



SoilTrEC Workshop
Designing an International Observatory Network to
Earthcast the Critical Zone
Room No: 121 to 128
John M. Clayton Hall, University of Delaware



Steve Banwart, Sue Brantley, Jon Choreover, Jerome Gaillardet, Fred Scatena, Don Sparks, Nik Nikolaidis, Vala Ragnarsdottir, Tim White

This workshop will draw together critical zone researchers from around the world to:

- 1) provide an update on existing and new Critical Zone Observatories and research projects, and
- 2) explore the potential of international networks of CZOs to tackle new research challenges.

Day 1 – Tuesday 8th November 2011

08:30	Welcome and Introduction	Steve Banwart / Jon Choreover
09:00	Introduction to sites and projects	All
10:30	Coffee	
11:00	The CZEN “map” of international sites	Sue Brantley
	Breakout groups – 6 research challenges for CZOs	Discussion leader and group for each challenge
12:30	Lunch	Clayton 101 A
13:30	Breakout Groups	6 Discussion leaders and groups
	<ul style="list-style-type: none">• Short time-scale research questions• Long time-scale research questions• Links across scales• Hypotheses that can be tested with existing or expanded networks	
15:00	Coffee	
15:30	Groups report back	
17:00	Finish	



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Day 2 – Wednesday 9th November 2011

08:30	Break out groups	
	<ul style="list-style-type: none">• What would the network need to look like to test these hypotheses?	
10:00	Coffee	
10:30	Reconvene – groups report back	
12:00	Lunch	Clayton 101 A
13:00	Christina River CZO visit	
17:00	CZO visit end	
20:00	Workshop synthesis	Workshop organisers

Day 3 – Thursday 10th November 2011

8.30	Christina River CZO visit
15:00	Finish

Advance Preparation:

- Participant and sites profiles
- Summary info: NSF, SoilTrEC, FRECZ programmes
- CZEN network “map” with new sites
- Discussion group leaders and members
- 1 slide presentations sent ahead of time
 - site summary
 - science question to be addressed; e.g.
 - How does antecedant regolith development poise modern regolith processes and soil functions?
- Clustering of participant science questions into 6 themes for breakout group discussions.