

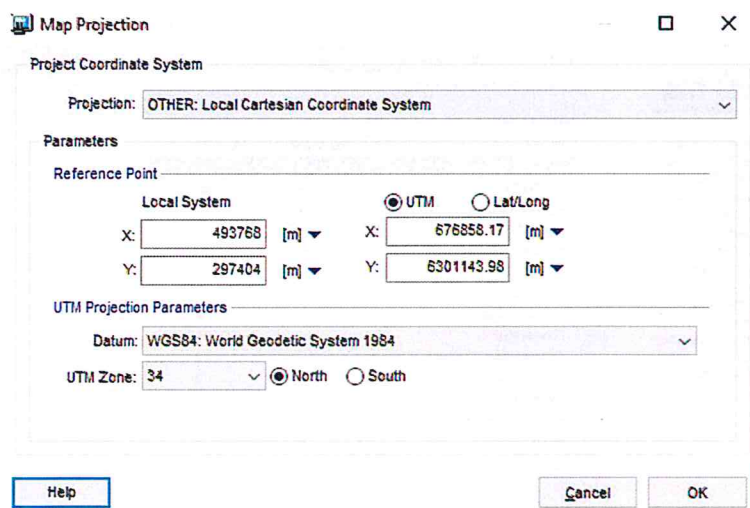
Datorprogramma AERMOD View

2019.gada 10.decembrī

SIA "Vides eksperti"
Kristīne Dobrāja
Līva Asere

1

Ievaddati (I)



Map Projection

Project Coordinate System

Projection: OTHER: Local Cartesian Coordinate System

Parameters

Reference Point

Local System UTM Lat/Long

X: 493768 [m] X: 676858.17 [m]

Y: 297404 [m] Y: 6301143.98 [m]

UTM Projection Parameters

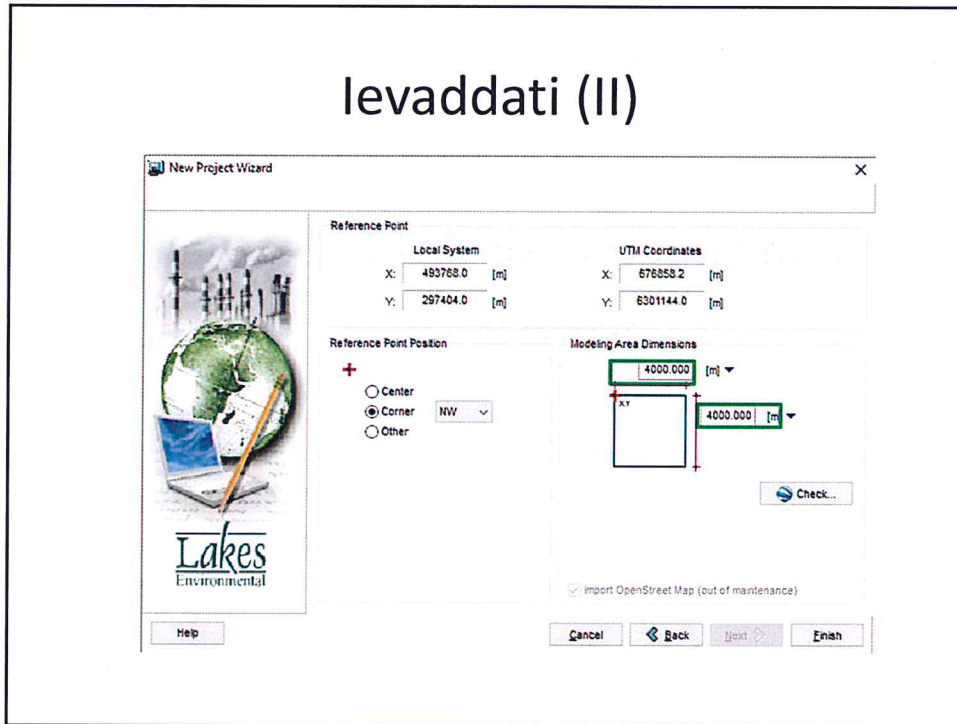
Datum: WGS84: World Geodetic System 1984

UTM Zone: 34 North South

Help Cancel OK

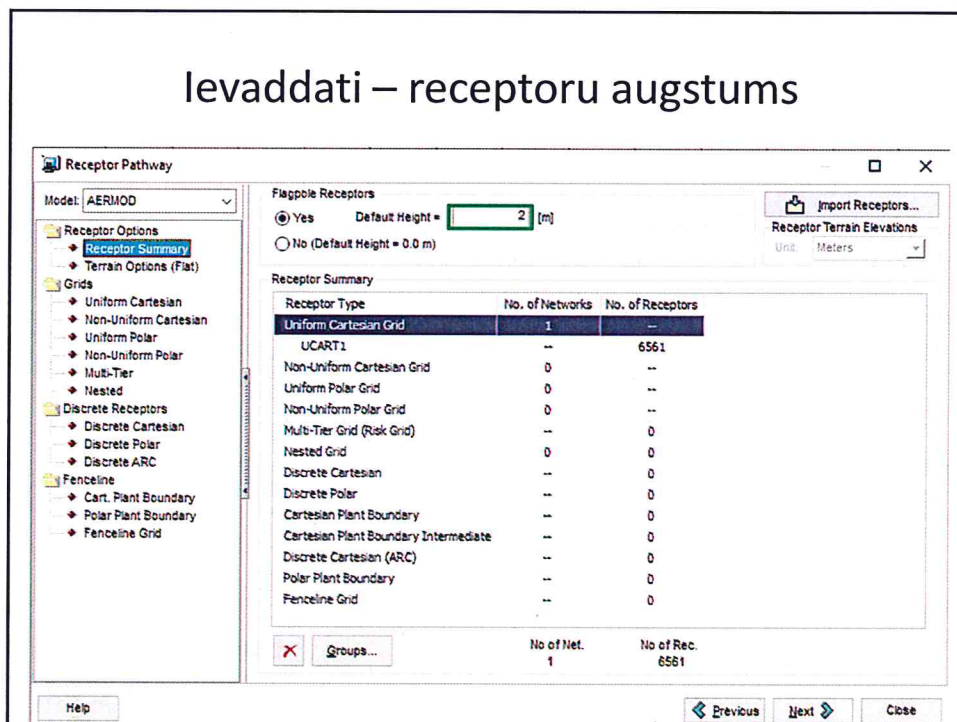
2

levaddati (II)



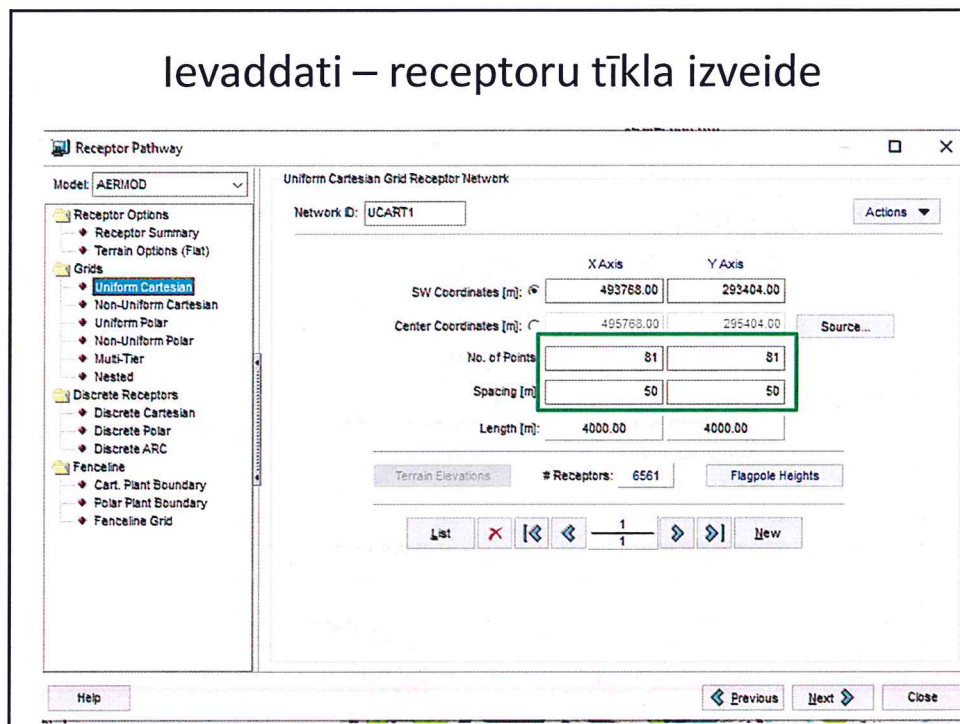
3

levaddati – receptoru augstums



4

levaddati – receptoru tīkla izveide



5

Izdruka – receptoru tīkls

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Uniform Cartesian Grid

Receptor Network ID	Grid Origin X Coordinate [m]	Grid Origin Y Coordinate [m]	No. of X-Axis Receptors	No. of Y-Axis Receptors	Spacing for X-Axis [m]	Spacing for Y-Axis [m]
UCART1	493768.00	293404.00	81	81	50.00	50.00

Non-Uniform Cartesian Grid

Option not in use

Uniform Polar Grid

Option not in use

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levaddati – emisiju avoti

Source Inputs

Source Type
 Type: AREA Source ID: AREA1

Description: (Optional)

Source Location
 X Coordinate: 495328.53 [m]
 Y Coordinate: 295796.71 [m]
 Base Elevation: [m]
 Release Height: [m]

Source Release Parameters
 Emission Rate: [g/sec-m²]
 Length of the X Side: [m]
 Length of the Y Side: [m]
 Orientation Angle from North: [deg]
 Initial Vertical Dimension: [m] (Optional)

Area [m²]: [ft²]

Help [Icons] New [Close]

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Source Inputs

Source Type
 Type: AREA Source ID: AREA1

Description: (Optional)

Source Location
 X Coordinate: 495536.08 [m]
 Y Coordinate: 295626.14 [m]
 Base Elevation: [m]
 Release Height: [m]

Source Release Parameters
 Emission Rate: [g/sec-m²]
 Or: 0.002 [g/s] 0.01587 [lb/hr]
 Initial Vertical Dimension: [m] (Optional)

Area [m²]: 6252.0 67295.5 [ft²]

Help [Icons] New [Close]

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Source Inputs X

Source Type: Source ID:

Description: (Optional)


Source Location

X Coordinate: [m]

Y Coordinate: [m]

Base Elevation: [m]

Release Height: [m]



Source Release Parameters

Emission Rate: [g/sec-m²]

Length of the X Side: [m]

Length of the Y Side: [m]

Orientation Angle from North: [deg]

Initial Vertical Dimension: [m] (Optional)

Area [m²]: [m²]

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Ievaddati – laukuma avots (izdruka)

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREAPOLY

Source: A1 (Ilgaves laukums)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/(s-m²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
48.00	0.00	0.35E-0		0	540606.13	307030.64
		0.35E-0			540625.46	308115.88
		0.35E-0			540671.24	308132.20
		0.35E-0			541466.25	307673.67
		0.35E-0			541510.99	307841.19

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Source Inputs

Source Type: LINE VOLUME Source ID: A3 Source ID Prefix: (Optional)

Description: Pevadceš (Optional)

Line Source Parameters (Represented by Volume Sources)

Configuration: Separated ZW

Pume Height (PH): 5.1 [m]

Pume Width (PW): 8.5 [m]

Emission Rate: 0.192 [g/s]

Surface-Based Elevated

On or Adjacent to a Building

Total Length [m]: 1300.0

Line Source Notes

Generate

Node # X Coord [m]

1	54
2	54
3	54

Help

Haul Road Volume Source Calculator

Haul Road Parameters

Configuration:

Vehicle Height (VH): 3.0 [m]

Factor: 1.7

Pume Height (PH): 5.1 [m] (PH = Factor * VH)

Release Height (RH): 2.55 [m] (RH = 0.5 * PH)

Initial Sigma Z: 2.37 [m] (Sigma Z = PH / 2.15)

Lane Type: Single Lane

Vehicle Width (VW): 2.5 [m]

Pume Width (PW): 8.5 [m] (PW = VW * 6)

Emission Rate: 0.192 [g/s]

Help Report... Cancel Apply

Line Volume Sources

Source Type: LINE VOLUME

Source: A3 (Pevadceš)

Length of Side [m]	Emission Rate [g/s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.50	0.19200		541509.77	308057.24	48.00	2.55
			541541.06	308050.08	48.00	2.55
			541517.12	308121.51	48.00	2.55
			541485.11	308176.60	48.00	2.55

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levaddati – emisiju avoti

Source Inputs

Source Type: POINT Source ID: A3 Release Type: Vertical

Description: Katlu maja 0,2 MW (Optional)

Source Location

X Coordinate: 495797.59 [m]

Y Coordinate: 295325.64 [m]

Base Elevation: 7.09 [m]

Release Height: 11.3 [m]

Source Release Parameters

Emission Rate: 0.0096 [g/s]

Gas Exit Temperature: 160.0 [C] Fixed Ambient Above Ambient

Stack Inside Diameter: 0.2 [m]

Gas Exit Velocity: 2.05 [m/s]

Gas Exit Flow Rate: 0.0644 [m³/s]

Help New Close

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levaddatu tabula emisiju avotiem

Point Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Emission (kg/hr)	Release Height [m]	Emission Rate (g/s)	Gas Exit Temp. [°C]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
POINT	A1	495796.57	295330.74	7.11	11.30	0.02350	433.15	0.71	0.53
POINT	A3	495797.59	295325.64	7.09	11.30	0.00960	433.15	2.05	0.20
POINT	A4	495763.76	295324.39	7.33	10.00	0.01020	403.15	2.16	0.20
POINT	A5	495777.96	295323.97	7.18	10.00	0.01020	403.15	2.16	0.20
POINT	A6	495767.94	295331.91	7.31	10.50	0.03050	473.15	6.48	0.20
POINT	A7	495759.17	295337.34	7.59	7.50	0.01580	403.15	3.31	0.20

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Variācijas

The screenshot displays the 'Source Pathway' software interface. The main window is titled 'Variable Emissions'. On the left, there is a sidebar with a tree view containing categories such as 'Source Parameters', 'Source Options', and 'NOx to NO2 Options'. The central area shows a list of variable emission scenarios. A search bar at the top right allows filtering by 'All Fields' or 'Selected Field'. Below the search bar, a table lists the scenarios:

#	Source ID	Source Type	In Scenario(s)	Description
1	A1	POINT	Scenario 2	Katu maia 0.468
2	A3	POINT	Scenario 3	Katu maia 0.2 MW
3	A4	POINT	Scenario 4	Gazes deglis 0.2MW
4	A5	POINT	Scenario 8	Gazes deglis 0.2MW
5	A6	POINT	Scenario 6	Gazes deglis 0.6MW
6	A7	POINT	Scenario 7	Gazes deglis 0.3MW

At the bottom of the window, there are navigation buttons for 'Previous', 'Next', and 'Close', along with a 'Help' button.

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Arēķina piemērs

=Y18*Z18+SAAS17*24*3600*10^-6

	R	S	T	U	V	W	X	Y	Z	AA	AB
			A3	CO		0,0081		NO2	Koefic.	0,0096	g/s
				31	0,14	0,0030		31	0,14	=Y18*Z18	
				28	0,13	0,0025		28	0,13	0,0030	
				31	0,05	0,0011		31	0,05	0,0013	
				30	0	0,0000		30	0	0,0000	
				31	0	0,0000		31	0	0,0000	
				30	0	0,0000		30	0	0,0000	
				31	0	0,0000		31	0	0,0000	
				31	0	0,0000		31	0	0,0000	
				30	0	0,0000		30	0	0,0000	
				31	0,05	0,0011		31	0,05	0,0013	
				30	0,13	0,0027		30	0,13	0,0032	
				31	0,135	0,0029		31	0,135	0,0035	
						0,0134	0,0134		t/gadā	0,0160	0,0160

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The screenshot shows the 'Source Pathway' window in AERMOD. The 'Variable Emissions' section is active, displaying a list of sources and their emission factors by month for Scenario 3. The 'Text to Search' field is empty, and the search results show 7 sources (A1-A7) with their respective descriptions and emission factors.

#	Source	Source Type	In Scenario(s)	Description
1	A1	POINT	Scenario 2	Katlu māja 0,483
2	A3	POINT	Scenario 3	Katlu māja 0,2 MW
3	A4	POINT	Scenario 4	Gāzes degis 0,2MW
4	A5	POINT	Scenario 5	Gāzes degis 0,2MW
5	A6	POINT	Scenario 6	Gāzes degis 0,6MW
6	A7	POINT	Scenario 7	Gāzes degis 0,3MW

Month	Factor
January	0,14
February	0,13
March	0,05
April	0,0
May	0,0
June	0,0
July	0,0
August	0,0
September	0,0
October	0,05
November	0,13
December	0,135

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Source Pathway

4270

Building Downwash Information

Open road use

Emission Rate Units for Output

For Concentration

Unit Factor: 1E6
 Emission Unit Label: GRAMS/GC/D
 Concentration Unit Label: MICROGRAMS/M³

Variable Emissions

Monthly Emission Rate Variation
 Scenario: Scenario 2

Scenario	Month	Jan-June	July	Aug	Sept	Oct	Nov	Dec
Scenario 2	Jan-June	0.19	0.19	0.19	0.02	0.02	0.02	0.02
	July-December	0.02	0.02	0.02	0.02	0.19	0.19	0.19
Scenario 3	Jan-June	0.14	0.12	0.05	0.00	0.00	0.00	0.00
	July-December	0.00	0.00	0.00	0.00	0.13	0.13	0.14
Scenario 4	Jan-June	0.15	0.15	0.15	0.15	0.15	0.15	0.15
	July-December	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Scenario 6	Jan-June	0.15	0.15	0.15	0.15	0.15	0.15	0.15
	July-December	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Scenario 7	Jan-June	0.15	0.15	0.15	0.15	0.15	0.15	0.15
	July-December	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Scenario 8	Jan-June	0.15	0.15	0.15	0.15	0.15	0.15	0.15
	July-December	0.15	0.15	0.15	0.15	0.15	0.15	0.15

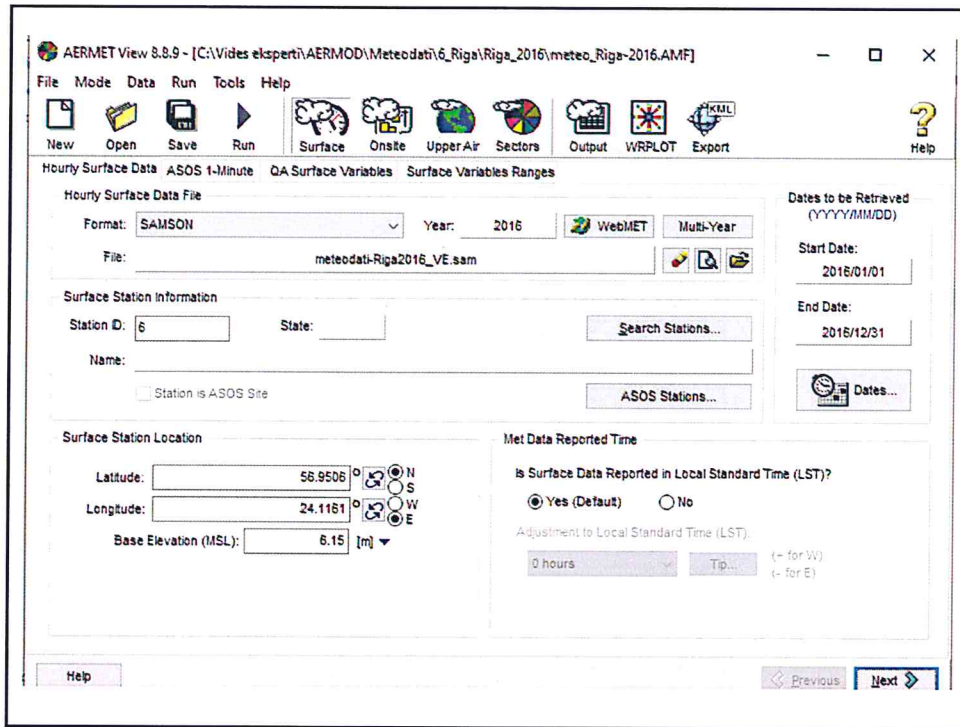
17

Meteo dati

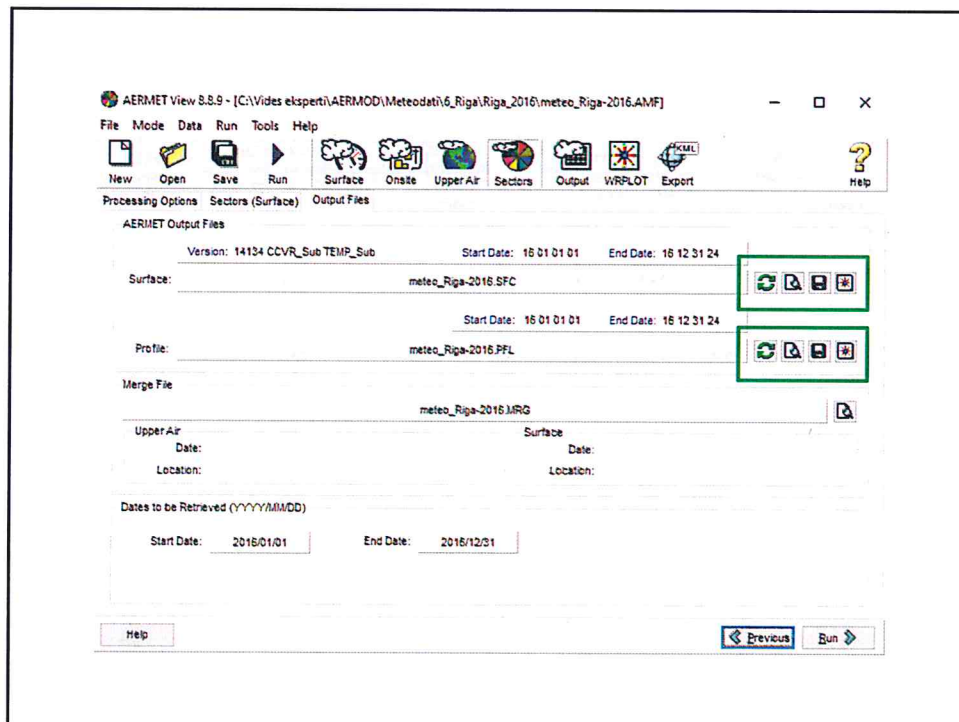
Datums	Stunda	Piezemes temperatūra, °C	Vēja ātrums, m/s	Vēja virziens, grādi	Kopējais mākoņu daudzums, oktās	Globālā horizontālā radiācija, wh/m2	Albedo, %	Virsmas siltuma plūsma, W/m2	Mopina - Obuhova garums, m	Sajaucšanās augstums, m
2016-01-01	1	-9.86	2.67	94	0	0	0	-64.0	306.5	491.0
2016-01-01	2	-9.83	2.34	94	0	0	0	-61.0	189.4	422.0
2016-01-01	3	-9.01	1.72	106	0	0	0	-35.7	65.2	290.5
2016-01-01	4	-7.57	2.49	97	0	0	0	-64.0	268.7	370.3
2016-01-01	5	-7.07	2.58	94	0	0	0	-64.0	287.1	420.1
2016-01-01	6	-6.97	2.91	87	0	0	0	-64.0	362.8	485.1
2016-01-01	7	-6.89	3.61	83	0	0	0	-64.0	570.4	614.0
2016-01-01	8	-6.96	4.27	101	0	0	0	-64.0	834.3	786.0
2016-01-01	9	-7.07	3.99	99	0	0	0	-64.0	713.6	824.5
2016-01-01	10	-7.06	3.94	86	0	0	70%	-64.0	693.4	835.8
2016-01-01	11	-7.04	2.40	106	0	0	0	-64.0	117.5	717.4

Gads	Mēnesis	Datums	Stunda	Piezemes temperatūra, °C	Vēja ātrums, m/s	Vēja virziens, grādi	Kopējais mākoņu daudzums, oktās	Globālā horizontālā radiācija, wh/m2	Albedo, %	Virsmas siltuma plūsma, W/m2	Mopina - Obuhova garums, m	Sajaucšanās augstums, m
2016	1	1	1	-9.86	2.67	94	0	0	0	-64.0	306.5	491.0
2016	1	1	2	-9.83	2.34	94	0	0	0	-61.0	189.4	422.0
2016	1	1	3	-9.01	1.72	106	0	0	0	-35.7	65.2	290.5
2016	1	1	4	-7.57	2.49	97	0	0	0	-64.0	268.7	370.3
2016	1	1	5	-7.07	2.58	94	0	0	0	-64.0	287.1	420.1
2016	1	1	6	-6.97	2.91	87	0	0	0	-64.0	362.8	485.1
2016	1	1	7	-6.89	3.61	83	0	0	0	-64.0	570.4	614.0
2016	1	1	8	-6.96	4.27	101	0	0	0	-64.0	834.3	786.0
2016	1	1	9	-7.07	3.99	99	0	0	0	-64.0	713.6	824.5
2016	1	1	10	-7.06	3.94	86	0	0	70%	-64.0	693.4	835.8
2016	1	1	11	-7.04	2.40	106	0	0	0	-64.0	117.5	717.4

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Surface File / Virsmas fails

Met View [Pre-Processed Surface Met Data File]

File Header Data

Surface File Name: metec_Riga-2016.SFC

Station Latitude: 56.851N Upper Air Station ID: 8 Cruise Station ID: N/A

Station Longitude: 24.118E Surface Station ID: 8 Version: 14124 CCVR_BUB_TEMP_BUB

Filter: Year: 2016 Month: All Day: All Julian Day: All

Year	Month	Day	Julian Day	Hour	Surface Heat Flux [W/m ²]	Surface Friction Velocity [m/s]	Convective Velocity Scale [m/s]	Vertical Potential Temperature Gradient above PBL	Height of Convective Boundary Layer-PBL [m]	Height of Mechanically Generated Boundary Layer-SL [m]	Monn-Ouahov Length [m]	Surface Roughness Length [m]	Rowin Ratio	Albedo	Wind Speed [m/s]	Wind Direction [degrees]	Reference Height for Wind [m]	Reference Temperature [C]	Reference Height for temp [m]	Precipitation Code	
Min.	2016	janv.	1	1	-899.0	-8.000	-8.000	-8.000	-999.0	-999.0	-99999.0	1.000	1.82	0.21	0.00	0.0	10.0	282.9	2.0	0	
Max.	2016	12	31	24	281.9	1.697	2.811	0.005	4000.0	4000.0	8888.0	1.000	1.82	1.00	9.80	360.0	10.0	204.9	2.0	0	
1	2016	janv.	1	1	-45.3	0.374	-8.000	-8.000	-999.0	-999.0	542.0	104.2	1.000	1.82	1.00	2.60	91.0	10.0	282.2	2.0	0
2	2016	janv.	1	2	-29.9	0.247	-8.000	-8.000	-999.0	-999.0	554.0	45.5	1.000	1.82	1.00	2.10	85.0	10.0	285.4	2.0	0
3	2016	janv.	1	3	-12.0	0.150	-8.000	-8.000	-999.0	-999.0	120.0	18.8	1.000	1.82	1.00	1.50	114.0	10.0	284.1	2.0	0
4	2016	janv.	1	4	-42.0	0.375	-8.000	-8.000	-999.0	-999.0	350.0	102.8	1.000	1.82	1.00	2.60	102.0	10.0	285.5	2.0	0
5	2016	janv.	1	5	-44.8	0.375	-8.000	-8.000	-999.0	-999.0	351.0	105.9	1.000	1.82	1.00	2.60	80.0	10.0	286.0	2.0	0
6	2016	janv.	1	6	-57.3	0.478	-8.000	-8.000	-999.0	-999.0	732.0	172.5	1.000	1.82	1.00	3.10	62.0	10.0	286.1	2.0	0
7	2016	janv.	1	7	-64.0	0.500	-8.000	-8.000	-999.0	-999.0	1052.0	274.8	1.000	1.82	1.00	3.60	85.0	10.0	286.2	2.0	0
8	2016	janv.	1	8	-64.0	0.879	-8.000	-8.000	-999.0	-999.0	1342.0	441.3	1.000	1.82	1.00	4.10	103.0	10.0	288.1	2.0	0
9	2016	janv.	1	9	-74.0	0.976	-8.000	-8.000	-999.0	-999.0	1342.0	441.3	1.000	1.82	1.00	4.10	67.0	10.0	288.0	2.0	0

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Profile File / Profila fails

Met View [Profile Met Data File]

Profile File Name: metec_Riga-2016.PFL

Filter: Year: 2016 Month: All Day: All

Year	Month	Day	Hour	Measurement Height [m]	1, if this is the last (highest) level for the hour, or 0 otherwise	Direction the wind is blowing from for the current level [degrees]	Wind Speed for the current level [m/s]	Temperature at the current level [C]	Standard deviation of the wind direction fluctuations [degrees]	Standard deviation of the vertical wind speed fluctuations [m/s]
Min.	2016	janv.	1	1	10.0	1	0.00	-20.2	99.0	99.00
Max.	2016	12	31	24	10.0	1	360.0	9.80	31.8	99.00
1	2016	janv.	1	1	10.0	1	91.0	2.60	-9.9	99.00
2	2016	janv.	1	2	10.0	1	88.0	2.10	-9.8	99.00
3	2016	janv.	1	3	10.0	1	114.0	1.50	-9.0	99.00
4	2016	janv.	1	4	10.0	1	103.0	2.60	-7.6	99.00
5	2016	janv.	1	5	10.0	1	93.0	2.60	-7.1	99.00
6	2016	janv.	1	6	10.0	1	92.0	3.10	-7.0	99.00
7	2016	janv.	1	7	10.0	1	85.0	3.60	-6.9	99.00
8	2016	janv.	1	8	10.0	1	103.0	4.10	-7.0	99.00
9	2016	janv.	1	9	10.0	1	97.0	4.10	-7.1	99.00
10	2016	janv.	1	10	10.0	1	91.0	4.10	-7.1	99.00
11	2016	janv.	1	11	10.0	1	114.0	3.10	-7.0	99.00
12	2016	janv.	1	12	10.0	1	106.0	2.60	-7.1	99.00
13	2016	janv.	1	13	10.0	1	83.0	3.60	-7.7	99.00
14	2016	janv.	1	14	10.0	1	79.0	4.10	-8.1	99.00
15	2016	janv.	1	15	10.0	1	77.0	4.10	-8.1	99.00

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Meteorology Pathway

AERMAP

Met Input Data

Surface Met Data
 Filename: ...\\Metodati_0_Riga\Riga_2010\meteo_Riga-2018.SFC
 Format Type: Default AERMAP format

Profile Met Data
 Filename: ...\\Metodati_0_Riga\Riga_2010\meteo_Riga-2018.PFL
 Format Type: Default AERMAP format

Wind Speed **Wind Direction**
 Wind Speeds are Vector Mean (Not Scalar Means) Rotation Adjustment [deg]:

Potential Temperature Profile
 Base Elevation above MSL (for Primary Met Tower): 8.15 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2018			
Upper Air		2018			

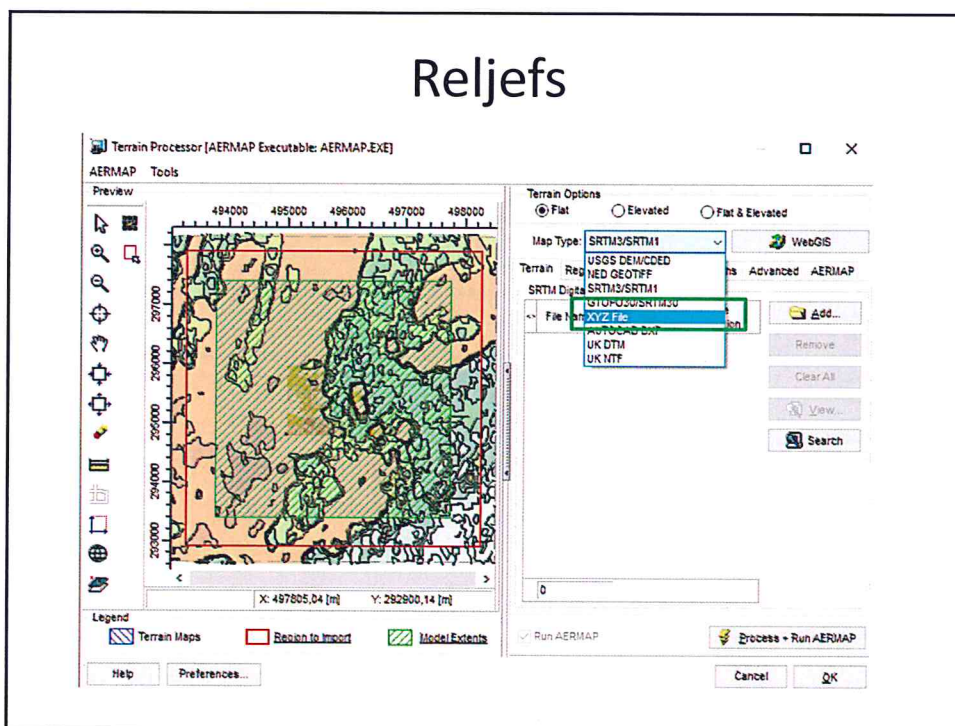
Data Period

Data Period to Process
 Start Date: 01/01/2016 Start Hour: 1 End Date: 31/12/2016 End Hour: 24

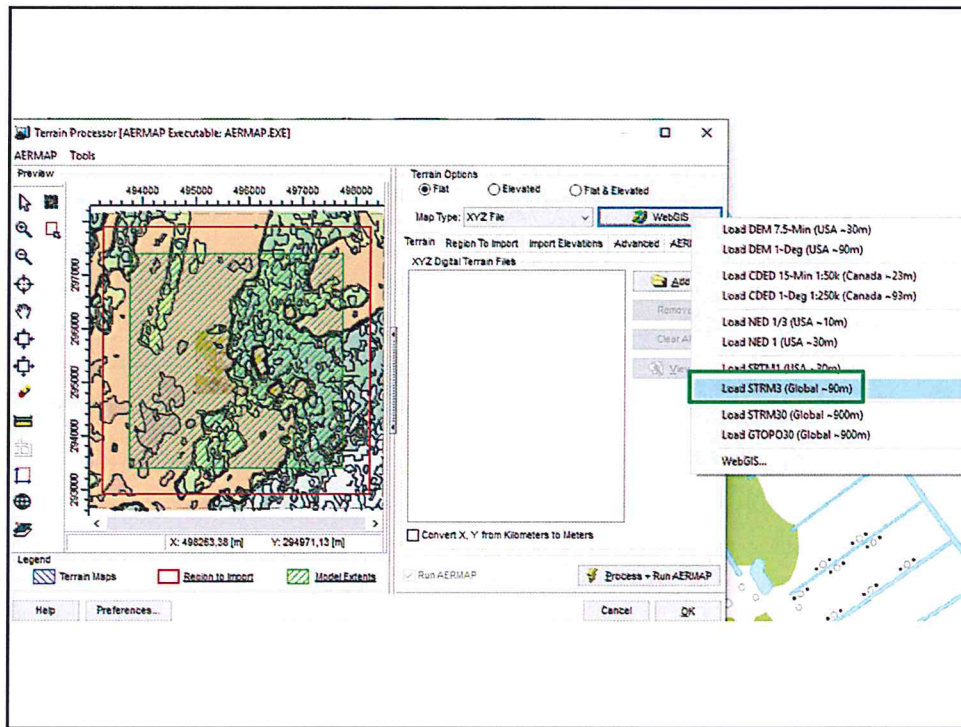
Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.24	D	8.23
B	3.06	E	10.8
C	5.14	F	No Upper Bound

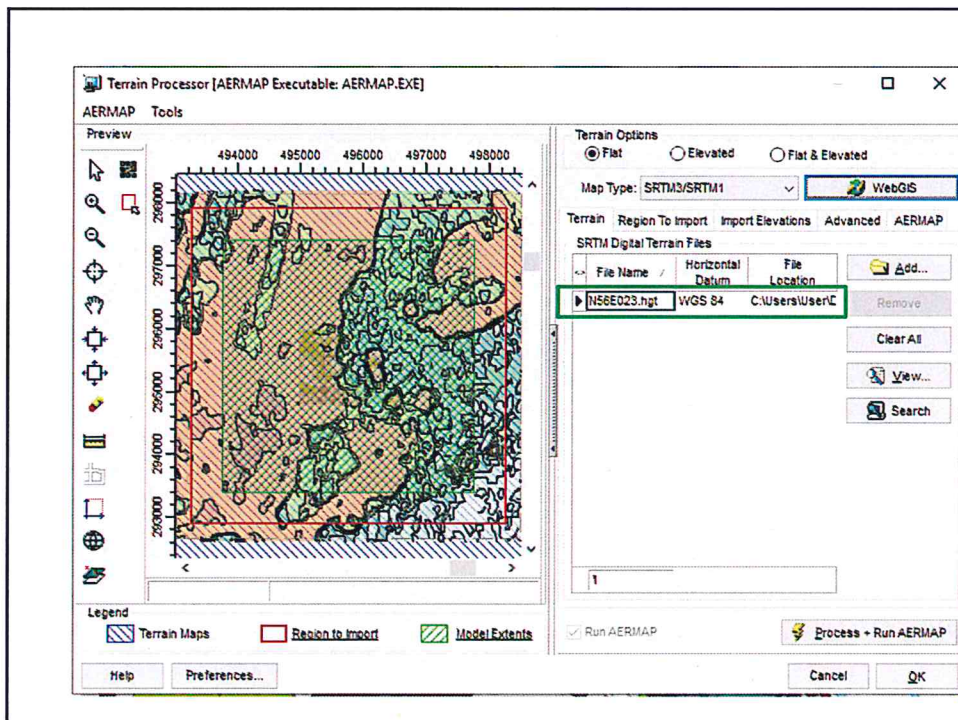
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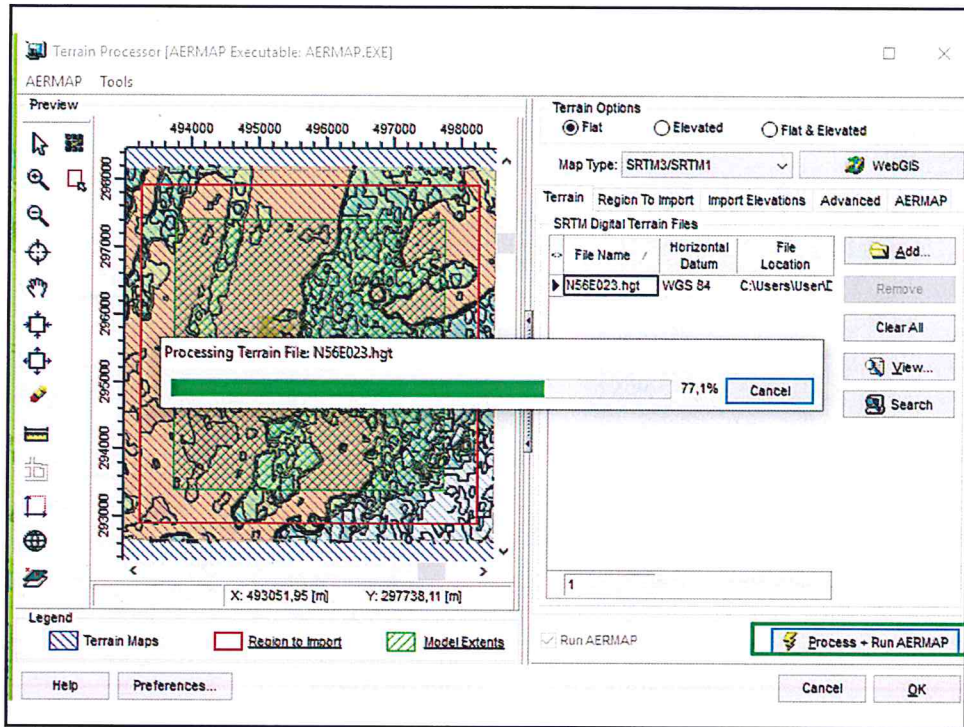
24



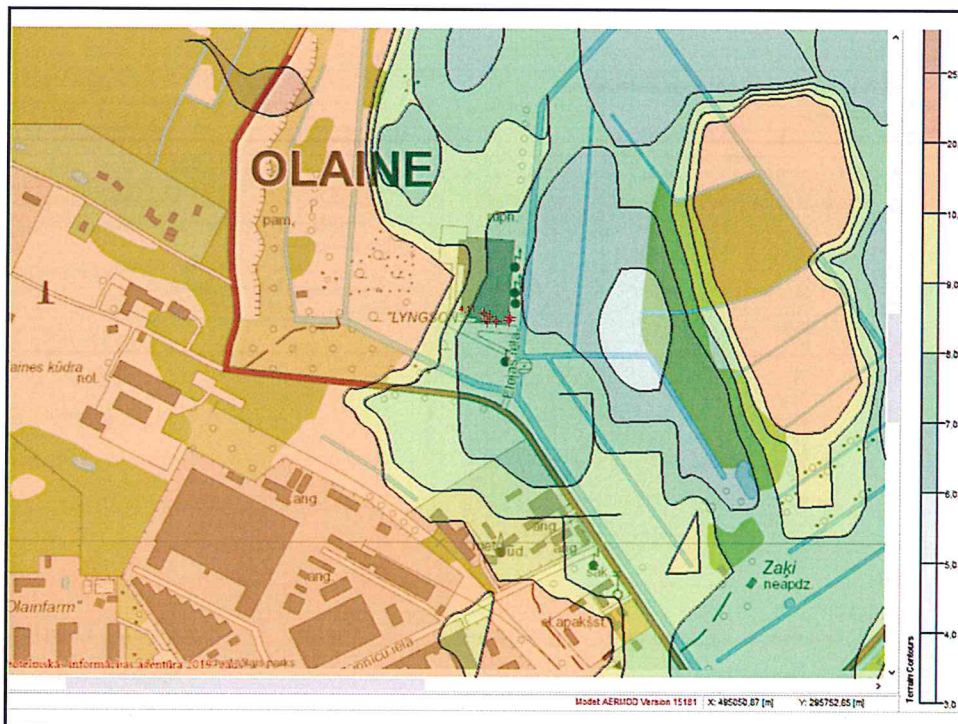
25



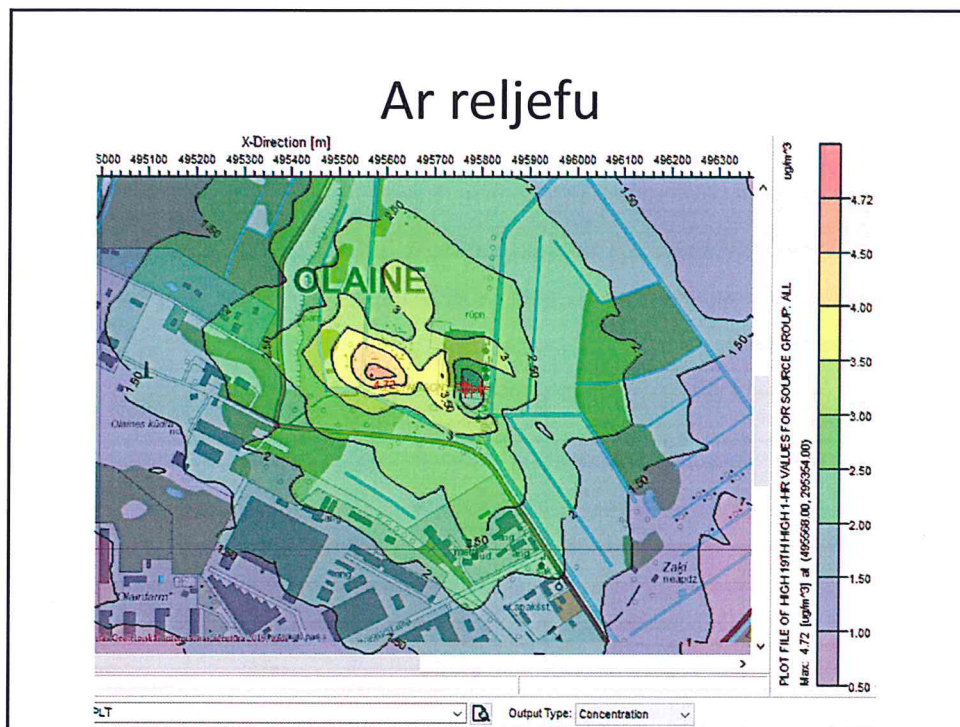
26



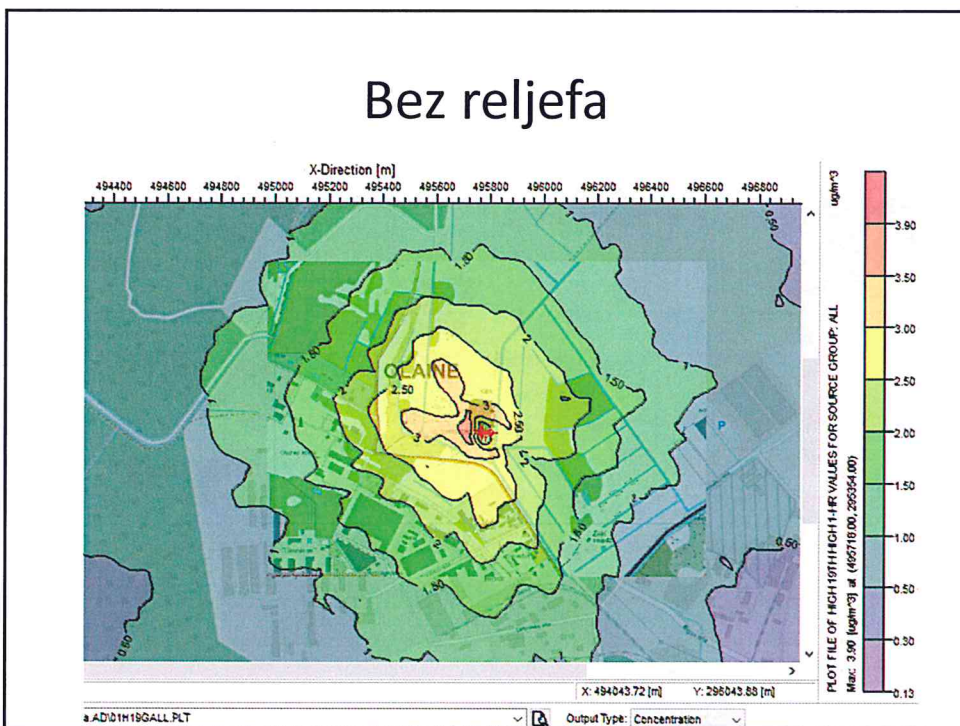
27



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Izdruka par reljefu

Receptor Pathway

AERN

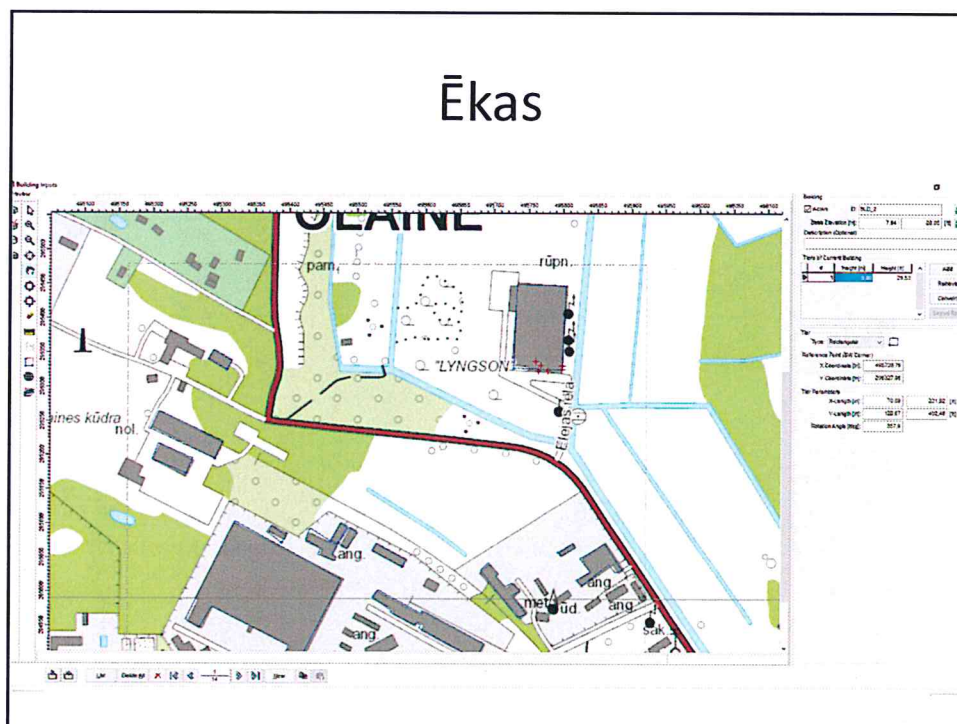
Terrain Elevations and Flagpole Heights for Network Grids

Uniform Cartesian Grid

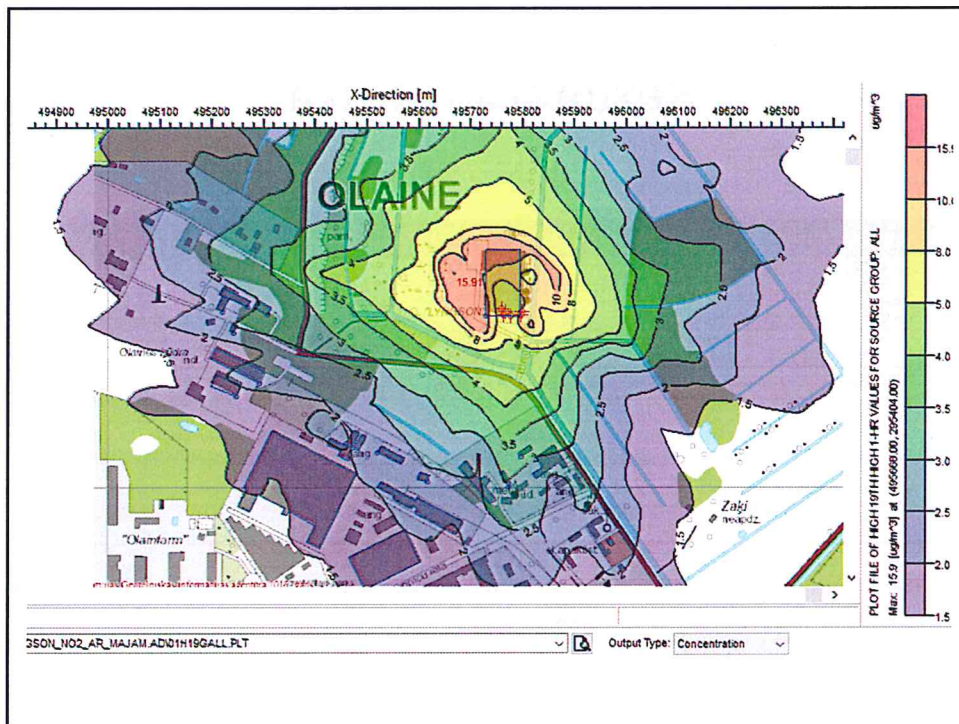
Receptor Network ID	Location: X-Coordinate [m]	Location: Y-Coordinate [m]	Terrain Elevations (Optional)	Flagpole Heights (Optional)
UCART1	493768.00	293404.00	19.10	2.00
	493818.00	293404.00	19.10	2.00
	493868.00	293404.00	18.00	2.00
	493918.00	293404.00	19.10	2.00
	493968.00	293404.00	20.40	2.00
	494018.00	293404.00	21.60	2.00
	494068.00	293404.00	21.60	2.00
	494118.00	293404.00	19.60	2.00
	494168.00	293404.00	18.00	2.00
	494218.00	293404.00	18.00	2.00

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Source Pathway

AERN

Building Downwash Information

Source ID: A1

Heights [m] (10 to 360 deg)						
10-60 deg	0.00	0.00	0.00	0.00	0.00	0.00
70-120 deg	0.00	0.00	0.00	0.00	0.00	0.00
130-180 deg	0.00	0.00	0.00	0.00	0.00	0.00
190-240 deg	0.00	0.00	0.00	0.00	0.00	0.00
250-300 deg	0.00	0.00	0.00	0.00	0.00	0.00
310-360 deg	0.00	0.00	0.00	0.00	0.00	0.00
Widths [m] (10 to 360 deg)						
10-60 deg	88.10	108.91	122.48	134.30	142.06	145.4
70-120 deg	144.51	139.14	129.54	139.14	144.51	145.4
130-180 deg	142.06	134.30	122.48	108.91	88.10	88.62
190-240 deg	88.10	108.91	122.48	134.30	142.06	145.4
250-300 deg	144.51	139.14	129.54	139.14	144.51	145.4
310-360 deg	142.06	134.30	122.48	108.91	88.10	88.62
Lengths [m] (10 to 360 deg)						
10-60 deg	139.14	144.51	145.49	142.06	134.30	122.4
70-120 deg	108.91	88.10	88.62	88.10	108.91	122.4
130-180 deg	134.30	142.06	145.49	144.51	139.14	129.5
190-240 deg	139.14	144.51	145.49	142.06	134.30	122.4
250-300 deg	108.91	88.10	88.62	88.10	108.91	122.4
310-360 deg	134.30	142.06	145.49	144.51	139.14	129.5

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Rezultātu izdruka

Results Summary									
NO2 - Concentration - Source Group: ALL									
Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	24.65955	ug/m ³	495668.00	295404.00	6.15	2.00	6.15	14/02/2016, 21
1-HR	19TH	15.90820	ug/m ³	495668.00	295404.00	6.15	2.00	6.15	10/01/2016, 4
ANNUAL		1.44750	ug/m ³	495768.00	295354.00	6.15	2.00	6.15	

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Operatora datu apstrāde (I)

- No Aermod View eksportē .csv failus un sagatavo darba lapas excel formātā (Dati/ No teksta)

A	B	C	D	E	F
screte Receptor ID (Group Name)	X	Y	Concentration (AVERAGE CONC) [ug/m ³]	Elevation (ZELEV)	Hill Heights (ZHILL)
	493768	293404	0.00129	6.15	6.15
	493818	293404	0.00133	6.15	6.15
	493868	293404	0.00137	6.15	6.15
	493918	293404	0.00143	6.15	6.15
	493968	293404	0.00148	6.15	6.15
	494018	293404	0.00154	6.15	6.15
	494068	293404	0.0016	6.15	6.15
	494118	293404	0.00166	6.15	6.15
	494168	293404	0.00171	6.15	6.15
	494218	293404	0.00176	6.15	6.15
	494268	293404	0.0018	6.15	6.15
	494318	293404	0.00184	6.15	6.15

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Operatora datu apstrāde (II)

- Izmantojot opciju – levietošana / Raksturtabula, tiek sagatavota operatora radītā piesārņojuma izklājums

Sum of Concentration [AVERAGE CONC] [ug/m³]	Column Labels										
Row Labels	493768	493818	493868	493918	493968	494018	494068	494118	494168	494218	
297404	0,18491	0,15176	0,14064	0,19209	0,1733	0,17597	0,17545	0,16967	0,166	0,15611	
297354	0,17337	0,19204	0,15711	0,15118	0,20658	0,17403	0,18251	0,1928	0,17831	0,16415	
297304	0,20548	0,18127	0,19958	0,16273	0,16265	0,22234	0,17459	0,18485	0,20017	0,18109	
297254	0,23282	0,21382	0,18969	0,20757	0,16865	0,17515	0,23182	0,17497	0,1871	0,20295	
297204	0,23865	0,24121	0,22267	0,19868	0,21605	0,17488	0,18878	0,23394	0,18409	0,19371	
297154	0,2522	0,25231	0,24998	0,23209	0,20829	0,22611	0,18144	0,20366	0,23589	0,2026	
297104	0,27393	0,26339	0,26692	0,25924	0,24211	0,21857	0,23572	0,18835	0,21992	0,23764	
297054	0,26006	0,28562	0,27553	0,27774	0,26903	0,2528	0,2296	0,24594	0,19563	0,2377	
297004	0,25572	0,26128	0,2976	0,28804	0,2869	0,27941	0,26421	0,24145	0,25682	0,20332	
296954	0,23038	0,25868	0,26226	0,30905	0,30045	0,29656	0,2886	0,27641	0,25419	0,26843	
296904	0,22125	0,24753	0,26148	0,26687	0,32027	0,3161	0,30675	0,29775	0,28948	0,26792	
296854	0,26899	0,24301	0,26606	0,26405	0,28736	0,32139	0,33162	0,3175	0,3084	0,3035	
296804	0,28050	0,2737	0,26838	0,27076	0,26637	0,29071	0,27474	0,24824	0,22172	0,23771	

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Fons + operators (I)

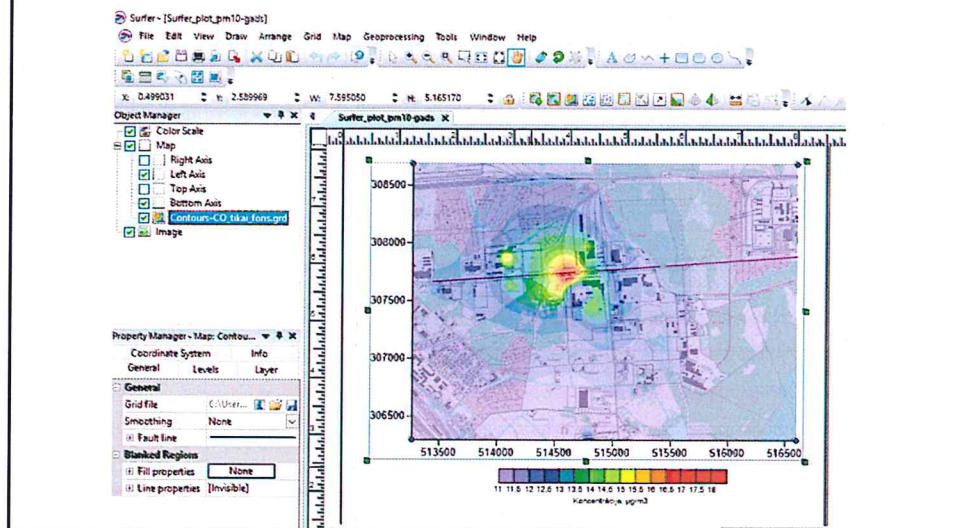
- LVĢMC fona dati – excel formātā tiek summēti kopā ar Aermod View operatora izvaddatiem

AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	A
8.80461	8.675009	8.495748	8.496187	8.593125	8.48784	8.196481	7.751983	7.268089	6.83806	6.452755	6.086555	5.
9.980613	9.968336	9.230884	9.096241	9.276126	9.366989	9.166696	8.657188	8.044942	7.498868	6.997535	6.507997	6.0
9.75487	10.197	10.08048	10.08736	10.27677	10.54829	10.45449	9.903218	9.129329	8.410647	7.711902	7.016672	6.3
10.35688	11.23267	11.64135	11.72025	12.00095	12.17461	12.20886	11.72495	10.74792	9.722338	8.650638	7.611148	6.7
11.24417	12.81254	13.88625	14.09366	14.21641	14.32229	15.21687	15.33827	13.9148	12.05169	9.994672	8.260968	7.0
12.02821	14.60503	16.92245	17.15939	16.88323	17.60112	19.44224	21.27843	19.22909	15.31097	11.62974	8.970915	7.4
12.36689	15.54245	19.82329	19.79628	18.54325	20.29373	25.87172	33.89091	31.92903	20.51326	13.23928	9.708437	7.6
12.13491	14.34438	15.32585	11.32929	14.75591	20.45188	31.6061	60.74312	55.46276	26.90711	14.02171	9.815164	7.6
10.90493	12.38556	10.40588	7.719344	11.54257	17.70098	24.40183	55.96038	67.05329	22.11547	13.89363	9.989356	7.
8.932872	9.278505	8.435996	8.125491	11.67261	14.06262	15.30363	17.96047	19.03505	15.98485	12.41302	9.728137	7.9
7.402455	7.685626	7.811441	8.39599	10.21221	11.42289	11.59407	11.38596	12.27345	12.61636	10.62176	8.726936	7.4
6.504229	6.843808	7.109715	7.698194	8.659412	9.34918	9.48424	9.696207	10.31117	10.46082	9.458487	7.95234	6.9
5.94734	6.25012	6.521554	7.002696	7.572267	7.927818	8.103777	8.586255	8.959718	8.884005	8.425961	7.496531	6.6
5.558787	5.817177	6.078665	6.43854	6.770352	6.972175	7.233164	7.749183	7.972759	7.836106	7.599164	7.056001	6.3
5.267692	5.4948	5.720089	5.984471	6.179826	6.339286	6.655515	7.103663	7.239275	7.092343	6.915445	6.63164	6.1

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Fons + operators (II)

- Kartogrāfiskā materiāla sagatavošanai tie izmantota programma «Surfer»



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Paldies par uzmanību!



VIDES EKSPERTI
konsultācijas un risinājumi

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