# CZO Metadata Worksheet – Sample/*Instructions*

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| Data File Name | **Garner Run RAW Seismic Data (.dat)** |
| Date Prepared | 20190411 |
| Descriptive Title | Seismic survey data |
| Update Frequency | Campaign |
| Abstract | A roll-along cross section seismic survey conducted on 23, 24 June 2016. The process included 3 sections or lines to make one continuous survey across the Garner Run Valley in Rothrock State Forest.  Further information can be viewed in the SSHCZO\_RollAlong\_Metadata.xlsx file in the downloaded zip folder. |
| Investigator  Contact Info | *Jorden Hayes, Assistant Professor of Earth Scienes, (717)254-8303, hayesjo@dickinson.edu* |
| Data Value Descriptions | * .dat files are raw seismic data |
| Keywords | *Seismic survey, seismic refraction* |
| Methods | Seismic refraction surveys consisted of 24 channel Geometrics Geode system and 14 Hz vertical component geophones. Seismic source was by using a sledgehammer striking a steel plate every 8 m. |
| Sites | *Location(s) of equipment:*   * Garner Run |
| Publications |  |
| Citation | The following acknowledgment should accompany any publication or citation of these data:  Financial Support was provided by National Science Foundation Grant EAR – 0725019 (C. Duffy), EAR – 1239285 (S. Brantley), and EAR – 1331726 (S. Brantley) for the Susquehanna Shale Hills Critical Zone Observatory.  Logistical support and/or data were provided by the NSF-supported Susquehanna Shale Hills Critical Zone Observatory.  For EAR 07-25019 to C.J. Duffy, award dates were 11/1/07 - 10/31/13  For EAR 12-39285 to S.L. Brantley, award dates were 9/1/12 - 8/31/14  For EAR 13-31726 to S.L. Brantley, award dates are 10/1/13 -  9/30/19  **Acknowledgement for research in Garner Run:**  This research was conducted in Rothrock State Forest which is funded and managed by the Pennsylvania Department of Conservation and Natural Resources, Bureau of Forestry. |
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