

Leopold, M., Volkel, J., Huber, J., and Dethier, D., 2013. Subsurface architecture of the Boulder Creek Critical Zone Observatory from electrical resistivity tomography. *Earth Surface Processes and Landforms*, 38, 1417-1431.

Martin, Y.E., and E.A. Johnson. 2017. Towards a strategy for Critical Zone science in Canada. *Canadian Geographer* 61: 117-123

McClymont, A.F., Roy, J.W., Hayashi, M., Bentley, L., Maurer, H., and Langston, G., 2011. Investigating groundwater flow paths within proglacial moraine using multiple geophysical methods. *Journal of Hydrology*, 399(1), 57-69.

National Research Council (NRC) 2001. *Basic Research Opportunities in Earth Science*. The National Academies Press: Washington, DC.

Parsekian, A.D., Singha, K., Minsely, B.J., Holbrook, W.S., and Slater, L., 2014. Multiscale geophysical imaging of the critical zone. *Reviews of Geophysics*, 53, 1-26.

Riebe, C.S., Hahm, W.J., and Brantley, S.L., 2017. Controls on deep critical zone architecture: a historical review and four testable hypotheses. *Earth Surface Processes and Landforms*, 42, 128-156.

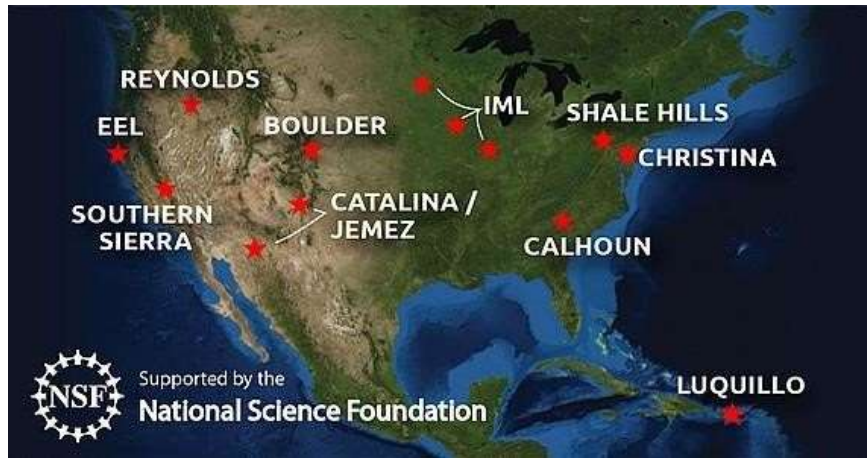


Figure 1. Critical Zone Observatories across the United States (from criticalzone.org).



Figure 2. Planned Critical Zone Observatories for Canada as a component of the planned pan-Canadian EON-ROSE research initiative.