How to calculate ice throw

Tutorial Summary:

Learn how to calculate ice throw probability statistics for each specified zone.

1) Import topography data (elevation data needed for ice throw calculations)
   - Go to 'Input' tab
     - Click 'Import Elevation data'
       - File type: GeoTIFF or ADF
2) Import (at least) one met site (wind speed and wind direction distribution needed for ice throw calculations)
   - Go to 'Input' tab
     - Click 'Import TAB file(s)' or 'Import Met TS file'
3) Import turbine sites
   - Go to 'Input tab'
     - Click 'Import' under Turbine Sites
       - .CSV file: Turbine Name, Latitude, Longitude

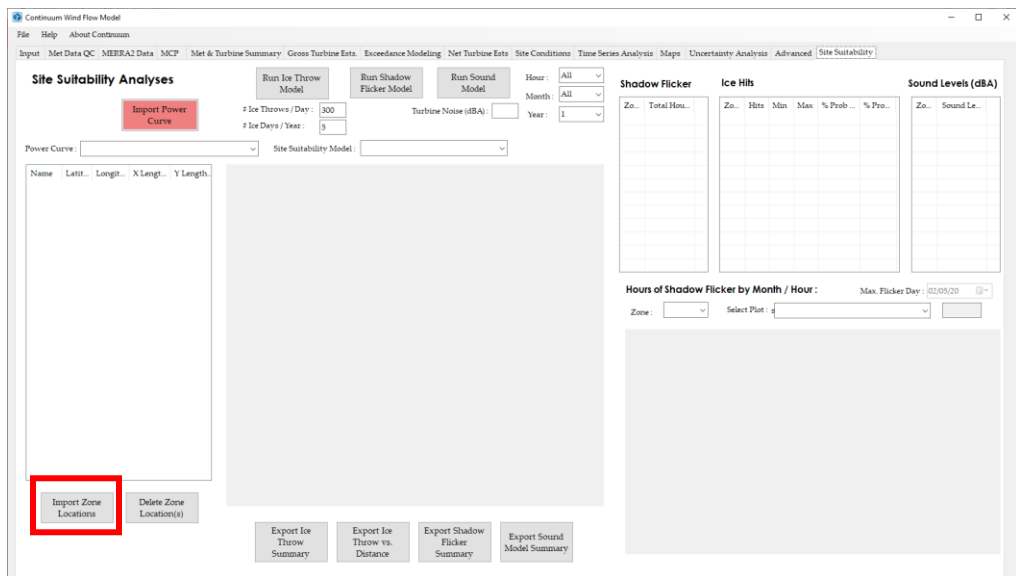|	A	B	C
1	1	26.3207	-103.488
2	2	26.32041	-103.485
3	3	26.32126	-103.48
4	4	26.32108	-103.476
5	5	26.32202	-103.472
6	6	26.32626	-103.492
7	7	26.3268	-103.49

4) Import power curve
   - Go to 'Site Suitability' tab
     - Click 'Import Power Curve'
       - .CSV file
         - Name
         - Wind speed, Power, Thrust

	A	B	C
1	Test_Turbine		
2	3	0	0
3	3.5	26.46	0.9024
4	4	62.72	0.85056
5	4.5	106.82	0.81312
6	5	158.76	0.792
7	5.5	222.46	0.78912
8	6	297.92	0.792
9	6.5	387.1	0.79296
10	7	491.96	0.79392
11	7.5	609.56	0.79008

5) Import zone locations
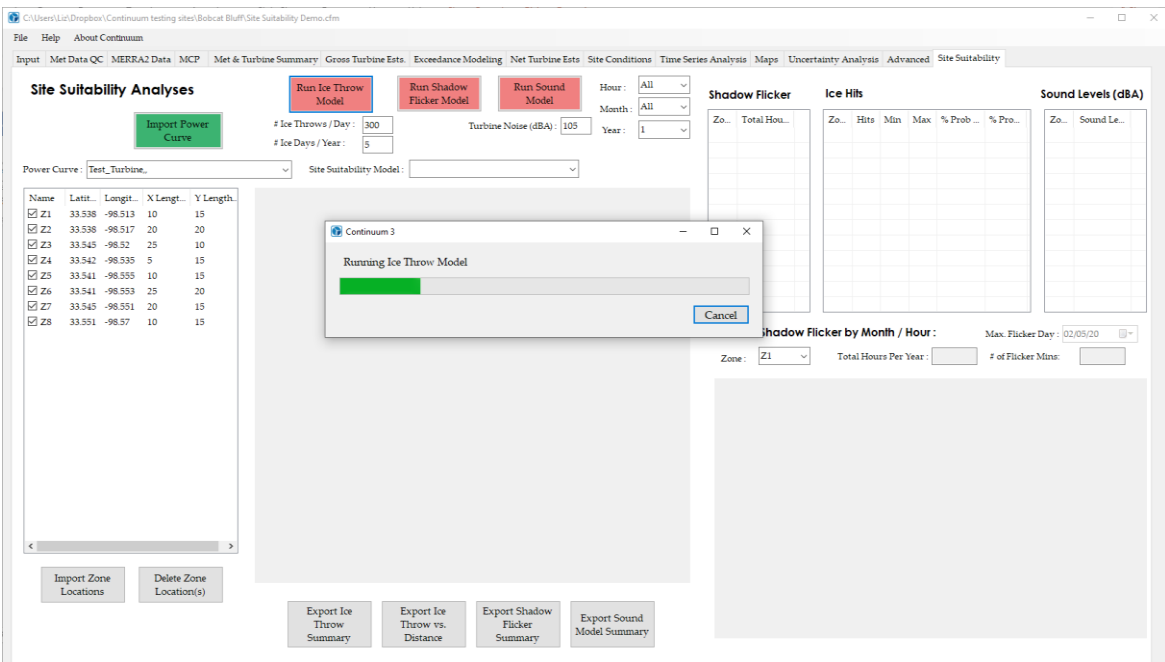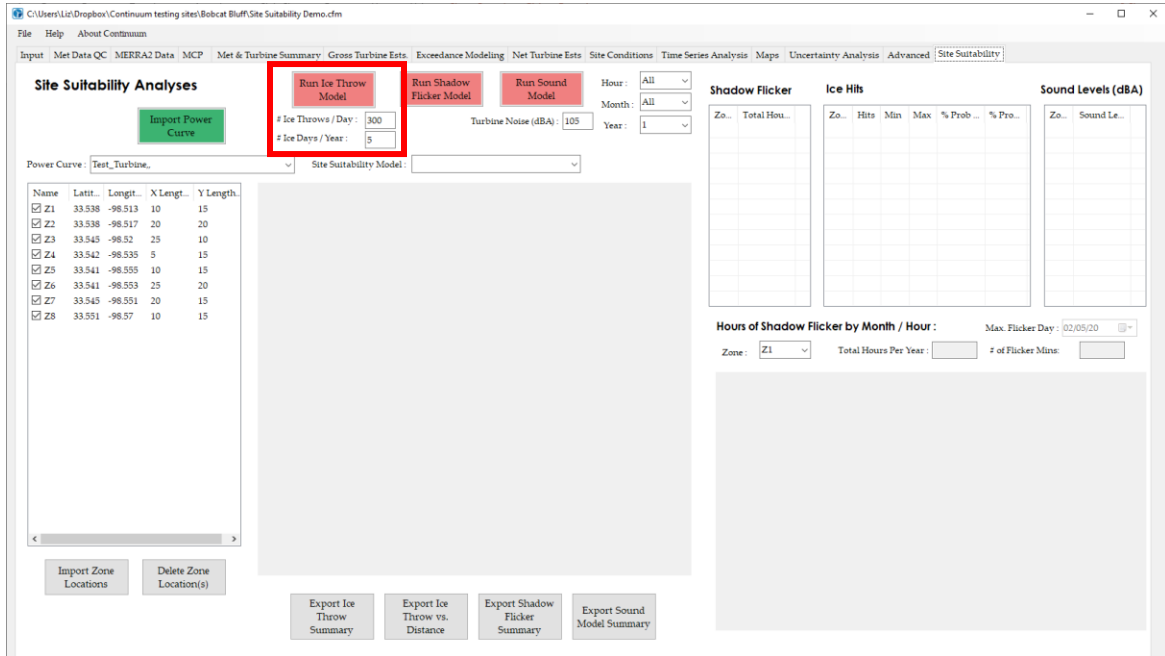- Go to 'Site Suitability' tab,
   o Click 'Import Zone Locations'

- Specify zone name, latitude, longitude, size (E-W), size (N-S) in .CSV file as shown below:

	A	B	C	D	E	F
1	Z1	49.56952	-117.526	10	15	
2	Z2	49.56856	-117.531	20	20	
3	Z3	49.57949	-117.535	25	10	
4	Z4	49.57474	-117.553	5	15	
5	Z5	49.57373	-117.577	10	15	
6	Z6	49.57356	-117.574	25	20	

6) Calculate ice throw probability statistics
- Specify the number of ice throws per ice throw day
  - Default is 300
- Specify the number of ice throw days per year
  - Default is 5
- Click 'Run Ice Throw Model'

7) Export Ice Throw Summary and/or Ice Throw vs. Distance