

Loading Line-point Intercept Excel spreadsheets into DIMA

Set up your excel file. For each line, make sure the following method descriptor values are assigned:

- Azimuth
- Line length (.e.g., 50 m)
- Measure (ft,m)
- Intercept interval (.e.g, 1m, 0.5 m)
- Height option (no height, ad hoc, every point)
- Checkbox Label (e.g., standing dead)
- PointNbr.(1,2,3,...n)
- PointPos (0.5,1,1.5,2,2.5,3,...m)

Example of a populated LPI form:

Site ID	Monitoring Plot	Date (mm/dd/yy)	Observer	Recorder	DataEntry	DataErrorChecking	Azimuth	Line Length (m)	Measure (m)	Intercept Interval (m)	Spacing Type	HeightOption	HeightUOM	Notes	PointNbr	PointPos
HAF2012_CR477_316	1	7/19/2012	Perez	Pitcher			0	50 M		1 m	every point	in			10	1
HAF2012_SCH25_14	1	6/7/2012	Perez	Pitcher			0	50 M		1 m	every point	in			19	1
HAF2012_MIN16_55	1	5/28/2012	Smith	White			0	50 M		1 m	every point	in			5	
HAF2012_BDE29_103	1	6/19/2012	Nutsch	Gardner			0	50 M		1 m	every point	in			14	1
HAF2012_BDE4_178	1	6/27/2012	Gardner	Pitcher			0	50 M		1 m	every point	in			19	1
HAF2012_LAIC6_250	1	7/11/2012	Smith	Hamilton			0	50 M		1 m	every point	in			48	4
HAF2012_MIN16_55	1	5/28/2012	Smith	White			0	50 M		1 m	every point	in			29	2
HAF2012_PGF60_174	1	6/6/2012	Smith	Hamilton			0	50 M		1 m	every point	in			29	2
HAF2012_WIL101_162	1	6/5/2012	Smith	Hamilton			0	50 M		1 m	every point	in			36	3
HAF2012_EMI49_25	1	6/6/2012	Perez	Pitcher			0	50 M		1 m	every point	in			39	3
HAF2012_CO11_292	1	7/24/2012	Perez	Pitcher			0	50 M		1 m	every point	in			45	4
HAF2012_EMI29_30	1	6/18/2012	Perez	Pitcher			0	50 M		1 m	every point	in			26	2
HAF2012_EMI48_46	1	6/14/2012	Perez	Gardner			0	50 M		1 m	every point	in			50	5
HAF2012_CR477_316	1	7/19/2012	Perez	Pitcher			0	50 M		1 m	every point	in			1	
HAF2012_LAIC51_206	1	6/13/2012	Smith	Hamilton			0	50 M		1 m	every point	in			23	2
HAF2012_WIL20_114	1	5/24/2012	Perez	Pitcher			0	50 M		1 m	every point	in			21	2

Cont...

PointPos	Top Canopy	Lower Canopy Layer 1	Lower Canopy Layer 2	Lower Canopy Layer 3	Lower Canopy Layer 4	Soil Surface	HeightTop	HeightLower1	HeightLower2	HeightLower3	HeightLower4	HeightSurface	HeightWoody	HeightHerbaceous	Checkbox Label
10	ARTRV	AGUR	LUPIN	SYOR2			18	17	6	25	0	0	0	0	0 Boo
19	AGCR	PLPA2	ALDE			S	18	1.5	1	0	0	0	0	0	0 Boo
5	AGCR	POSE	PHLO2				12	4	1	0	0	0	0	0	0 Boo
14	PLANT	ALDE	PHLO2				0	0	1	0	0	0	0	0	0 Boo
19	BRTE	ALDE	PHLO2				0	0	1	0	0	0	0	0	0 Boo
48	LS	BRTE	POSE				0	0	1	0	0	0	0	0	0 Boo
29	LS	BRTE	POSE				0	0	1	0	0	0	0	0	0 Boo
29	TRDU	CHJU	POSE				0	0	1	0	0	0	0	0	0 Boo
36	LS	BRTE	POSE				0	0	1	0	0	0	0	0	0 Boo
39	ARTR4	POSE	LUPIN			EL	17	5	2	0	0	0	0	0	0 Boo
45	ACTH7	FEID	ANTEN			EL	10	6	2	0	0	0	0	0	0 Boo
26	LS	POSE	ARTR4			LC	0	6	2	0	0	0	0	0	0 Boo
50	ACTH7	POSE	PHLO2				8	6.5	2	0	0	0	0	0	0 Boo
1	LS	AGUR	LUPIN			EL	0	17	2	0	0	0	0	0	0 Boo
23	AGHE2	BRTE	POSE				0	0	2	0	0	0	0	0	0 Boo
21	BRTE	EPBR3	MACA2				0	0	2	0	0	0	0	0	0 Boo
43	ARTR4	POSE	PHLO2			EL	27	8.5	2.5	0	0	0	0	0	0 Boo
1	ARTRV	BRTE	COPA3			EL	20	0	2.5	0	0	0	0	0	0 Boo
20	HECO26	BRTE	PHLO2				27	0	2.5	0	0	0	0	0	0 Boo
18	LS	BRTE	PHLO2				0	0	2.5	0	0	0	0	0	0 Boo
1	LS	BRTE	POSE				0	0	2.5	0	0	0	0	0	0 Boo

Cont...

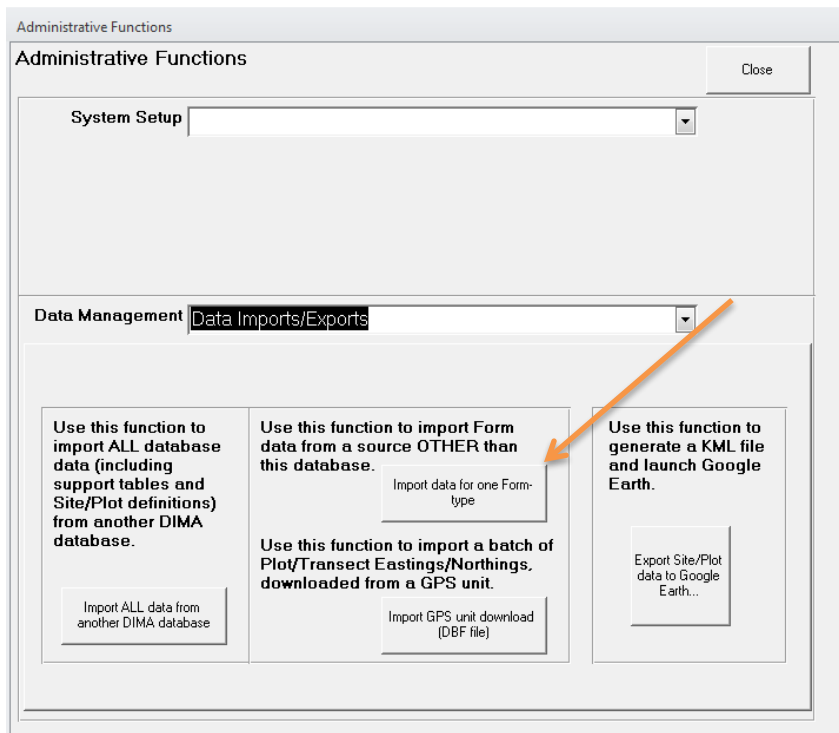
HeightLower3	HeightLower4	HeightSurface	HeightWoody	HeightHerbaceous	Checkbox Label	ChkboxTop	ChkboxLower1	ChkboxLower2	ChkboxLower3	ChkboxLower4	ChkboxSoil	ShrubShape
25	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	Spreading
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	Spreading
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	Mixed
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	Mixed
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	Spreading
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	
0	0	0	0	0	0 Boo	Y	Yes	T	TRUE	TRUE	TRUE	

The columns shown in the example are only for LPI, different ones are used for other data forms.

Make sure every data column is complete. There MUST be a Top Canopy layer and Soil Surface. Soil surface codes must be consistent with the codes used in DIMA. See the Monitoring Manual for Grassland, Shrubland, and Savanna Ecosystems, 2nd Edition Table 15 for more information.

Once your excel data form is complete, import it into DIMA using Administrative Functions→Data Management→Data Imports/Exports

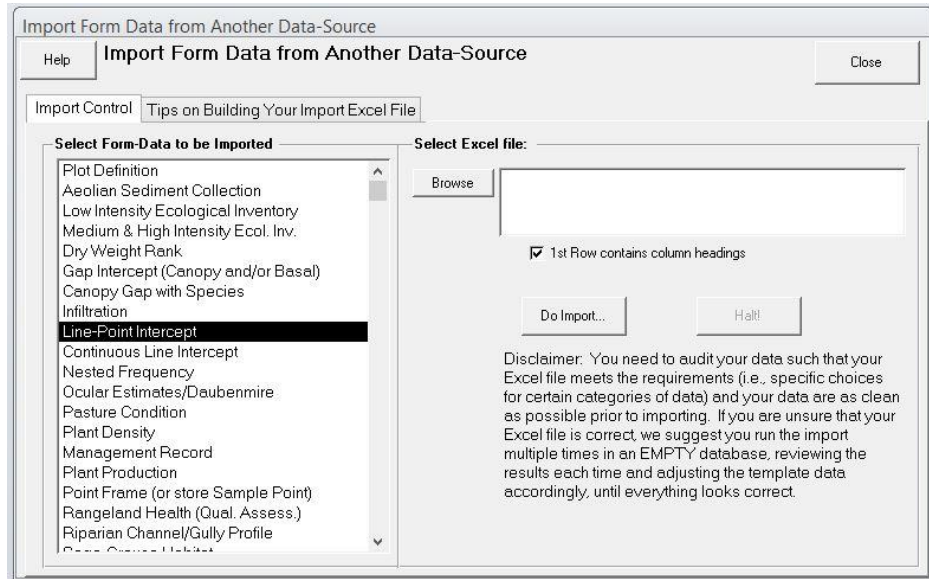
- i. Select “Import data for one Form type”



- j. Make sure to import the **Plot Definition** before you import your Excel spreadsheets. Otherwise, there may be floating lines that don't have a plot designation.

A	B	C	D	E	F	G	H	I	J	K	L
Site	Plot	Line	Azimuth	North Type	Start Latitude (or Northing)	Start Longitude (or Easting)	End Latitude (or Northing)	End Longitude (or Easting)	ElevationStart	ElevationEnd	ElevationType
HAF2012_BDE L_100		1	0.00	Magnetic	808508.13	4765114.37			4964.30		ft
HAF2012_BDE L_113		1	0.00	Magnetic	810214.87	4768748.36			5062.50		ft
HAF2012_BDE L_122		1	0.00	Magnetic	803636.41	4770335.72			4301.60		ft
HAF2012_BDE L_143		1	0.00	Magnetic	806508.06	4777016.99			4882.40		ft
HAF2012_BDE L_163		1	0.00	Magnetic	798116.11	4783425.17			4842.80		ft
HAF2012_BDE 10_140		1	0.00	Magnetic	798973.53	4776177.21			4853.20		ft
HAF2012_BDE 17_121		1	0.00	Magnetic	798213.70	4769857.82			4744.80		ft
HAF2012_BDE 18_156		1	0.00	Magnetic	804532.77	4782106.67			4323.50		ft
HAF2012_BDE 2_135		1	90.00	Magnetic	805335.36	4774857.74			4862.40		ft
HAF2012_BDE 2_189		1	0.00	Magnetic	802883.38	4788707.58			5003.10		ft
HAF2012_BDE 23_164		1	0.00	Magnetic	799533.19	4783528.04			4876.20		ft
HAF2012_BDE 24_117		1	0.00	Magnetic	803470.48	4768738.85			4843.20		ft
HAF2012_BDE 25_116		1	138.00	Magnetic	802866.26	4768474.48			4861.70		ft
HAF2012_BDE 26_188		1	0.00	Magnetic	803155.42	4788666.57			4936.10		ft

- k. Select "Line-point Intercept", browse to your excel file (note! It must be an .XLS)



- l. Select "Do import". The database will check your spreadsheet and then ask if you want to proceed. Check the output report to make sure the number of sites/plots/lines is accurate.

Up Next

1. Core Indicator Reports
2. Create a shapefile from DIMA

Contacts

Sarah McCord at the Jornada Experimental Range (smccord@nmsu.edu)

12/13/2016

Emily Kachergis at the National Operations Center (ekachergis@blm.gov)

Baili Foster at the National Operations Center (bfoster@blm.gov)