SVM	ALLPREDS						RF	ALLPREDS						
	first pred	10pred	2 preds	Which 2	fromselection	all		firstpred	6pred	2 preds	Which 2	fromselection	all	2pred_MDA
Potential as a habitat for drought-tolerant species	0.65	0.61	0.58	TRI_hr_ws25 AND geom_10m_fl4_L37	0.5	0.556		0.68	0.61	0.52	geom_10m_fl4_L80 AND profc_ws7_hr_hr	0.51	0.63	0.66
Potential as a habitat for moisture-tolerant species	0.62	0.64	0.49	geom_10m_fl8_L12 AND Longitudinal_Curvature_hr	0.45	0.6		0.71	0.7	0.47	geom_dtm_10m_hyd_fl5_L6 AND vectorruggedness_hr_ws19	0.5	0.56	0.5
Habitat for soil organisms	0.51	0.39	0.44	Channel_Network_Base_Level AND Convexity_50m	0.31	0.48		0.46	0.37	0.43	TRI_hr_ws14 AND Norma	0.31	0.38	0.53
Habitat for crops	0.18	0.18	0.15	slope_ws3_hr_hr AND slope_ws15_10m	0.13	0.2		0.18	0.23	0.12	geom_10m_fl10_L5 AND slope_ws3_hr_hr	0.13	0.17	0.16
Average precipitation retention capacity	0.57	0.64	0.52	slope_ws15 AND GeneralCurvature_10m	0.52	0.59		0.67	0.69	0.55	geom_10m_fl4_L3 AND T	0.63	0.62	0.56
Minimum precipitation retention capacity	0.81	0.69	0.59	geom_hr_L50m_fl10_rplipdominance_UE_hr_40cells_hr AND vectorruggedness_hr_ws23	0.67	0.83		0.74	0.73	0.58	eom_hr_L3_fl10_rpliprichness_UE_hr_60cells_hr AND maxic_ws13_hr_hr	0.58	0.72	0.72
Retention capacity for heavy precipitation events	0.306	0.305	0.26	crosc_ws7_10m AND maxic_ws11_10m	0.26	0.31		0.33	0.3	0.29	geom_10m_fl8_L16 AND	0.26	0.29	0.37
groundwater reformation rate	0.64	0.66	0.57	crosc_ws13_hr_hr AND crosc_ws3_10m"	0.57	0.58		0.7	0.64	0.52	geom_10m_fl8_L5 AND g	0.54	0.61	0.62
Potential for providing nutrients for plants	0.33	0.21	0.28	minic_ws9_hr_hr AND Vertical_Distance_to_Channel_Network_50m	0.18	0.43		0.26	0.33	0.29	SGU AND geom_10m_fl10_L3	0.22	0.29	0.29
Potential as a CO2 sink	0.33	0.3	0.31	Channel_Network_Base_Level_hr AND crosc_ws11_hr_hr	0.26	0.43		0.54	0.39	0.32	slope_ws19_hr_hr AND fischerk_ws19_hr	0.26	0.32	0.33
Potential for retention of heavy metals	0.42	0.37	0.31	vectorruggedness_hr_ws47 AND dtm_hr_CONVEX_r30	0.3	0.37		0.44	0.39	0.31	SGU AND vectorruggedne	0.28	0.32	0.45
Potential for transforming organic contaminants	0.53	0.52	0.48	Channel_Network_Base_Level_hr AND crosc_ws13_hr_hr	0.44	0.57		0.6	0.64	0.49	geom_10m_fl10_L21 AN	0.45	0.55	0.56
Potential as filter and buffer for organic contaminants	0.04	0.04	0.04	PlanCurvature_10m AND planc_ws11_hr_hr	0.04	0.04		0.08	0.04	0.02	Slope_Height_50m AND geom_10m_fl2_L15	0.03	0.04	0.03
Potential for retention of water-soluble contaminants	0.59	0.57	0.47	TRI_hr_ws29 AND fischerk_ws55_hr	0.44	0.55		0.58	0.56	0.43	geom_10m_fl8_L5 AND Relative_Slope_Position_50m	0.48	0.51	0.52
Potential as buffer for acidic contaminants	0.61	0.57	0.56	Standardized_Height_50m AND geom_hr_L3_fl10_rplipedgedensity_UE_hr_10cells_hr	0.53	0.66		0.68	0.6	0.57	geom_dtm_10m_hyd_fl5_L110 AND Catchment_area_50m	0.59	0.39	0.62

	LOCALTERRAIN														
	first pred	10pred	2 preds	Which 2	fromselection			first pred	10pred	2 preds	Which 2	fromselection	fromall	local	
Potential as a habitat for drought-tolerant species	0.65	0.68	0.5	slope_DTM_50m_avg_ws9_50m AND planc_ws19_hr_hr	0.63			0.7	0.69	0.57	Slope_50m AND CrossSectionalCurvature_hr	0.61	0.65		
Potential as a habitat for moisture-tolerant species	0.67	0.56	0.56	crosc_ws5_10m AND CrossSectionalCurvature_hr	0.57			0.77	0.58	0.48	Slope_50m AND GeneralCurvature_10m	0.44	0.51		
Habitat for soil organisms	0.64	0.53	0.47	slope_DTM_50m_avg_ws9_50m AND crosc_ws3_hr_hr	0.5			0.68	0.57	0.54	minic_ws9_hr_hr AND slope_ws19_hr_hr	0.44	0.43		
Habitat for crops	0.18	0.24	0.18	slope_ws3_hr_hr AND planc_ws29_hr_hr	0.19			0.26	0.21	0.13	slope_ws5_hr_hr AND crosc_ws13_hr_hr	0.13	0.18		
Average precipitation retention capacity	0.61	0.61	0.52	slope_DTM_50m_avg_ws5_50m AND Flow_Line_Curvature_50m	0.54			0.75	0.59	0.61	crosc_ws23_hr_hr AND planc_ws5_10m	0.57	0.65		
Minimum precipitation retention capacity	0.76	0.77	0.7	crosc_ws11_10m AND minic_ws15_hr_hr	0.73			0.81	0.7	0.61	profc_ws7_10m AND crosc_ws7_hr_hr	0.5	0.6		
Retention capacity for heavy precipitation events	0.33	0.28	0.27	crosc_ws7_10m AND maxic_ws11_10m	0.29			0.47	0.3	0.22	Minimal_Curvature_50m AND Longitudinal_Curvature_hr	0.25	0.31		
groundwater reformation rate	0.66	0.65	0.54	minic_ws15_10m AND maxic_ws7_hr_hr	0.63			0.78	0.7	0.6	slope_ws15_hr_hr AND pl	0.58	0.62		
Potential for providing nutrients for plants	0.35	0.34	0.34	minic_ws15_hr_hr AND crosc_ws3_hr_hr	0.29			0.59	0.29	0.28	minic_ws5_hr_hr AND longc_DTM_50m_avg_ws5_50m	0.25	0.31		
Potential as a CO2 sink	0.5	0.37	0.33	minic_ws11_hr_hr AND maxic_ws3_10m	0.31			0.52	0.35	0.38	slope_ws19_hr_hr AND PlanCurvature_10m	0.32	0.36		
Potential for retention of heavy metals	0.43	0.37	0.38	crosc_ws13_hr_hr AND slope_ws19_hr_hr	0.34			0.64	0.39	0.38	slope_ws15_10m AND minic_ws7_10m	0.32	0.37		
Potential for transforming organic contaminants	0.68	0.66	0.56	slope_ws7_10m AND crosc_ws15_10m	0.58			0.65	0.6	0.57	crosc_ws19_hr_hr AND Minimal_Curvature_hr	0.55	0.59		
Potential as filter and buffer for organic contaminants	0.04	0.04	0.04	PlanCurvature_10m AND planc_ws11_hr_hr	0.04			0.06	0.04	0.57	Convexity_10m AND planc_ws5_10m	0.04	0.04		
Potential for retention of water-soluble contaminants	0.59	0.51	0.47	minic_ws11_10m AND slope_ws5_hr_hr	0.45			0.8	0.54	0.5	Minimal_Curvature_hr AND crosc_ws3_10m	0.5	0.5		
Potential as buffer for acidic contaminants	0.63	0.67	0.59	planc_ws11_10m AND slope_DTM_50m_avg_ws11_50m	0.54			0.76	0.65	0.63	crosc_ws29_hr_hr AND FlowLineCurvature_10m	0.55	0.57		

RF
nr of preds

2-3

just one pred!

good increase with second parameter

gets better with more and more parameter

2preds

better up to 4 preds

2preds

3preds

2-3

3preds

slow increase till the end (6)

3preds

3preds but not significan

sinnlos weil alle 4 von der wzeiten gruppe falsch

3pred, steep

2preds