



Modeling with PCRaster-Modflow [www.pcraster.geo.uu.nl] freeware on Python platform for use in Windows & Linux. PCRMF is a coupled system of PCRaster and Modflow2000 developed by Oliver Schmitz

Objectives

- vegetation structure of bog-mires;





landunits.ma river lake pond hollov ridge bog forest

PCRaster map:





PCRaster map for Steady State Model: <u>recharge.map</u>

Recharge by Land Unit Type average 2008-2016 md⁻¹



Digital Elevation Model: [m+MSL] dem.map







	elevation								
	m.		river	lake	pond	hollow	ridge	ryam	fo
top A =	DEM + 0.5	kh A	10 ⁵	10 ⁵	105	10 ⁵	10 ³	5.10 ²	
top B =	DEM	kh B	5.10 ³	10 ⁵	10 ⁵	10 ³	5.10 ²	2.10 ²	
top C =	DEM - 0.3	kh C	5.10 ³	105	10 ³	10 ²	10 ²	102	
top D =	DEM - 1.0	kh D	5.10 ³	5.10^{4}	2	2	2	2	
top E =	DEM -3.5	kh E	20	20	20	20	20	20	
Bottom E	MSL	kv A	10 ⁵	105	105	10 ⁵	10 ³	500	
		kv B	5.10 ³	105	105	5.10 ²	25.10 ¹	10 ²	
		kv C	5.10 ³	10 ⁵	10 ³	50	50	50	
		kv D	5.10 ³	5.10 ⁴	1	1	1	1	
		kv E	2.10 ¹	2.10^{1}	2.10^{1}	2.10^{1}	2.10^{1}	2.10^{1}	



