5.06         5.34           4         C         Device         13.00         5.06         5.45		
	Series     Series		
	2 00 5.5 00 3 00 50 00 4 0 0 50 00		
	Gestingtical Model 90. Kanna Waster Active upped Veter Office upper 191. Page 191		
	1 8H1 7K5 7K5 2,00 4,00 696 2 8H2 7K5 3,00 3,00 3,00 3,00		
	2 PPS     34     11,20     302     318      36     36     318      36     36     318      36     36     37      36     37      3      37		
	WTP-300465 (see 202030364444 (see 1000 the 1000 the 000500 to 000 to 10 4000 to 4000 to 4000 to 4000	Copy to clipboard	Paste from clipboard
	J	🔒 Load	🕒 Clear
Name : Document			
Název strany :			
Popis strany :			
Původní soubor : C:\Users\toma	s\Desktop\new 45,46\Document.pdf		
		4	Add + Close 🗙 Cancel

It is also possible to attach information, that we might need but do not want to print – such as documents, sketches, solutions, variants.



A considered variant of slope reinforcement

But also other information related to the task



I calculated this on a beach and felt awesome