



Community Data Workshop 2021:

Jump-start and build your environmental data management and sharing
for DOE ESS-funded projects

Agenda

May 24 - 25, 2021 (All times listed in PDT)

Monday, May 24, 2021	
<p>09:00 AM- 11:00 AM <i>(All times listed in PDT)</i></p>	<p>Opening Session: Welcome, introductions, logistics (<i>Joan Damerow</i>) BER ESS project data management and review (<i>Justin Hnilo</i>) ESS-DIVE Demo video (<i>Emily Robles</i>) ESS-DIVE Features overview and future directions (<i>Charu Varadharajan</i>) Data management plan - what to expect from ESS-DIVE (<i>Deb Agarwal</i>) ESS-DIVE data reporting formats and standards (<i>Rob Crystal-Ornelas</i>) Q&A (<i>Deb and Charu</i>)</p> <p>Community Project Data Presentations: Watershed Function SFA Field-Data Workflow (<i>Zarine Kakalie, LBNL</i>), Biogeochemistry of Actinides (<i>Nancy Merino, LLNL</i>), SPRUCE Whole Ecosystem Warming Experiment (<i>Les Hook, ORNL</i>), NEON Hyperspectral Ground Campaign (<i>Katie Grant, Stanford/USC</i>), Worldwide Hydrobiogeochemical Observation Network for Dynamic River Systems (<i>WHONDRS; Amy Goldman, PNNL</i>)</p>
<p>11:00 AM- 12:00 PM</p>	<p>Break and Data Help: Office Hour</p>
<p>12:00 PM- 02:00 PM</p>	<p>Breakout Sessions on Data Management and Publication Challenges and Needs (Choose a session)*</p> <ul style="list-style-type: none"> - National Lab Projects - University Projects <p>To start the breakout session, attendees will present a one-min/one-slide summary of project data and data management approach. This can include challenges moving data to ESS-DIVE, and any barriers encountered. The remainder of the session will be dedicated to discussion of your data management and publication challenges and needs.</p>

*Attendees to choose their own breakout sessions in zoom.



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Tuesday, May 25, 2021	
09:00 AM-09:30 AM <i>(All times listed in PDT)</i>	Ready to publish your data package? A discussion on what to include in a data package. <i>(Zarine Kakalia)</i> Bring your use cases and get feedback on what to include and what repositories to publish different data.
9:30 AM-11:00 AM	Hands-on Tutorial for How to Use ESS-DIVE (Choose a tutorial)* <ul style="list-style-type: none"> - ESS-DIVE for Beginners: Data Submission, Search and Download using the Web User-Interface <i>(geared towards new users or those who have not uploaded data to ESS-DIVE)</i> - ESS-DIVE for Advanced Users: Uploading Data to ESS-DIVE Programmatically, Portals Tutorial <i>(geared towards those who have uploaded data previously, and/or need to upload a large amount of data from a project)</i>
11:00 AM-12:00 PM	Break and Data Help: Office Hour
12:00 PM-01:00 PM	ESS Data Types (Choose a session)* <ul style="list-style-type: none"> - Large data and model data archiving - Sensor data and QA/QC - Sample tracking and analysis workflows, linking related sample data
01:00 PM-02:00 PM	How to Use ESS-DIVE Reporting Formats: ESS-DIVE reporting format tutorial <i>(Rob Crystal-Ornelas)</i> File-level and csv <i>(Terri Velliquette)</i> Breakout Tutorials (Choose one or more tutorials)* <ul style="list-style-type: none"> - Model data <i>(Madison Burrus)</i> - Sample identifiers and metadata <i>(Joan Damerow)</i> - Water quality/soil samples <i>(Kristin Boye)</i> - Leaf-gas exchange <i>(Kim Ely)</i> - Continuous soil respiration <i>(Ben Bond-Lamberty)</i> - 16s amplicon sequencing <i>(Pamela Weisenhorn)</i> - Hydrologic monitoring <i>(Amy Goldman)</i>

**Attendees to choose their own breakout sessions in zoom.*