

Titre et résumé : "The terrestrial water cycle is often assessed annually at catchment scale. But water stored in catchments is poorly mixed, and at timescales often well beyond the calculation of annual water balance. Here I explore the characteristic water ages of water draining the critical zone that point to compartmentalization--and the need to understand the connections and disconnections between different water stores in catchments. This talk tries to summarize some of the transit time work me and my students have done over the years and what is captured in a Nature-Geosci commentary from 2017:

<https://www.usask.ca/watershed/documents/pdfs/2017/1714%20ongeo2964.pdf>