

Table 1

## Simulation outputs							
# Change slope							
a	Slope	z_0	IncisionAngle	ScalRatio	Width		
1	0.01	0.001	79.79547	1.129538	1.138555		
1	0.01	0.001	48.030033	1.992664	1.261496		
1	0.01	0.001	71.407505	1.264086	1.151217		
1	0.01	0.001	68.452981	1.316641	1.160752		
1	0.01	0.001	65.177909	1.411409	1.168164		
1	0.01	0.001	60.77747	1.521928	1.177733		
1	0.01	0.001	55.122253	1.695775	1.205259		
1	0.017	0.001	85.554255	1.044392	1.036668		
1	0.017	0.001	47.999224	1.979102	1.142822		
1	0.017	0.001	78.683216	1.145994	1.039435		
1	0.017	0.001	75.796123	1.194991	1.041751		
1	0.017	0.001	71.85108	1.273254	1.047947		
1	0.017	0.001	66.703164	1.381832	1.06006		
1	0.017	0.001	59.063218	1.579212	1.088918		
1	0.035	0.001	89.305047	0.998892	0.909355		
1	0.035	0.001	47.911509	1.98503	1.007289		
1	0.035	0.001	86.616684	1.03249	0.908117		
1	0.035	0.001	84.807821	1.060092	0.907347		
1	0.035	0.001	81.735925	1.112763	0.916554		
1	0.035	0.001	76.809961	1.182236	0.919189		
1	0.035	0.001	67.450514	1.36554	0.927676		
1	0.052	0.001	83.978819	0.998863	0.856123		
1	0.052	0.001	47.877819	1.986512	0.94444		
1	0.052	0.001	88.759069	1.011795	0.848596		
1	0.052	0.001	87.651156	1.017832	0.853421		
1	0.052	0.001	85.652803	1.048693	0.853601		
1	0.052	0.001	72.596083	1.27889	0.871992		
1	0.052	0.001	63.563732	1.454609	0.880331		
1	0.052	0.001	60.973212	1.52159	0.891295		
1	0.052	0.001	58.450084	1.615931	0.89906		
# Change Q							
a	Slope	z_0	IncisionAngle	ScalRatio	Width	Q	
1	0.035	0.001	86.653577	1.045922	0.660138	0.1	
1	0.035	0.001	79.894794	1.139287	0.659194	0.1	
1	0.035	0.001	70.440248	1.30585	0.668161	0.1	
1	0.035	0.001	63.123294	1.473718	0.684107	0.1	
1	0.035	0.001	55.410612	1.684234	0.694715	0.1	
1	0.035	0.001	47.585317	1.997353	0.7297	0.1	
1	0.035	0.001	86.623232	1.026764	0.839905	0.2	
1	0.035	0.001	79.700915	1.143955	0.844944	0.2	
1	0.035	0.001	70.455905	1.304339	0.850444	0.2	
1	0.035	0.001	62.824995	1.472608	0.872959	0.2	

	1	0.035	0.001	55.26924	1.691992	0.90001	0.2
	1	0.035	0.001	47.637041	1.998708	0.930912	0.2
	1	0.035	0.001	86.418238	1.03621	1.074058	0.4
	1	0.035	0.001	79.499319	1.144222	1.086169	0.4
	1	0.035	0.001	70.395369	1.304385	1.091125	0.4
	1	0.035	0.001	62.846505	1.47441	1.12253	0.4
	1	0.035	0.001	55.480054	1.702876	1.143584	0.4
	1	0.035	0.001	47.82787	1.959829	1.2001	0.4
	1	0.035	0.001	86.114233	1.039267	1.390514	0.8
	1	0.035	0.001	79.445656	1.145929	1.385147	0.8
	1	0.035	0.001	70.150915	1.31823	1.420409	0.8
	1	0.035	0.001	62.555357	1.477899	1.439764	0.8
	1	0.035	0.001	55.413472	1.682123	1.475102	0.8
	1	0.035	0.001	86.113583	1.050104	1.786548	1.6
	1	0.035	0.001	79.061109	1.150695	1.798578	1.6
	1	0.035	0.001	69.772919	1.33096	1.814826	1.6
	1	0.035	0.001	62.641158	1.47704	1.85253	1.6
	1	0.035	0.001	55.295922	1.684475	1.914785	1.6
	1	0.035	0.001	48.410788	1.947023	1.966998	1.6
	1	0.035	0.001	85.999261	1.047798	2.29915	3.2
	1	0.035	0.001	78.878621	1.159221	2.309397	3.2
	1	0.035	0.001	69.434296	1.324056	2.353051	3.2
	1	0.035	0.001	62.606659	1.488848	2.383236	3.2
	1	0.035	0.001	55.422552	1.686208	2.469471	3.2
	1	0.035	0.001	48.422477	1.921767	2.540399	3.2
	# Change z_0						
	a	Slope	z_0	IncisionAngle	ScalRatio	Width	
	1	0.035	0.000167	89.067582	1.002787	0.788342	
	1	0.035	0.000167	48.77085	1.912365	0.866858	
	1	0.035	0.000167	86.276499	1.037593	0.785657	
	1	0.035	0.000167	84.389021	1.068784	0.79133	
	1	0.035	0.000167	76.212753	1.186231	0.791124	
	1	0.035	0.000167	59.759558	1.557717	0.829248	
	1	0.035	0.000167	67.171519	1.361961	0.804068	
	1	0.035	0.000167	55.80848	1.641619	0.83996	
	1	0.035	0.000167	51.339224	1.800468	0.855791	
	1	0.035	0.000333	86.200298	1.038859	0.828714	
	1	0.035	0.000333	48.437738	1.935698	0.912089	
	1	0.035	0.000333	76.438226	1.188183	0.833382	
	1	0.035	0.000333	67.307873	1.368109	0.847184	
	1	0.035	0.000333	59.559725	1.562079	0.867011	
	1	0.035	0.000333	50.919584	1.826831	0.901014	
	1	0.035	0.000667	86.482292	1.036938	0.883762	
	1	0.035	0.000667	48.091794	1.960873	0.965433	
	1	0.035	0.000667	76.590616	1.18479	0.886004	
	1	0.035	0.000667	67.30488	1.365729	0.8928	
	1	0.035	0.000667	59.584283	1.566695	0.918184	
	1	0.035	0.000667	55.318202	1.669345	0.93233	



	0.5	0.04527	0.000567	81.356373	1.178902	0.960819	0.286755
	0.5	0.030289	0.000465	83.907726	1.103427	0.998993	0.275421
	0.5	0.03297	0.0006	60.140198	1.870538	0.894343	0.167058
	0.5	0.019742	0.00124	77.164708	1.25827	1.013675	0.180292
	0.5	0.045469	0.000556	84.147098	1.108736	0.881121	0.232158
	0.5	0.028123	0.000359	64.977822	1.671209	1.024198	0.265986
	0.5	0.049036	0.000532	71.015808	1.432811	0.69829	0.117917
	0.5	0.036261	0.001122	60.544836	1.836783	1.068926	0.247681
	0.5	0.04848	0.001112	72.237122	1.418646	0.998262	0.267482
	0.5	0.019099	0.000831	74.188539	1.358535	0.867987	0.126582
	0.5	0.033119	0.001067	77.901997	1.258458	1.034318	0.254043
	0.5	0.01017	0.000926	65.129937	1.630255	1.131287	0.17445
	0.5	0.050366	0.000427	73.530693	1.377063	0.86227	0.23422
	0.5	0.041194	0.0002	74.794733	1.315321	0.921206	0.294811
	0.5	0.047553	0.00048	78.209234	1.237388	0.692739	0.123895
	0.5	0.027891	0.001295	65.754447	1.642974	1.100059	0.234722
	0.5	0.051867	0.001143	81.102615	1.160313	0.877732	0.193593
	0.5	0.051867	0.001143	87.088584	1.044198	0.87523	0.193593
	0.5	0.025564	0.000264	54.385443	2.135506	0.840736	0.136644
	0.5	0.027651	0.000992	68.94816	1.532382	0.97905	0.190761
	0.5	0.049352	0.001309	61.273493	1.819918	0.879801	0.15966
	0.5	0.046201	0.001314	57.826674	1.99649	1.117454	0.27906
	0.5	0.013878	0.000653	56.47843	2.0506	1.120904	0.186076
	#a=1						
	a	Q	z_0	IncisionAngle	ScalRatio	Width	Slope
	1	0.051282	0.000315	88.45704	1.000887	0.580485	0.115465
	1	0.0168	0.000954	78.614758	1.146914	0.94751	0.193694
	1	0.026011	0.000472	83.807619	1.061924	0.750688	0.154014
	1	0.015875	0.000395	77.548884	1.161802	1.008203	0.276603
	1	0.044162	0.000669	87.973863	1.018836	0.886455	0.286903
	1	0.024229	0.000576	82.897429	1.0893	0.937998	0.261681
	1	0.045888	0.001266	88.234678	1.021812	0.905159	0.257651
	1	0.042952	0.001191	87.892047	1.022943	0.881516	0.236583
	1	0.017584	0.000543	70.07246	1.303356	0.856442	0.166121
	1	0.038235	0.000514	80.440459	1.117731	0.615384	0.103546
	1	0.032602	0.001031	79.024922	1.153287	0.788472	0.157635
	1	0.04605	0.000322	82.481443	1.090161	0.803596	0.259326
	1	0.045001	0.000519	82.631385	1.088935	0.667996	0.140862
	1	0.023955	0.000379	65.372997	1.40452	0.768652	0.153475
	1	0.012762	0.001331	58.537025	1.594359	1.166844	0.246474
	1	0.045119	0.00122	73.742676	1.239713	0.940661	0.283236
	1	0.031233	0.000423	68.618029	1.330713	0.80881	0.199699
	1	0.022895	0.000838	64.76599	1.419143	1.025601	0.270454
	1	0.029944	0.000425	68.00547	1.351057	0.844461	0.219497
	1	0.048775	0.001031	67.141856	1.362704	0.81671	0.19928
	1	0.045314	0.001279	66.110351	1.406302	0.754494	0.144627
	1	0.013153	0.001053	54.645127	1.701866	1.096246	0.212742
	1	0.036973	0.001172	63.655586	1.467625	0.83611	0.176276

	1	0.049995	0.000489	48.063571	1.95966	0.702498	0.134381
	1	0.01975	0.000236	48.580146	1.933218	0.781515	0.133781
	1	0.023721	0.000282	46.676659	1.986265	1.025442	0.281506
	1	0.020921	0.001286	45.858875	2.092312	1.037262	0.188162
	1	0.012762	0.000793	47.127522	2.031922	1.181676	0.24466
	1	0.011444	0.000345	47.294402	1.978912	1.148262	0.2621
	1	0.038311	0.00103	55.958091	1.695036	0.963708	0.256898
	1	0.026704	0.000806	53.686575	1.747554	0.727423	0.101852
	1	0.038844	0.000757	80.888022	1.115941	0.764248	0.170601
	1	0.018517	0.00057	72.160115	1.253934	0.912959	0.206059
	1	0.04927	0.000335	72.434682	1.260298	0.826727	0.279726
	1	0.014206	0.000884	74.410913	1.201113	0.821739	0.120688
	1	0.011729	0.000245	65.139452	1.387014	0.911112	0.187047
	1	0.015583	0.001088	58.078372	1.587413	1.13589	0.260826
	1	0.043668	0.001048	86.754098	1.027469	0.715379	0.141213
	1	0.050703	0.001271	65.73092	1.409323	0.792031	0.178386
	1	0.015041	0.001186	67.285407	1.365052	0.794899	0.101959
	1	0.02283	0.000195	71.662679	1.26233	0.741912	0.161652
	1	0.01949	0.001125	61.741663	1.503216	0.945299	0.181469
	1	0.014847	0.000422	48.497213	1.939498	1.1262	0.275592
	# a=2.5						
	a	Q	z_0	IncisionAngle	ScalRatio	Width	Slope
	2.5	0.026983	0.000506	29.917024	2.475867	0.864646	0.168594
	2.5	0.044006	0.000327	36.004765	2.01861	0.697167	0.156796
	2.5	0.021944	0.000985	49.512768	1.503513	0.985086	0.282772
	2.5	0.051661	0.000466	79.74277	1.073562	0.708131	0.241173
	2.5	0.016321	0.001223	36.720477	1.965057	1.001991	0.195821
	2.5	0.035848	0.000894	67.238554	1.192302	0.597827	0.102534
	2.5	0.018995	0.001166	43.420508	1.697554	0.933994	0.198494
	2.5	0.01792	0.00069	55.297153	1.346221	0.780262	0.159596
	2.5	0.045225	0.000258	61.787606	1.277455	0.566734	0.13257
	2.5	0.044029	0.001073	55.066752	1.407384	0.615174	0.111273
	2.5	0.040735	0.000497	64.818913	1.235119	0.764179	0.250177
	2.5	0.024906	0.000467	47.793166	1.563006	0.748785	0.168564
	2.5	0.027057	0.000523	44.873255	1.625548	0.786867	0.184332
	2.5	0.011789	0.001017	48.144702	1.469356	0.922362	0.172909
	2.5	0.027599	0.001248	61.686953	1.274069	0.834483	0.208237
	2.5	0.044048	0.000256	42.656852	1.727354	0.594555	0.124581
	2.5	0.023118	0.000969	72.431567	1.135446	0.747872	0.15661
	2.5	0.04009	0.000236	86.997997	1.013776	0.688578	0.232619
	2.5	0.026816	0.000212	74.601254	1.117126	0.710121	0.207726
	2.5	0.014628	0.000536	72.975046	1.138854	0.830454	0.193458
	2.5	0.030306	0.000403	73.077366	1.130924	0.638599	0.144426
	2.5	0.011123	0.000336	49.514622	1.497192	1.022865	0.285871
	2.5	0.044396	0.000392	88.627269	1.002091	0.680353	0.209896
	2.5	0.023839	0.000214	67.978441	1.186188	0.761288	0.233376
	2.5	0.050631	0.000995	86.326325	1.027686	0.593744	0.119012