

DEEDS

A Platform for Fully Integrating Data, Computations, and Scientific Workflows

CIF21 DIBBs: EI: Digital Environment for Enabling Data-driven Science (DEEDS)

PI: Ann Christine Catlin | **co-PIs:** Ashraful Alam, Joseph Francisco, Marisol Sepulveda, Connie Weaver

Award #1724728 | Award Period August 2017 – July 2021



National Science Foundation
WHERE DISCOVERIES BEGIN

Chandima Hewa Nadungodage

Gateways 2018

09-26-2018

Why Another Platform ???

Existing platforms

- Either supports data preservation/sharing or provides computing services
- Discipline specific and customized
- Lack of end-to-end support for the entire research investigation

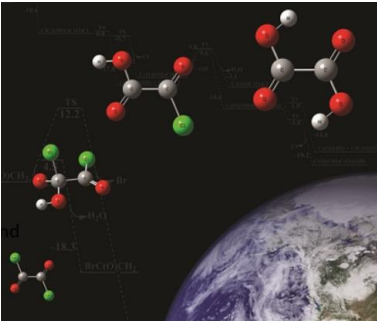
There is an emerging need for platforms that fully integrate data, computing, preservation, and sharing.

What DEEDS Offers

- Supports end-to-end research investigation
- Self-serve, cross-domain platform
- Fully integrate data with computations and workflows
- Systematic preservation and sharing
- Ease of discoverability and reuse
- Traceability and reproducibility

DEEDS USE CASES

Chemistry



Optimization of molecular structure and determination of properties

Joe Francisco - University of Pennsylvania

Environmental Science



Development of amphibian toxicity reference values for ecological risk assessment

Marisol Sepúlveda - Purdue University

Nutrition Science



Effect of berries on net calcium retention & biochemical markers of polyphenol and bone metabolism

Connie Weaver - Purdue University

Electrical Engineering



Performance modeling of solar PV systems to determine efficiency degradation and predict system lifetime

Ashraf Alam - Purdue University

DEEDS DASHBOARD

The Berries & Bone Dataset

Explore

Cases Files Data Tools Analytics

Case Information

Data Groups Locations Timeline Upload Cases

Show 10 entries

Showing 1 to 10 of 71 entries

Users **organize datasets by “cases”** (experiments, subjects, specimens, sites, study units, research activities) to clarify how their investigation is conducted.

This **interpretive framework** makes experimental design and dataset content easier for researchers to understand and use since Files & Data are connected to the activities that produced them.

ID	Case Name	Start Date	End Date	Latitude	Longitude	Compiled By	Select	Actions
1570	Participant	01/12/2017	08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
1571	Participant	02/28/2017	08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
1572	Participant	04/14/2017	08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	

Search Start Search End Search Latitude Search Longitude Search Compiled By

DEEDS DASHBOARD

The Berries & Bone Dataset

Cases Files Data Tools Analytics Explore

Case Information

Data Groups Locations Timeline Upload Cases

Show 10 entries

ID Case Name Case ID

ID	Case Name	Case ID
1570	Participant_101	101
1571	Participant_102	102
1572	Participant_105	105

Showing 1 to 10 of 71 entries

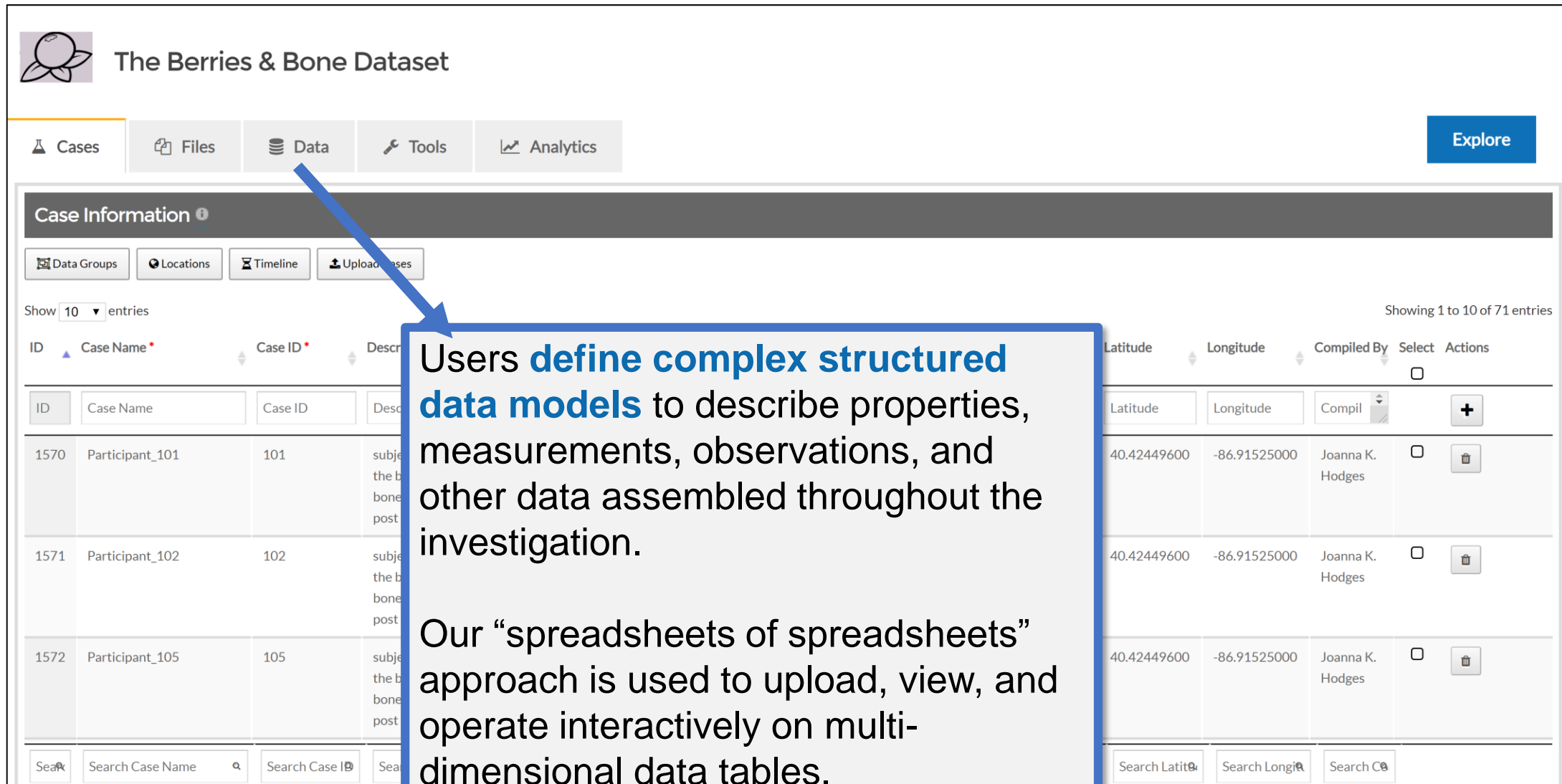
End Date	Latitude	Longitude	Compiled By	Select	Actions
mm/dd/yyyy	Latitude	Longitude	Compil	<input type="checkbox"/>	+
08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
08/31/2019	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	

Search End Date Search Latitude Search Longitude Search Compiled By

Users **upload, annotate & classify files** such as reports, figures, photos, device data, input, output, and any other files produced throughout the investigation.

Interactive interfaces let users explore file collections, which are organized into mime-based categories for ease of use and discovery.

DEEDS DASHBOARD



The Berries & Bone Dataset

Cases Files **Data** Tools Analytics Explore

Case Information ⓘ

Data Groups Locations Timeline Uploads

Show 10 entries

Showing 1 to 10 of 71 entries

ID Case Name Case ID Description Latitude Longitude Compiled By Select Actions

ID	Case Name	Case ID	Description	Latitude	Longitude	Compiled By	Select	Actions
1570	Participant_101	101	subject the berries bone post	Latitude	Longitude	Compil	<input type="checkbox"/>	+
1571	Participant_102	102	subject the berries bone post	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	🗑️
1572	Participant_105	105	subject the berries bone post	40.42449600	-86.91525000	Joanna K. Hodges	<input type="checkbox"/>	🗑️

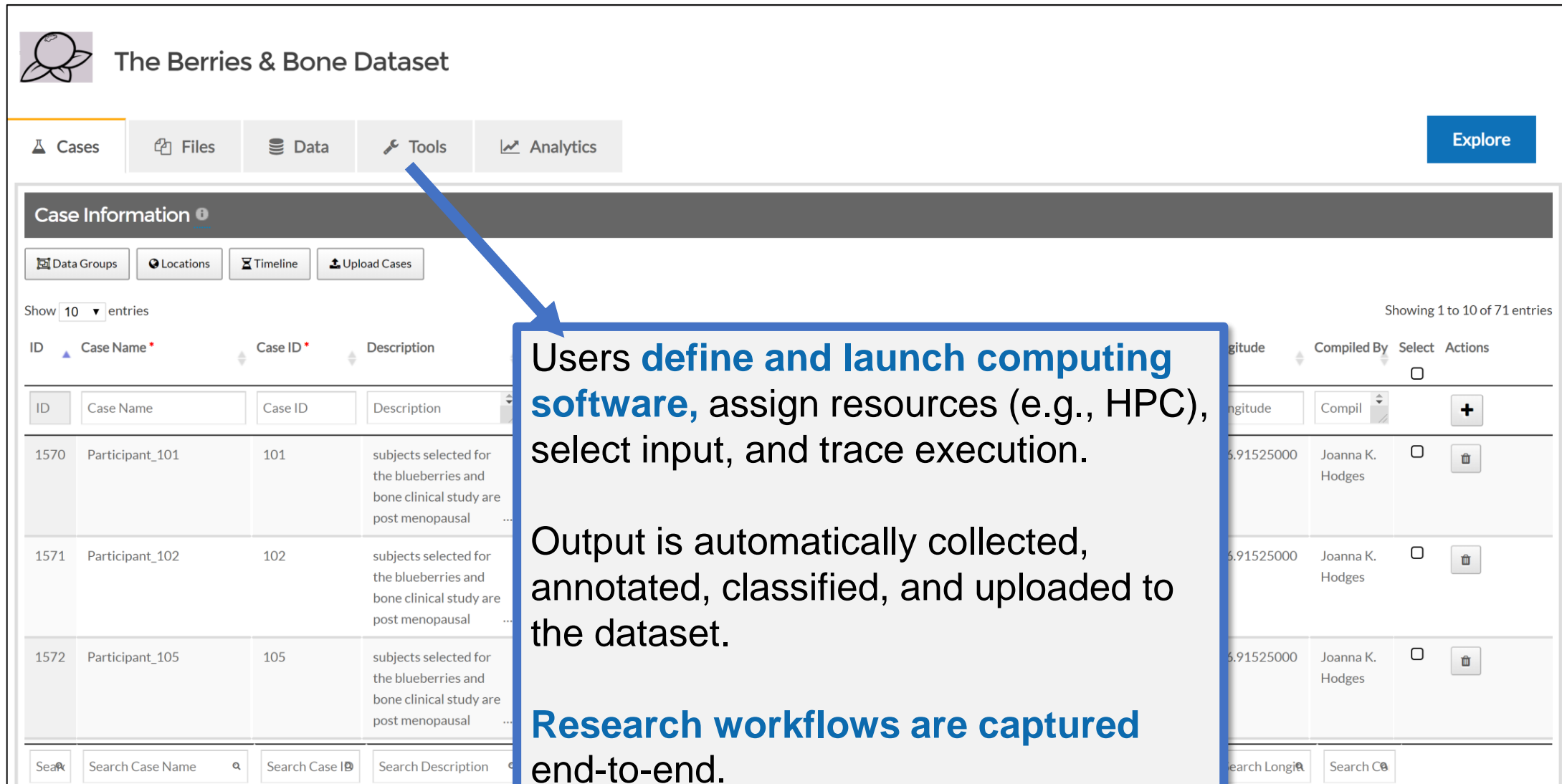
Search Case Name Search Case ID Search Case ID

Search Latitude Search Longitude Search Case

Users **define complex structured data models** to describe properties, measurements, observations, and other data assembled throughout the investigation.

Our “spreadsheets of spreadsheets” approach is used to upload, view, and operate interactively on multi-dimensional data tables.

DEEDS DASHBOARD



The Berries & Bone Dataset

Explore

Cases Files Data **Tools** Analytics

Case Information ⓘ

Data Groups Locations Timeline Upload Cases

Show 10 entries

ID Case Name Case ID Description

ID	Case Name	Case ID	Description
1570	Participant_101	101	subjects selected for the blueberries and bone clinical study are post menopausal
1571	Participant_102	102	subjects selected for the blueberries and bone clinical study are post menopausal
1572	Participant_105	105	subjects selected for the blueberries and bone clinical study are post menopausal

Showing 1 to 10 of 71 entries

Showing 1 to 10 of 71 entries

Longitude Compiled By Select Actions

Longitude	Compiled By	Select	Actions
6.91525000	Joanna K. Hodges	<input type="checkbox"/>	<input type="button" value="+"/>
6.91525000	Joanna K. Hodges	<input type="checkbox"/>	<input type="button" value="X"/>
6.91525000	Joanna K. Hodges	<input type="checkbox"/>	<input type="button" value="X"/>

Search Case Name Search Case ID Search Description

Search Longitude Search Case ID

Users define and launch computing software, assign resources (e.g., HPC), select input, and trace execution.

Output is automatically collected, annotated, classified, and uploaded to the dataset.

Research workflows are captured end-to-end.

DEEDS DASHBOARD

The Berries & Bone Dataset

Cases Files Data Tools **Analytics** Explore

Case Information ⓘ

Data Groups Locations Timeline Upload Cases

Show 10 entries

ID	Case Name	Case ID	Description	Data Group	Key
1570	Participant_101	101	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries and bone clinical study are post menopausal ...
1571	Participant_102	102	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries and bone clinical study are post menopausal ...
1572	Participant_105	105	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries and bone clinical study are post menopausal ...

Showing 1 to 10 of 71 entries


By	Select	Actions
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Search Case Name Search Case ID Search Description Search Data

Users can **carry out statistical analysis** on the data spreadsheets or output files generated by tool execution. (e.g:- slice and dice data, generate customized reports, charts, linear regression, user written scripts, etc.)

Analytics section is still under construction.

DEEDS DASHBOARD

The Berries & Bone Dataset

CasesFilesDataToolsAnalytics

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Case Information

Data GroupsLocationsTimelineUpload Cases

Showing 1 to 10 of 71 entries

ID	Case Name	Case ID	Description	Data Group	Keywords	Source	Created By	Select	Actions			
1570	Participant_101	101	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, ...	The Weaver Laboratory	04/14/2017	08/31/2019	40.42449600 -86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
1571	Participant_102	102	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, ...	The Weaver Laboratory	04/14/2017	08/31/2019	40.42449600 -86.91525000	Joanna K. Hodges	<input type="checkbox"/>	
1572	Participant_105	105	subjects selected for the blueberries and bone clinical study are post menopausal ...	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, ...	The Weaver Laboratory	04/14/2017	08/31/2019	40.42449600 -86.91525000	Joanna K. Hodges	<input type="checkbox"/>	

Search Case NameSearch Case IDSearch DescriptionSearch Data GroupSearch KeywordsSearch SourceSearch Start DateSearch End DateSearch LatitudeSearch LongitudeSearch Coordinates

Interactive interfaces **join heterogenous dataset content** so users can view, search, sort, filter, explore, download, compare, visualize, map the data in their dataset.

Research Computing Workflow

CASES



Solar PV Diagnosis: Real-time Monitoring of PV Systems using Suns-Vmp Method

Cases

Files

Data

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Case Information

Data Groups

Locations

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Upload Cases

Show 10 entries

Showing 1 to 2 of 2 entries

ID	Case Name *	Case ID *	Description	Keywords	Source	Start Date [mm/dd/yyyy]	End Date [mm/dd/yyyy]	Latitude	Longitude	Compiled By	Select	Actions
ID	Case Name	Case ID	Description	Keywords	Source	mm/dd/yyyy	mm/dd/yyyy	Latitude	Longitude	Compil		+
639	System #51	system-51	Solar farm in Golden Colorado, flat-plate photovoltaic (PV) modules deployed in a semi-arid climate. NREL ...	solar photovoltaic system, NREL, efficiency degradation, deconvolution of ...	The Alam Group	08/20/2017	12/31/2018	39.74160000	-105.23048400	Xingshu Sun, Tahir Patel, Reza ...	<input type="checkbox"/>	
640	System #50	system-50	Solar farm in Golden Colorado, flat-plate photovoltaic (PV) modules deployed in a semi-arid climate. NREL ...	solar photovoltaic system, NREL, efficiency degradation, deconvolution of ...	The Alam Group	05/10/2018	12/31/2019	39.74160000	-105.23048400	Tahir Patel, Reza Asadpour..	<input type="checkbox"/>	
Search	Search Case Name	Search Case ID	Search Description	Search Keywords	Search Source	Search Start Date	Search End Date	Search Latitude	Search Longitude	Search Compiled By		

Showing 1 to 2 of 2 entries

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1

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Research Computing Workflow



Solar PV Diagnosis: Real-time Monitoring of PV Systems using Suns-Vmp Method

FILES

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Explore

Manage Case Files > System #51 > system-51

Back

Show 50 entries

Showing 1 to 50 of 54 entries

File ID	File Name	File Category	Description	Date and Time	Classification	Workflow	Shared File	Uploaded By	Select	Actions
									<input type="checkbox"/>	<div><div></div><div></div></div>
1025	Ini_Para.mat	Data	PV panel technology (module parameters) for solar farms #50, #51, MATLAB format.	06/12/2018 10:11:56	input		No	Muhammed Tahir Patel	<input type="checkbox"/>	<div><div></div><div></div></div>
1026	Field_Data_232days.mat	Data	Field data for solar farms #51 and #50, 232 day simulation, MATLAB format.	06/12/2018 10:13:24	input		No	Muhammed Tahir Patel	<input type="checkbox"/>	<div><div></div><div></div></div>
1027	Field_Data_963days.mat	Data	Field data for solar farms #51 and #50, 963 day simulation, MATLAB format.	06/12/2018 10:18:03	input		No	Muhammed Tahir Patel	<input type="checkbox"/>	<div><div></div><div></div></div>
1028	Field_Data_7386days.mat	Data	Field data for solar farms #51 and #50, 7386 day simulation, MATLAB format.	06/12/2018 10:19:53	input		No	Muhammed Tahir Patel	<input type="checkbox"/>	<div><div></div><div></div></div>
1029	232days_deconvolution_20180601-192442.jpg	Figures	System #51 output file generated by pvsuns-vmp r7. Tool workflow session mdtahirpatel_20180601-192442	06/12/2018 10:22:09	output		No	Muhammed Tahir Patel	<input type="checkbox"/>	<div><div></div><div></div></div>

Search File

Search File Name



Search File

Search Description



Search Date


Search Classification

Search Workflow

Search Shared File

Search Uploaded By

Research Computing Workflow



Solar PV Diagnosis: Real-time Monitoring of PV Systems using Suns-Vmp Method

Cases

File

TOOLS

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Tool Definitions

New Tool Copy Tool Save Tool Import Tool

Show 10 entries

Search:

Tool Name	Tool Short Name	Version	Tool Description	Version Description	Date Tool Added	Developed By	Date Developed	Tool
Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method)	pvsuns-vmp	r0	The solar PV tool uses Suns-Vmp method to analyze the performance of a module based on solar module technology and field data.	Initial version of code	2018-01-17	Yingshu Sun	2017-08-06	Co
Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method)	pvsuns-vmp	r1	The solar PV tool uses Suns-Vmp method to analyze the performance of a module based on solar module technology and field data.		2018-01-17	Yingshu Sun	2017-09-25	Co
Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method)	pvsuns-vmp	r2	The solar PV tool uses Suns-Vmp method to analyze the performance of a module based on solar module technology and field data.	New Features: Code generates JPG format figures.	2018-01-17	Yingshu Sun	2017-09-25	Co
Alam Group Solar PV			The solar PV tool uses Suns-Vmp method to analyze the					

Tool Launch

Show 5 entries

Tool Name	Tool Short Name	Latest Version	Description	Versions	Launch
Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method)	pvsuns-vmp	r7	The solar PV tool uses Suns-Vmp method to analyze the performance of a module based on solar module technology and field data.	Versions	Launch

Search Tool Name

Search Tool Short Name

Search Latest Version

Search Description

Showing 1 to 1 of 1 entries

Go to Page 1

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Research Computing Workflow

Tool Launch

1. Tool

2. Input

3. Arguments

4. Output

5. Resources

6. Confirm

Select Input Files from uploaded files to the selected cases

Please select file for Field Data

Click here to Select File

Please select file for Initial Parameters

Click here to Select File

Files Explorer

Show 5 entries

<input type="checkbox"/>	File Name	Case ID	File Description	File Classification	File Date & Time
<input type="checkbox"/>	Field_Data_232days.mat	system-51	Field data for solar farms #51 and #50, 232 day simulation, MATLAB format	input	2018-06-12 10:13:24
<input type="checkbox"/>	Field_Data_7386days.mat	system-51	Field data for solar farms #51 and #50, 7386 day simulation, MATLAB format	input	2018-06-12 10:19:53
<input type="checkbox"/>	Field_Data_963days.mat	system-51	Field data for solar farms #51 and #50, 963 day simulation, MATLAB format	input	2018-06-12 10:18:03
<input type="checkbox"/>	Ini_Para.mat	system-51	PV panel technology (module parameters) for solar farms #50, #51	input	2018-06-12 10:11:56

mat

Search Case ID

Search File Description

Search File Classification

Search File Date & Time

Showing 11 to 14 of 14 entries (filtered from 30 total entries)

First Previous 1 2 3 Next Last

Research Computing Workflow

Workflow

Show entries

Search:

Session Id	Session Name	Status	Execution Trace	Tool	Version	Launched By	Launched Time	Input	Output	Execution Stats
104	mdtahirpatel_20180906-155822	Finished	View Execution Trace	pvsuns-vmp	r7	Muhammed Tahir Patel	20180906-155822	View Input	View Output	View Execution Sta
102	mdtahirpatel_20180906-002558	Finished	View Execution Trace	pvsuns-vmp	r7	Muhammed Tahir Patel	20180906-002558	View Input	View Output	View Execution Sta
88	sumudinie_20180903-020154	Aborted	View Execution Trace	pvsuns-vmp	r7	Sumudine Fernando	20180903-020154	View Input	View Output	View Execution Sta
85	sumudinie_20180902-211926	Aborted	View Execution Trace	pvsuns-vmp	r7	Sumudine Fernando	20180902-211926	View Input	View Output	View Execution Sta
82	acc_20180831-154733	Failed	View Execution Trace	pvsuns-vmp	r7	Ann Christine Catlin	20180831-154733	View Input	View Output	View Execution Sta
79	acc_20180830-224819	Aborted	View Execution Trace	pvsuns-vmp	r7	Ann Christine Catlin	20180830-224819	View Input	View Output	View Execution Sta
73	sumudinie_20180822-004648	Finished	View Execution Trace	pvsuns-vmp	r7	Sumudine Fernando	20180822-004648	View Input	View Output	View Execution Sta

Tool Launch Input

Show entries

First Previous 1 Next Last

Session Id	Input Name	Description	Input Type	Value
104	Input Name	Description	Input Type	Value
104	Save Prefix	Output file prefix	text	System50
104	Field Data	Field data	file	Field_Data_Sys_50_1994_98.mat
104	Initial Parameters	Initial parameters	file	Ini_Para_Sys_50.mat
104	NS	Number of solar cells in series in a module	int	14
104	NP	Number of panels in parallel	int	5
104	NumofDay	Window of days spanning total number of days	int	3
104	DalVar	Percent error in all the parameters	decimal	0.01

Show entries

Showing 1 to 7 of 7 entries

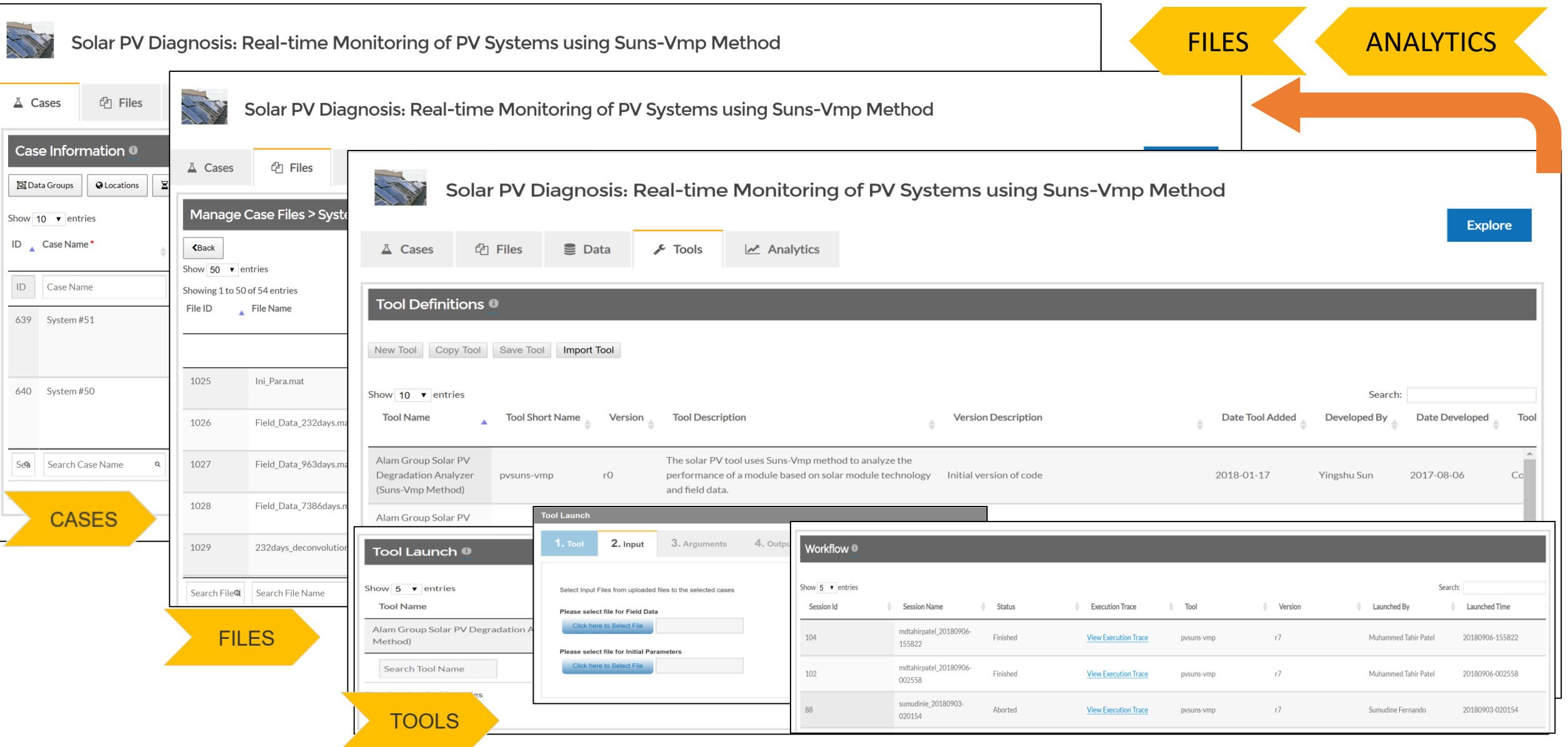
Tool Launch Output

Show entries

First Previous 1 Next Last

Session Id	Output File	File Size (kb)	Status
104	Output File	File Size (kb)	Status
104	System50_Input_Circuit_Parameter_20180906-155822.csv	154	Uploaded
104	System50_Results_20180906-155822.mat	2532847	Uploaded
104	System50_Output_Efficiency_20180906-155822.csv	5212	Uploaded
104	System50_temperature_coefficient_20180906-155822.jpg	50629	Uploaded
104	System50_Output_Circuit_Parameter_20180906-155822.csv	24483	Uploaded
104	System50_deconvolution_20180906-155822.jpg	62083	Uploaded
104	System50_efficiency_20180906-155822.jpg	45526	Uploaded
104	System50_Input_Field_Data_20180906-155822.csv	5034460	Uploaded
104	System50_circuit_parameter_20180906-155822.jpg	103355	Uploaded
104	System50_relative_error_20180906-155822.jpg	247436	Uploaded
104	submit.stdout	11306	Not Uploaded. [Will be removed on 2018-09-16]
104	submit.stderr	0	Not Uploaded. [Will be removed on 2018-09-16]
104	submit.log	0	Not Uploaded. [Will be removed on 2018-09-16]
104	submit.metrics	156	Not Uploaded. [Will be removed on 2018-09-16]
104	submit.progress	402	Not Uploaded. [Will be removed on 2018-09-16]
104	00007740.stdout	34892	Not Uploaded. [Will be removed on 2018-09-16]

Research Computing Workflow



Statistical Computing Workflow

CASES



EcoTox X17-02 Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for Ecological Risk Assessment

Cases

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Case Information

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Upload Cases

Show 10 entries

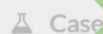
Showing 1 to 10 of 48 entries

ID	Case Name *	Case ID *	Description	Keywords	Source	Start Date [mm/dd/yyyy]	End Date [mm/dd/yyyy]	Latitude	Longitude	Compiled By	Select	Actions
ID	Case Name	Case ID	Description	Keywords	Source	mm/dd/yyyy	mm/dd/yyyy	Latitude	Longitude	Compil		+
2590	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	Experiment #2 2017. Experimental unit 101 species=leopard frog, chemical=Control, concentration=0, route=dermal, ...	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, ...	Sepulveda Lab	05/28/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	<input type="checkbox"/>	
2591	2017 Experiment 2: Unit 102 LIPI Control Rep2	X1702-102	Experiment #2 2017. Experimental unit 102 species=leopard frog, chemical=Control, concentration=0, route=dermal, ...	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, ...	Sepulveda Lab	05/28/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	<input type="checkbox"/>	
2592	2017 Experiment 2: Unit 103 LIPI Control Rep3	X1702-103	Experiment #2 2017. Experimental unit 103 species=leopard frog, chemical=Control, concentration=0, route=dermal, ...	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, ...	Sepulveda Lab	05/28/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	<input type="checkbox"/>	
Search	Search Case Name	Search Case ID	Search Description	Search Keywords	Search Source	Search Start	Search End	Search Latit	Search Longi	Search C		

Statistical Computing Workflow



EcoTox X17-02 Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for Ecological Risk Assessment



DATA

Data

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+ Add New Spreadsheet Template

Top Level (4)

Sub Levels

Completed (10)

Drafts (0)



Descriptives

cases: 48

September 5th, 2018 05:53 am

Robert Wesley Flynn



Media Chemical Measures

cases: 48

August 14th, 2018 04:07 pm

Robert Wesley Flynn



Animal Chemical Measures

cases: 48

August 14th, 2018 04:14 pm

Robert Wesley Flynn



Animal Phenotypic Measures

cases: 48

August 14th, 2018 04:39 pm

Robert Wesley Flynn



Top Level (4)

Sub Levels

Completed (10)

Drafts (0)



Animal Chemical Measures Day 0

cases: 47

August 30th, 2018 08:42 pm

Robert Wesley Flynn



Animal Chemical Measures Day 2

cases: 48

September 4th, 2018 12:45 pm

Ann Christine Catlin



Sub spreadsheet ter

Top Level (4)

Sub Levels

Completed (10)

Drafts (0)



Descriptives

cases: 48

September 5th, 2018 05:53 am

Robert Wesley Flynn



Media Chemical Measures

cases: 48

August 14th, 2018 04:07 pm

Robert Wesley Flynn



Media Chemical Measures Day 0

cases: 48

August 16th, 2018 03:20 pm

Robert Wesley Flynn



Media Chemical Measures Day 5

cases: 48

August 16th, 2018 03:31 pm

Robert Wesley Flynn



Animal Chemical Measures

cases: 48

August 14th, 2018 04:14 pm

Robert Wesley Flynn



Animal Phenotypic Measures

cases: 48

August 14th, 2018 04:39 pm

Robert Wesley Flynn



Animal Phenotypic Measures Day 0

cases: 47

August 16th, 2018 03:56 pm

Robert Wesley Flynn



Animal Chemical Measures Day 0

cases: 47

August 17th, 2018 05:02 pm

Robert Wesley Flynn



Animal Phenotypic Measures Day 2

cases: 45

August 17th, 2018 11:50 am

Robert Wesley Flynn



Animal Chemical Measures Day 2

cases: 48

September 4th, 2018 04:40 pm

Ann Christine Catlin



Statistical Computing Workflow

Animal Phenotypic Measures

Back

Upload Data

Show 5 entries

Id (int)	Case Name (text_large)	Case Id (text_large)	Year (int)	Exp (int)	Dev (text_small)	Route (text_small)	Unit No (int)	Rep (int)	Species (text_small)	Chem (text_small)	Conc (int) [ppb]	Qu (te
2590	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	2017	2	L	Media	101	1	LIPI	Control	0	MAI
2591	2017 Experiment 2: Unit 102 LIPI Control Rep2	X1702-102	2017	2	L	Media	102					MAI
2592	2017 Experiment 2: Unit 103 LIPI Control Rep3	X1702-103	2017	2	L	Media	103					MAI
2593	2017 Experiment 2: Unit 111 LIPI PFOA 10ppb Rep1	X1702-111	2017	2	L	Media	111					MAI
2594	2017 Experiment 2: Unit 112 LIPI PFOA 10ppb Rep2	X1702-112	2017	2	L	Media	112					MAI

Upload Data

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Download

Upload Instructions

Upload

Download Data Spreadsheet

- Use a spreadsheet program to open the data spreadsheet file.
- Do not modify or remove the first three columns (id, case_name, case_id).
- Do not add new data columns.
- Do not add new data rows.
- Do not change the order of columns.
- Update data in the spreadsheet.
- Save the file in the same format (CSV).
- Upload the updated data spreadsheet in the next step.

Select File

Browse

Upload File

Save

Cancel

View

Showing 1 to 5 of 48 entries

Edit Column Attributes

Label*

The label of the column

Conc

Variable

The variable name of the column. It should be unique.

Description

The description of the column

Concentration

Data Type*

The data type of the column (This field cannot be changed)

Integer

Units

The units of the column

ppb

Text Color

The text color of the column

Background Color

The background color of the column

Alignment

The text alignment of the column

Left

Width

The width (in pixels) of the column

OK

Cancel

Statistical Computing Workflow

Cases

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TOOLS

Tools

Analysis

Tool Definitions

New Tool

Copy Tool

Save Tool

Import Tool

Show 10 entries

Tool Name	Tool Short Name	Version	Tool Description
Animal chemical plots from mass spectrometry body burden measures across species and treatments	animalmassspec	v2	Plots generated for animal chemical measures using mass spectrometry measures for body burden
Animal phenotype plots from measurement data across species and treatments	animalphenotype	v1	Plots generated for animal phenotypic data, using replicated regression

Workflow

Show 10 entries

Search:

Session Id	Session Name	Status	Execution Trace	Tool	Version	Launched By	Launched Time	Input	Output	Execution Stats
120	wflynn_20180919-145941	Executing	View Trace	animalmassspec	v2	Robert Wesley Flynn	20180919-145941	View Input		View Stats
101	wflynn_20180904-164800	Finished	View Trace	animalphenotype	v2	Robert Wesley Flynn	20180904-164800	View Input	View Output	View Stats
100	wflynn_20180904-102842	Finished	View Trace	animalphenotype	v2	Robert Wesley Flynn	20180904-102842	View Input	View Output	View Stats
97	acc_20180903-150033	Finished	View Trace	animalphenotype	v2	Ann Christine Catlin	20180903-150033	View Input	View Output	View Stats
96	hewanadun_20180903-124646	Aborted	View Trace	animalphenotype	v2	Chandima Hewanadungodage	20180903-124646	View Input	View Output	View Stats
95	hewanadun_20180903-114132	Finished	View Trace	animalmassspec	v2	Chandima Hewanadungodage	20180903-114132	View Input	View Output	View Stats

Tool Launch

Show 5 entries

Tool Name	Tool Short Name	Latest Version	Description	Versions	Launch
Animal chemical plots from mass spectrometry body burden measures across species and treatments	animalmassspec	v2	Plots generated for animal chemical measures using mass spectrometry measures for body burden	Versions	Launch
Animal phenotype plots from measurement data across species and treatments	animalphenotype	v2	Plots generated for animal phenotypic data, using replicated regression	Versions	Launch

Search Tool Name

Search Tool Short Name

Search Latest Version

Search Description

Showing 1 to 2 of 2 entries

First

Previous

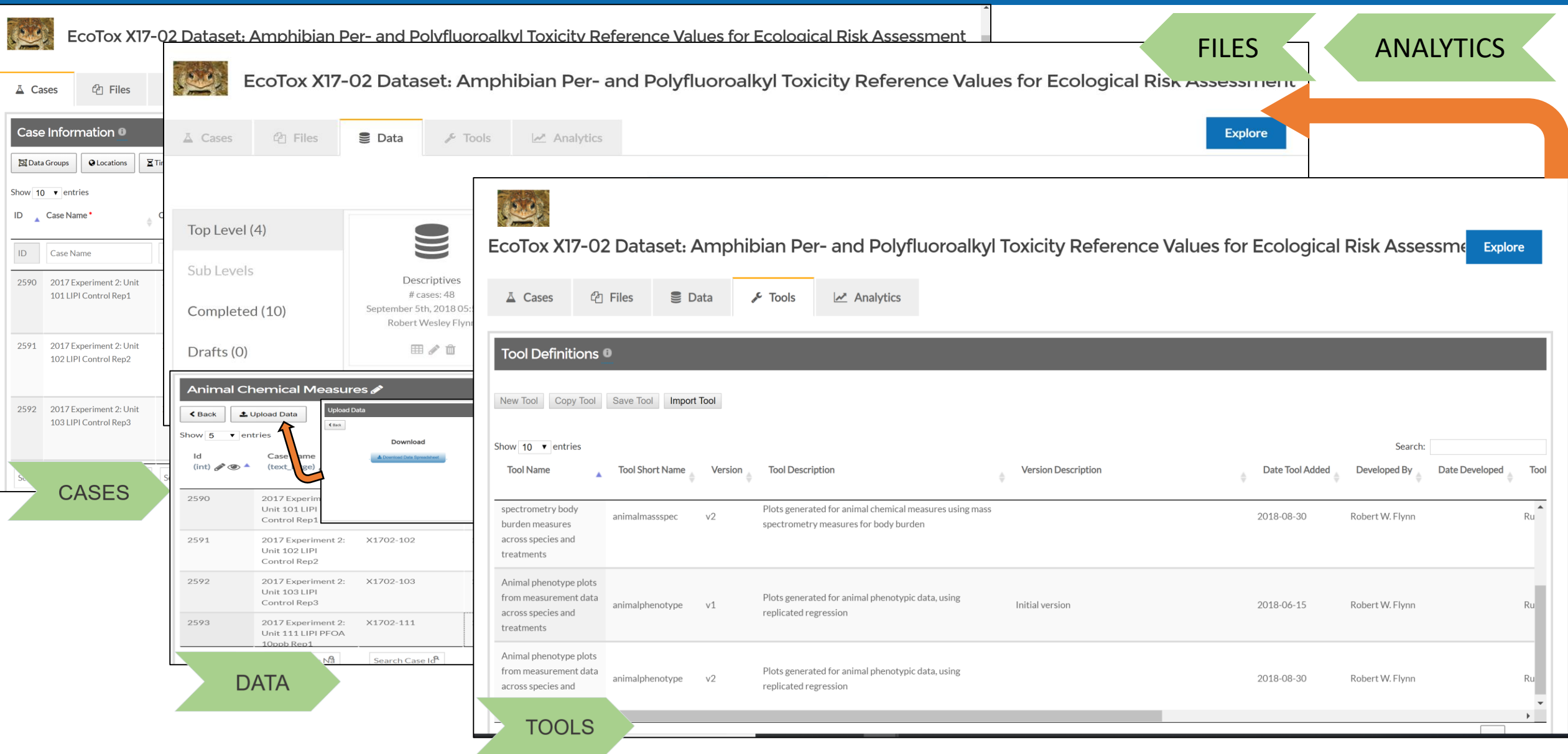
1

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Last

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Statistical Computing Workflow



Discovery and Exploration



Dataset Explorer

EcoTox X17-02 Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for Ecological Risk Assessment

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Show 25 entries

ID	Case Name	Case ID	Description	Keywords
Search	Search Case Name	Search Case ID	Search Description	Search Keywords
2635	2017 Experiment 2: Initial Sampling LIPI	X1702-LIPI	Experiment #2 2017. Initial sampling measures, species=leopard frog	SERDP, ecotoxicology, perfluoroalkyl substance, amphibians, body burden
2640	2017 Experiment 2: Initial Sampling AMTI	X170-AMTI	Experiment #2 2017. Initial sampling measures, species=tiger salamander	SERDP, ecotoxicology, perfluoroalkyl substance, amphibians, body burden

1 / 20

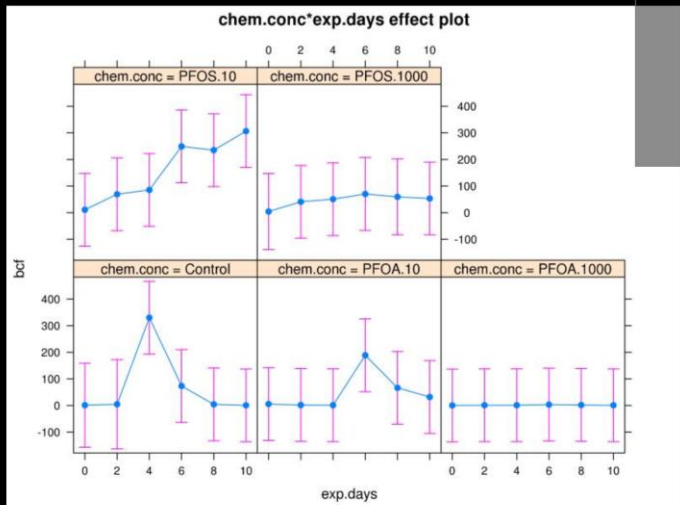
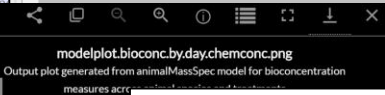
Files Explorer

EcoTox X17-02 Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for Ecological Risk Assessment

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Show 25 entries

File ID	Case Name	Case ID	File Name	Description	Category	Classification	Workflow	Date & Time	Size	Uploaded By
Search File	Search Case Name	Search Case ID	Search File Name	Search Description	Search Category	Search Classification	Search Workflow	Search Date & Time	Search Size	Search Uploaded By
7818	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	SOP022-DataReporting.pdf	Document describing methods for reporting on collected data and results	Reports	SOP		2018-08-14 11:31:19	231.84	Ann Christine Catlin
7841	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	FQP16-01 - X17-03 Experiment Protocol.pdf	Document describing experiment protocol for handling of chemicals and animals	Reports	protocol		2018-08-14 11:31:19	710.22	Ann Christine Catlin
7938	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	FQP16-02 - DataIntegrityPlan.pdf	Document describing protocol for handling of chemicals and animals	Reports	data assurance		2018-08-14 11:31:20	4062.46	Ann Christine Catlin
10366	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	SOP020 - DataQualityControl.pdf	Document describing protocol for handling of chemicals and animals	Reports	data assurance		2018-09-04 15:44:33	264.54	Ann Christine Catlin



Animal Chemical Measures

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Show 25 entries

ID	Case Name	Case ID	Year	Exp	Dev	Route	Unit No	Rep	Species	Chem	Conc (ppb)	Quant	Day	Date (mm/dd/yyyy)	Measures (All)	Quant	Day	Date (mm/dd/yyyy)	Measures (All)	Quant	Day	Date (mm/dd/yyyy)	Measures	Quant	Day	Date (mm/dd/yyyy)	Measures
SR#	Search Case Name	Search	SR#	Yr	Exp	Dev	Search	SR#	Sp	Search	Search	SR#	Q	Search Date	Search	SR#	Q	Search Date	Search	SR#	Q	Search Date	Search	SR#	Q	Search Date	Search
2590	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	2017	2	L	Media	101	1	LIPI	Control	0	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2591	2017 Experiment 2: Unit 102 LIPI Control Rep2	X1702-102	2017	2	L	Media	102	2	LIPI	Control	0	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2592	2017 Experiment 2: Unit 103 LIPI Control Rep3	X1702-103	2017	2	L	Media	103	3	LIPI	Control	0	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2593	2017 Experiment 2: Unit 111 LIPI PFOA 10ppb Rep1	X1702-111	2017	2	L	Media	111	1	LIPI	PFOA	10	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2594	2017 Experiment 2: Unit 112 LIPI PFOA 10ppb Rep2	X1702-112	2017	2	L	Media	112	2	LIPI	PFOA	10	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2595	2017 Experiment 2: Unit 113 LIPI PFOA 10ppb Rep3	X1702-113	2017	2	L	Media	113	3	LIPI	PFOA	10	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2596	2017 Experiment 2: Unit 114 LIPI PFOA 1000ppb Rep1	X1702-114	2017	2	L	Media	114	1	LIPI	PFOA	1000	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2597	2017 Experiment 2: Unit 115 LIPI PFOA 1000ppb Rep2	X1702-115	2017	2	L	Media	115	2	LIPI	PFOA	1000	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	
2598	2017 Experiment 2: Unit 116 LIPI PFOA 1000ppb Rep3	X1702-116	2017	2	L	Media	116	3	LIPI	PFOA	1000	MAN	0	06/01/2018	View	MAN	2	06/03/2018	View	MAN	4	06/05/2018		MAN	6	06/07/2018	

DEEDS DATASETS



EcoTox Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for use in Ecological Risk Assessment

Cases Files Data Tools Analytics

Explore

Case Information

Data Groups Locations Timeline Upload Cases

Show 10 entries

ID	Case Name	Case ID	Description	Keywords	Source
412	Experimental Unit 2017: frog dermal control Oppb rep1	X17-03-101	experimental unit for amphibian frog, route dermal, control,	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, amphibians,	The Sepulveda

Animal Chemical Measures

ID	Case Name	Case ID	Year	Exp	Dev	Route	Unit No	Rep	Species	Chem	Conc (µg/L)	Quant	Day	Date (mm/dd/yyyy)	Measures	Quant	Day	Date (mm/dd/yyyy)	Measures	Quant	Day	Date (mm/dd/yyyy)	Measures
2590	2017 Experiment 2: Unit 101 LIPI Control Rep1	X1702-101	2017	2	L	Media	101	1	LIPI	Control	0	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2591	2017 Experiment 2: Unit 102 LIPI Control Rep2	X1702-102	2017	2	L	Media	102	2	LIPI	Control	0	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2592	2017 Experiment 2: Unit 103 LIPI Control Rep3	X1702-103	2017	2	L	Media	103	3	LIPI	Control	0	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2593	2017 Experiment 2: Unit 111 LIPI PFOA 10ppb Rep1	X1702-111	2017	2	L	Media	111	1	LIPI	PFOA	10	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2594	2017 Experiment 2: Unit 112 LIPI PFOA 10ppb Rep2	X1702-112	2017	2	L	Media	112	2	LIPI	PFOA	10	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2595	2017 Experiment 2: Unit 113 LIPI PFOA 10ppb Rep3	X1702-113	2017	2	L	Media	113	3	LIPI	PFOA	10	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2596	2017 Experiment 2: Unit 114 LIPI PFOA 1000ppb Rep1	X1702-114	2017	2	L	Media	114	1	LIPI	PFOA	1000	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2597	2017 Experiment 2: Unit 115 LIPI PFOA 1000ppb Rep2	X1702-115	2017	2	L	Media	115	2	LIPI	PFOA	1000	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	
2598	2017 Experiment 2: Unit 116 LIPI PFOA 1000ppb Rep3	X1702-116	2017	2	L	Media	116	3	LIPI	PFOA	1000	MAN	0	06/01/2018		MAN	2	06/03/2018		MAN	4	06/05/2018	

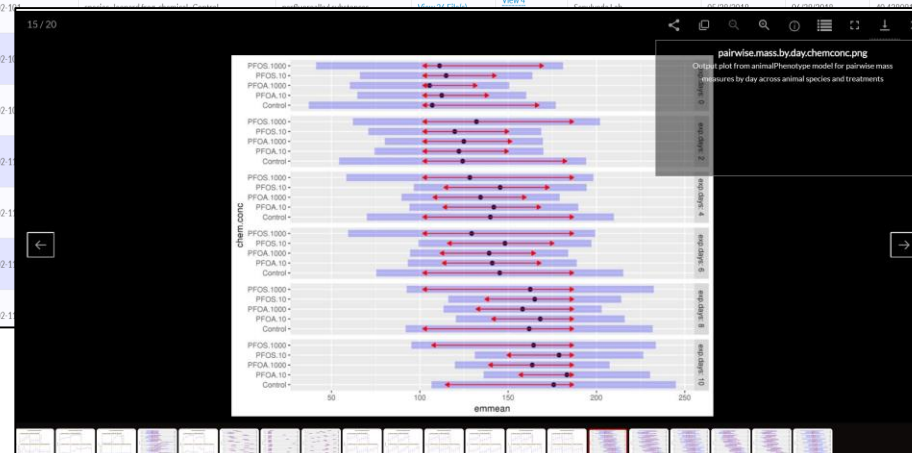


Dataset Explorer

EcoTox X17-02 Dataset: Amphibian Per- and Polyfluoroalkyl Toxicity Reference Values for Ecological Risk Assessment

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ID	Case Name	Case ID	Description	Keywords	Files	Data	Source	Start Date	End Date	Latitude	Longitude	Compiled By	Compiled On
2635	2017 Experiment 2: Initial Sampling LIPI	X1702-LIPI	Experiment #2 2017. Initial sampling measures, species-leopard frog	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, amphibians, body burden	View 26 File(s)	View 4 Template(s)	Sepulveda Lab	05/28/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	08/14/2018
		X1702-AMTI	Experiment #2 2017. Initial sampling measures, species-tiger salamander	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, amphibians, body burden	View 26 File(s)	View 4 Template(s)	Sepulveda Lab	05/14/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	08/14/2018
		X1702-ANAM	Experiment #2 2017. Initial sampling measures, species-american toad	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, amphibians, body burden	View 26 File(s)	View 4 Template(s)	Sepulveda Lab	05/15/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	08/14/2018
		X1702-101	Experiment #2 2017. Experimental unit 101	SERDP, ecotoxicology, poly- and perfluoroalkyl substances, amphibians, body burden	View 4 Template(s)		Sepulveda Lab	05/28/2018	06/29/2018	40.42809100	-86.92251000	Robert W. Flynn	08/14/2018



DEEDS DATASETS



The Berries & Bone Dataset

Cases Files Data Tools Analytics

Case Information

Data Groups Locations Timeline Upload Cases

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ID Case Name Case ID Description Data Group Keywords

ID	Case Name	Case ID	Description	Choose -	Keywords
1570	Participant_101	101	subjects selected for the blueberries and bone clinical study are post menopausal	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis,
1571	Participant_102	102	subjects selected for the blueberries and bone clinical study are post menopausal	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis,
1572	Participant_105	105	subjects selected for the blueberries and bone clinical study are post menopausal	Participants	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis,

Search Case Name Search Case ID Search Description Search Data Search Keywords



Dataset Explorer

The Berries & Bone Dataset

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Show 25 entries Showing 1 to 25 of 71 entries

ID	Case Name	Case ID	Description	Keywords	Files (All)	Data (All)	Source	Start Date (mm/dd/yyyy)	End Date (mm/dd/yyyy)
1570	Participant_101	101	subjects selected for the blueberries and bone clinical study are post menopausal women who will add blueberry powder to their regular diet to evaluate effect on calcium retention.	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, RANKL	View 2 File(s)	View 3 Template(s)	The Weaver Laboatroy	01/12/2017	08/31/2019
1571	Participant_102	102	subjects selected for the blueberries and bone clinical study are post menopausal women who will add blueberry powder to their regular diet to evaluate effect on calcium retention.	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, RANKL	View 2 File(s)	View 3 Template(s)	The Weaver Laboatroy	02/28/2017	08/31/2019
1572	Participant_105	105	subjects selected for the blueberries and bone clinical study are post menopausal women who will add blueberry powder to their regular diet to evaluate effect on calcium retention.	blueberries, bone, calcium retention, OPG, polyphenols, osteoporosis, RANKL	View 2 File(s)	View 3 Template(s)	The Weaver Laboatroy	04/14/2017	08/31/2019

Descriptives

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Show 25 entries Showing 1 to 18 of 18 entries

ID	Case Name	Case Id	Study status	Date dropped	Reason dropped	Date of birth	Age (years)	Race	Ca-41 dose date	Height (cm)	Weight (kg)	BMI (kg/m ²)	Blood draw time	Years past menopause (years)	Early menopause (yes/no)	Hysterectomy year	Medical conditions at screening (search)	Previous fracture (yes/no)	Fracture site
1570	Participant_101	101	Completed	N/A	N/A	12/16/1953	63	White	03/16/2013	166.89	76.7	27.5	6:43 AM	9.5	Yes	N/A	None	No	N/A
1571	Participant_102	102	Completed	9/21/2017	time constraints	08/22/1956	60.5	White	04/29/2017	160.26	58.9	22.9	7:18 AM	5	No	N/A	None	No	N/A
1572	Participant_105	105	Completed	3/19/2018	too much food	05/22/1956	60	White	05/06/2017	160.23	65.7	25.6	9:14 AM	20	Yes	1997	Predabetes 2012, chronic bronchitis 1973	No	N/A
1573	Participant_106	106	Completed	N/A	N/A	10/31/1967	49	White	05/17/2017	163.56	59.6	22.3	9:58 AM	4	No	N/A	Osteopenia 2014, urinary tract infection 2013, hypothyroidism 2011	Yes	Arm
1574	Participant_107	107	Completed	N/A	N/A	01/18/1964	53	White	05/17/2017	159.77	86.4	33.8	10:43 AM	5	Yes	2016	None	No	N/A
1575	Participant_110	110	Completed	N/A	N/A	04/24/1958	59	White	05/26/2017	160.44	62.6	24.3	8:25 AM	5	No	N/A	None	No	N/A
1576	Participant_112	112	Completed	1/3/2018	no reason given	11/26/1951	65	White	05/30/2017	157.39	82.3	33.2	8:42 AM	12	No	N/A	None	No	N/A
1577	Participant_114	114	Completed	4/2/2018	contribution due to Ca supplement	03/17/1953	64	White	06/09/2017	156.25	50.7	20.8	11:01 AM	10	No	N/A	Autoimmune hepatitis 2007, hepatitis 1976	Yes	Torso
1578	Participant_116	116	Completed	N/A	N/A	05/13/1956	61	White	05/30/2017	165.55	74.3	27.1	8:22 AM	10	No	N/A	None	No	N/A
1579	Participant_117	117	Completed	N/A	N/A	10/12/1962	54	White	05/30/2017	159.39	67.6	26.6	9:33 AM	5	No	N/A	Hypothyroidism 1997	No	N/A
1580	Participant_118	118	Completed	N/A	N/A	06/19/1960	56	White	06/05/2017	170.56	71.6	24.6	10:38 AM	4	Yes	N/A	Hashimoto 2013, Factor V Leiden	Yes	Hip
1581	Participant_119	119	Completed	N/A	N/A	11/25/1960	56	White	06/03/2017	158.22	59.3	23.7	8:57 AM	5	No	N/A	Hypothyroidism 2001, urinary tract infection	Yes	Arm
1582	Participant_124	124	Completed	N/A	N/A	12/05/1961	55	White	06/09/2017	158.92	61.9	24.3	10:38 AM	4	No	N/A	Diverticulosis 2017, urinary tract infection 2017	Yes	Arm

DEEDS DATASETS



Quantum Post- Lock and Key Descriptor Dataset



Cases



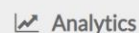
Files



Data



Tools



Analytics

Tool Definitions

New Tool Copy Tool Save Tool Import Tool

Show 10 entries

Tool Name Tool Short Name Version Tool Description

Gaussian09-E.01
computational
chemistry software
package

gaussian09

E.01
DEEDSv1

Gaussian is a licensed software package that provides state of the art capabilities for electronic structure modeling. This tool is the 2009 release of the Gaussian package.

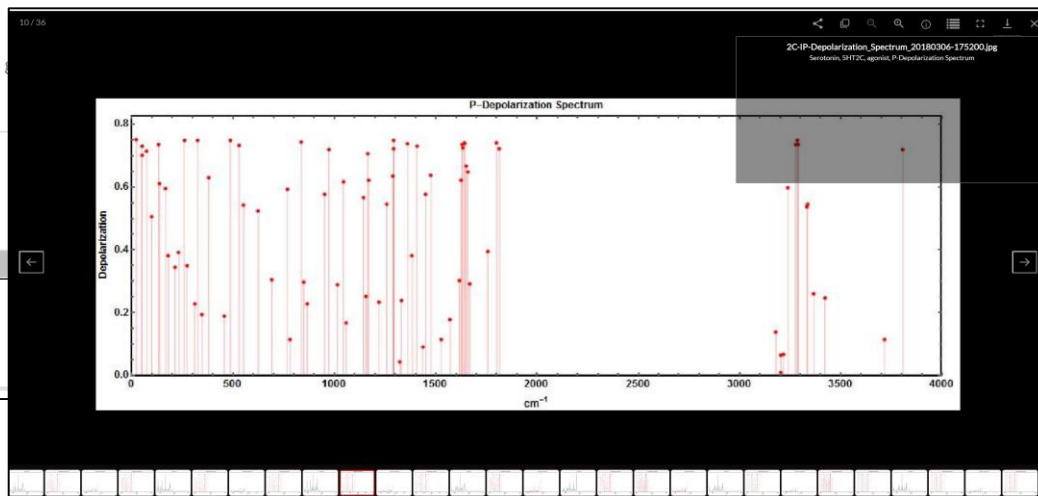
Added pre-processing to replace "gjf" extension with ".com" and remove hard-coded checkpoint path. These are for handling input files generated by Gaussview.

Carnegie Mellon

Available at remote site

Gaussian16-A.03
computational
chemistry software
package

Showing 1 to 2 of 2 entries



Dataset Explorer

Quantum Post- Lock and Key Descriptor Dataset

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Show 25 entries

Showing 1 to 3 of 3 entries

ID	Case Name	Case ID	Description	Keywords	Files	Data	Source	Start Date	End Date
712	5-HT2A	5-HT2A	Serotonin-class G-Protein Coupled Receptor (GPCR). Subclass 2A, typically non-hallucinogenic.	Generic G-Protein Coupled Receptor, intercellular signaling, Receptor Binder, Antagonists	View 4 File(s)		Ross Douglas Hoehn	04/01/2018	04/23/2018
713	5-HT2C	5-HT2C	Serotonin-class G-Protein Coupled Receptor (GPCR). Subclass 2C, typically involved in hallucinogenic activity.	Generic G-Protein Coupled Receptor, intercellular signaling, Receptor Binder, Agonist, 2C-X, DOX, Ergot	View 85 File(s)		Ross Douglas Hoehn	04/01/2018	04/23/2018
714	beta-Androgen	beta-Androgen	Generic G-Protein Coupled Receptor (GPCR). Androgenic receptor class.	Generic G-Protein Coupled Receptor, intercellular signaling, Receptor Binder, Antagonists, Agonists	View 36 File(s)		Ross Douglas Hoehn	04/01/2018	04/23/2018

Showing 1 to 3 of 3 entries

First Previous 1 Next Last

Files Explorer

Quantum Post- Lock and Key Descriptor Dataset

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Show 25 entries

Showing 1 to 25 of 32 entries

File ID	Case Name	Case ID	File Name	Description	Category	Classification	Workflow	Date
1244	5-HT2A	5-HT2A	Olanzapine.gjf	Serotonin, 5-HT2A, Antagonist	Data	GJF Input File - Gaussian Associated		2013
1245	5-HT2A	5-HT2A	MDL100907.gjf	Serotonin, 5-HT2A, Antagonist	Data	GJF Input File - Gaussian Associated		2013
1246	5-HT2A	5-HT2A	Risperidone.gjf	Serotonin, 5-HT2A, Antagonist	Data	GJF Input File - Gaussian Associated		2013
1247	5-HT2A	5-HT2A	Ly367265.gjf	Serotonin, 5-HT2A, Antagonist	Data	GJF Input File - Gaussian Associated		2013
1408	5-HT2A	5-HT2A	LY367265ChargeData_20100319-124412.csv	Serotonin, 5-HT2A, Antagonist, Charge data tables	Data	Post-processor output file		2018
1409	5-HT2A	5-HT2A	LY367265mol_20100319-124412.mol	Serotonin, 5-HT2A, Antagonist, MOL file	Data	Post-processor output file		2018

DEEDS DATASETS



Solar PV Diagnosis: Real-time Monitoring of PV Systems using Suns-Vmp Method



Cases



Files



Data



Tools



Analytics

Tool Definitions

New Tool Copy Tool Save Tool Import Tool

Show 10 entries

Tool Name Tool Short Name Version Tool Description

Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method) pvsuns-vmp r0 The solar PV tool uses Suns-Vmp method to monitor the performance of a module based on

Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method) pvsuns-vmp r

Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method) pvsuns-vmp r

Alam Group Solar PV Degradation Analyzer (Suns-Vmp Method) pvsuns-vmp r

Showing 1 to 8 of 8 entries



Dataset Explorer

Solar PV Diagnosis: Real-time Monitoring of PV Systems using Suns-Vmp Method

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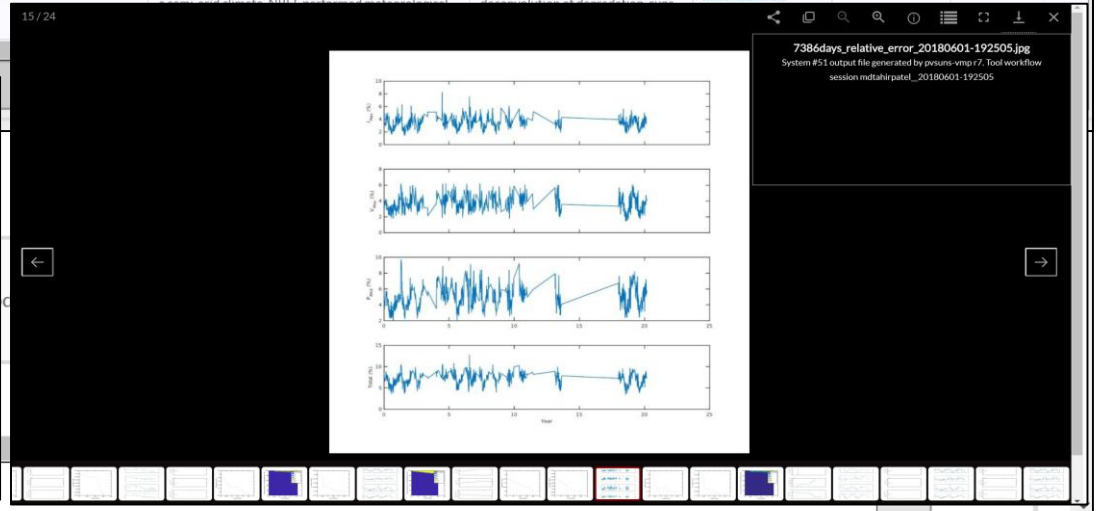
Show 25 entries

Showing 1 to 2 of 2 entries

ID	Case Name	Case ID	Description	Keywords	Files (All)	Data (All)	Source
	<input type="text" value="Search Case Name"/>	<input type="text" value="Search Case ID"/>	<input type="text" value="Search Description"/>	<input type="text" value="Search Keywords"/>	<input type="text" value="Search Files"/>	<input type="text" value="Search Data"/>	<input type="text" value="Search Source"/>
639	System #51	system-51	Solar farm in Golden Colorado, flat-plate photovoltaic (PV) modules deployed in a semi-arid climate. NREL performed meteorological data measurement for this site.	solar photovoltaic system, NREL, efficiency degradation, deconvolution of degradation, suns-vmp method	View 54 File(s)		The Alam Group
640	System #50	system-50	Solar farm in Golden Colorado, flat-plate photovoltaic (PV) modules deployed in	solar photovoltaic system, NREL, efficiency degradation,	View 13 File(s)		The Alam Group

Tool Launch Output

Session Id	Output File	File Size (kb)	Status
104	System50_Input_Circuit_Parameter_20180906-155822.csv	154	Uploaded
104	System50_Results_20180906-155822.mat	2532847	Uploaded
104	System50_Output_Efficiency_20180906-155822.csv	5212	Uploaded
104	System50_temperature_coefficient_20180906-155822.jpg	50629	Uploaded
104	System50_Output_Circuit_Parameter_20180906-155822.csv	24483	Uploaded
104	System50_deconvolution_20180906-155822.jpg	62083	Uploaded
104	System50_efficiency_20180906-155822.jpg	45526	Uploaded
104	System50_Input_Field_Data_20180906-155822.csv	5034460	Uploaded
104	System50_circuit_parameter_20180906-155822.jpg	103355	Uploaded
104	System50_relative_error_20180906-155822.jpg	247436	Uploaded
104	submit_stdout	11306	Not Uploaded. [Will be removed on 2018-09-16]
104	submit_stderr	0	Not Uploaded. [Will be removed on 2018-09-16]
104	submit_log	0	Not Uploaded. [Will be removed on 2018-09-16]
104	submit_metrics	156	Not Uploaded. [Will be removed on 2018-09-16]
104	submit_progress	402	Not Uploaded. [Will be removed on 2018-09-16]
104	00007740_stdout	34892	Not Uploaded. [Will be removed on 2018-09-16]



DEEDS DATASETS

Create
Organize
Preserve
Compute
Share
Explore
Learn
Educate
Publish
Reuse

Pilot version of DEEDS currently available to use case groups at

www.datacenterhub.org

DEEDS platform will be available to general public in summer 2019

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