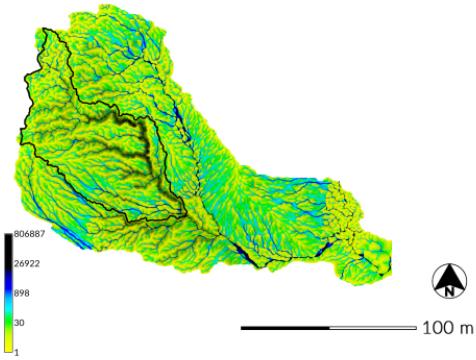
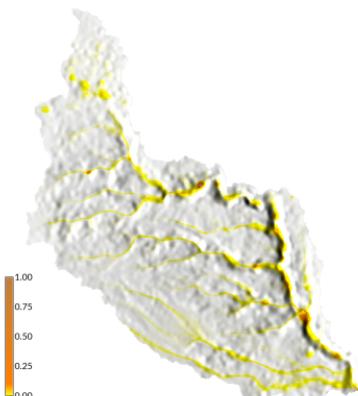


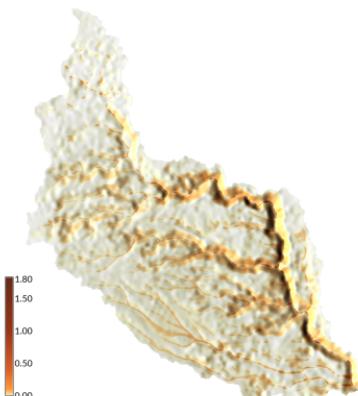
a. Water depth [m] simulated by SIMWE in subwatershed



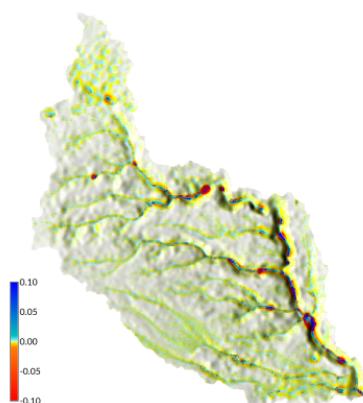
d. Flow accumulation for RUSLE3D in subwatershed



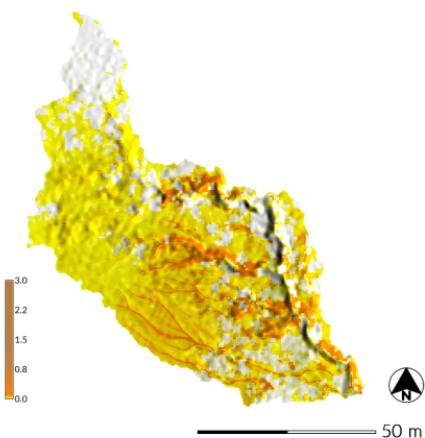
b. Sediment flux [$\text{kg m}^{-2} \text{ s}^{-1}$] simulated by SIMWE in drainage area 1



e. LS3D topographic factor for RUSLE3D in drainage area 1



c. Erosion and deposition [$\text{kg m}^{-2} \text{ s}^{-1}$] simulated by SIMWE in drainage area 1



f. Sediment flow with spatially variable landcover modeled by RUSLE3D [$\text{kg m}^{-2} \text{ s}^{-1}$] in drainage area 1