

***Interactive comment on “Synchrotron  
microtomographic quantification of geometrical  
soil pore characteristics affected by compaction”  
by R. P. Udawatta et al.***

**Anonymous Referee #1**

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Reviewer #2 brings up a salient point in that a comparison with measured data is ultimately needed. However, there are some likely multiple steps between where the work is presently and the ultimate goal.

The paper as presented provides a "snapshot" or "snapscan" of the situation within the core at a point in time. This is in itself meritorious for publishing at this juncture. The passage of a liquid through the media would very likely alter the pore network. Simple validation would likely not be the next phase of this work. Instead, documenting changes occurring at a point in a soil core as a function of repeated treatments with a liquid would be the most likely next step in my view.

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The paper might benefit with some elaboration of next steps anticipated by the authors.

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Interactive comment on SOIL Discuss., 2, 825, 2015.