# CZO Metadata Worksheet

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| Data File Name | TreeFall\_SSHCZO\_complete.xls  |
| Date Prepared | 4/02/2015 |
| Descriptive Title | Shale Hills CZO Tree Fall Data 2014 |
| Update Frequency | Sporadic |
| Abstract | 467 tree falls were surveyed and measured in Spring 2014 in the Shale Hills catchment of the Susquehanna Shale Hills CZO. Measurements include location, size, orientation, and age of the fallen tree and its associated root ball pit. |
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| Data Value Descriptions | * COL1: label=Tree Number
* COL2: label=Region
* COL3: label=Tree Type
* COL4: label=Latitude Degrees
* COL5: label=Latitude Minutes
* COL6: label=Longitude Degrees
* COL7: label=Longitude Minutes
* COL8: label=Tree Azimuth, Units=degrees
* COL9: label=Tree Girth 1.5m from Base, Units=cm
* COL10: label=Relative Age, Units=years
* COL11: label=Long Axis, Units=cm
* COL12: label=Short Axis, Units=cm
* COL13: label=#1= Depth along Long Axis
* COL14: label=#2= Depth along Long Axis
* COL15: label=#3= Depth along Long Axis
* COL16: label=#4= Depth along Long Axis
* COL17: label=#5= Depth along Long Axis
* COL18: label=#1= Depth along Short Axis
* COL19: label=#2= Depth along Short Axis
* COL20: label=#3= Depth along Short Axis
* COL21: label=Horizontal Distance Pit Center to Rootwad, Units=cm
* COL22: label=Inclination Upslope
* COL23: label=Orientation Upslope
* COL24: label=Inclination Downslope
* COL25: label=Orientation Downslope
* COL26: label=Notes
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| Keywords | Tree fall, root ball, pit, erosion |
| Methods | * Inclination= Suunto Clinometer
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| Citation | The following acknowledgment should accompany any publication or citation of these data: Logistical support and/or data were provided by the NSF-supported Shale Hills Susquehanna Critical Zone Observatory. |
| Publications | None |
| Data Use Notes | The user of Shale Hills Susquehanna CZO data agrees to provide proper acknowledgment with each usage of the data. Citation of the name(s) of the investigator(s) responsible for the data set, in addition to the generic statement above, constitutes proper acknowledgment. Author(s) (including Shale Hills Susquehanna CZO investigators) of published material that makes use of previously unpublished Shale Hills Susquehanna CZO data agree to provide the Shale Hills Susquehanna CZO data manager with four (4) copies (preferably reprints) of that material for binding as soon as it becomes available. The user of Shale Hills Susquehanna CZO data agrees not to resell or redistribute shared data. The user of these data should be aware that, while efforts have been taken to ensure that these data are of the highest quality, there is no guarantee of perfection for the data contained herein and the possibility of errors exists. These data are defined as either public or private, such that a password may be required for access. |