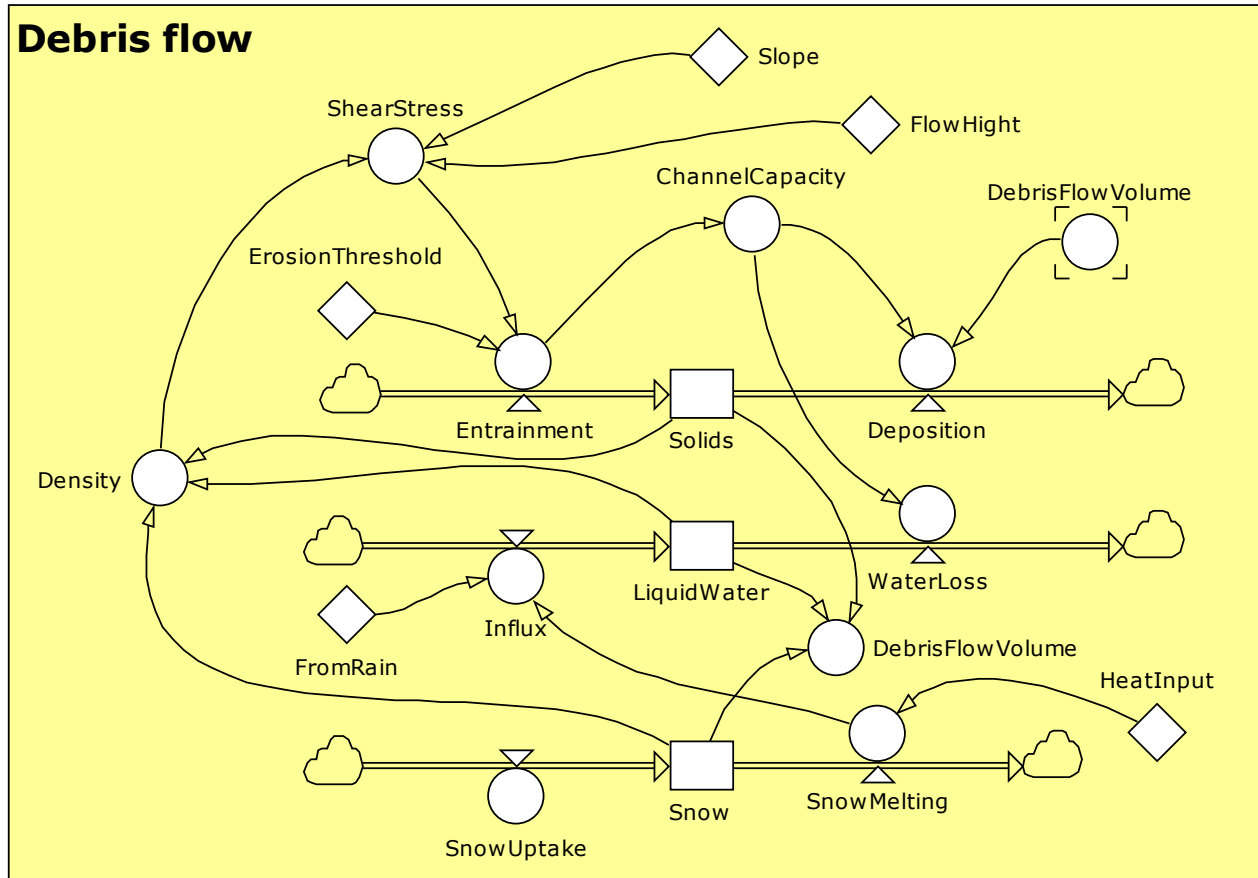


Debris flow entrainment model

The model is based on the work of Frank et al. (2015). Snow is added as an additional element as it contributes to the complex system behaviour.

The status of the system model is still conceptual. Most of the equations have not yet been implemented.



Frank, F., Mcardell, B. W., Huggel, C., Vieli, A. (2015): The importance of entrainment and bulking on debris flow runout modeling: examples from the Swiss Alps. *Natural Hazards and Earth System Sciences*, 15(11), 2569-2583.