

Interactive comment on “Representation of water abstraction from a karst conduit with numerical discrete-continuum models” by T. Reimann et al.

Y. Cabeza

yoar.c.d@gmail.com

Received and published: 3 June 2013

Authors propose the fixed head limited flow (FHLQ) boundary condition to limit inflow for constant head boundaries, an interesting approach when pumping is simulated. I agree that a change in the boundary condition when head drops below the spring elevation is needed. However, why you prescribe the spring inflow and not just change the boundary condition to a Neumann type (no flow boundary)? In applying this prescribed inflow, head near the spring is forced in an artificial way.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 4463, 2013.