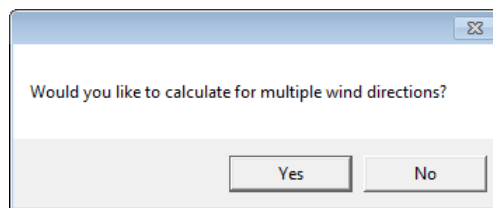


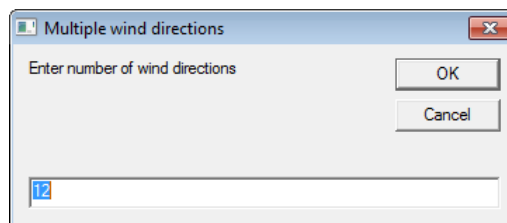
# Flow inclination angles for all sites, heights

This script is similar to the one called 'Text file of flow angle results for all sites and winds'. The only difference is that it reports to an Excel file instead of a text file.

This script calculates flow inclination angles at a selected height for all sites in the project. The script starts by asking whether to calculate for multiple wind directions



- Click 'No' to calculate for all winds in the project.
- Click 'Yes' to calculate for a wind rose containing generalized winds with roughness=0.03, speed=15m/s and the selected height. With this option the script will ask for a number of wind directions.



The results are displayed in a table with flow angles for all sites and the chosen selection of winds.

WASP Engineering flow inclination angle report for 'Pena test project'														
Site	Height AGL	Direction	0	30	60	90	120	150	180	210	240	270	300	330
Turbine site 3	55		3.5574	3.1652	1.7	-0.3193	-1.8575	-2.8887	-3.4337	-2.9891	-1.4891	0.4045	1.9598	3.102
Turbine site 4	55		2.226	1.4113	0.0341	-1.441	-2.146	-2.3504	-2.1026	-1.2418	0.1432	1.5255	2.255	2.5275
Turbine site 5	55		0.7128	-0.6805	-2.0262	-2.7555	-2.3633	-1.5843	-0.5792	0.802	2.2859	2.8701	2.4686	1.7485
Turbine site 6	55		0.9333	-0.1382	-1.349	-2.1844	-1.954	-1.4586	-0.7323	0.268	1.5347	2.2919	2.0581	1.6344
Turbine site 7	55		2.449	0.8829	-1.3245	-3.196	-3.5189	-3.168	-2.2206	-0.7357	1.5175	3.3321	3.6513	3.3545
Turbine site 8	55		3.5507	0.4016	-3.5881	-6.2785	-6.4372	-5.4181	-3.3254	-0.254	3.7956	6.441	6.587	5.5971
Turbine site 9	55		5.0963	-1.2419	-8.2628	-12.207	-11.912	-9.361	-4.8728	1.3988	8.4647	12.388	12.07	9.5435
Turbine site 10	55		0.5475	1.9917	2.9965	3.221	2.538	1.1556	-0.492	-1.8487	-2.8442	-3.1416	-2.454	-0.9553
Turbine site 11	55		0.4335	0.8718	1.1328	1.1551	0.7611	0.2	-0.4208	-0.7801	-0.969	-1.0374	-0.6845	-0.0328
Turbine site 12	55		1.5594	1.4262	0.9951	0.2335	-0.6516	-1.263	-1.5022	-1.3776	-0.8393	-0.0949	0.7439	1.3738
Mast	55		2.741	4.6473	5.402	4.9159	2.9558	0.0836	-2.7409	-4.6126	-5.3605	-4.8657	-2.8779	0.0617