



Carbon budget model – CBM-CFS3

Drugi del: Uporaba stratifikacije gozda pri modeliranju; modeliranje gozdne sestave in sečnje

Life Podnebna pot 2050 – Climate Path 2050

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Primer Simulacije za Slovenijo

- Vhodni podatki
 - Inventurna baza Zavod za gozdove 2014
 - Razdelitev oddelkov v gozdne tipe glede na prevladujočo gozdno združbo (Kategorizacija po Kutnar in sod., 2012)
 - Podatki o poseku TIMBER ZGS 2005 – 2014
 - Prirastne krivulje (doc. dr. Matija Klopčič)

Primer Simulacije za Slovenijo

CBM Standard Import Tool

Paths Import Default Parameter Settings Project Creation

Import File Configuration

☐ Create a new import file configuration called:

☒ Use existing:

ruls_EU Delete

Mapping Rules

☐ Create a new set of mapping rules called:

☒ Use existing:

ruls_EU Delete

[Click here to start a Woodstock to CBM Standard Import Tool conversion](#)

Names and paths of data to import

Age classes	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	AgeClass
Disturbance Types	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	DisturbanceTypeID
Classifiers and Values	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	Classifiers and ValuesClass
Inventory	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	Inventory
Yields	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	Growth and Yield
Transition Rules	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	Transition rules
Disturbance Events	C:\Users\Jernej\Projekt\CBM\Inventura 2014\Rezultati\Fin	...	Disturbance events

☒ Add missing classifier values

Cancel Next



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Table Tools Database_Inv2014_BAU : Database- C:\Users\...

File Home Create External Data Database Tools Help Fields Table Tell me what you want to do

Views Clipboard Sort & Filter Records Find

Tables

Search...

AgeClass

Classifiers and ValuesCl...

Disturbance events

DisturbanceTypeID

Growth and Yield

Inventory

Transition rules

AgeClassID	Size
AGEID00	0
AGEID01	20
AGEID02	20
AGEID03	20
AGEID04	20
AGEID05	20
AGEID06	20
AGEID07	20
AGEID08	20
AGEID09	20
*	

Primer Simulacije za Slovenijo

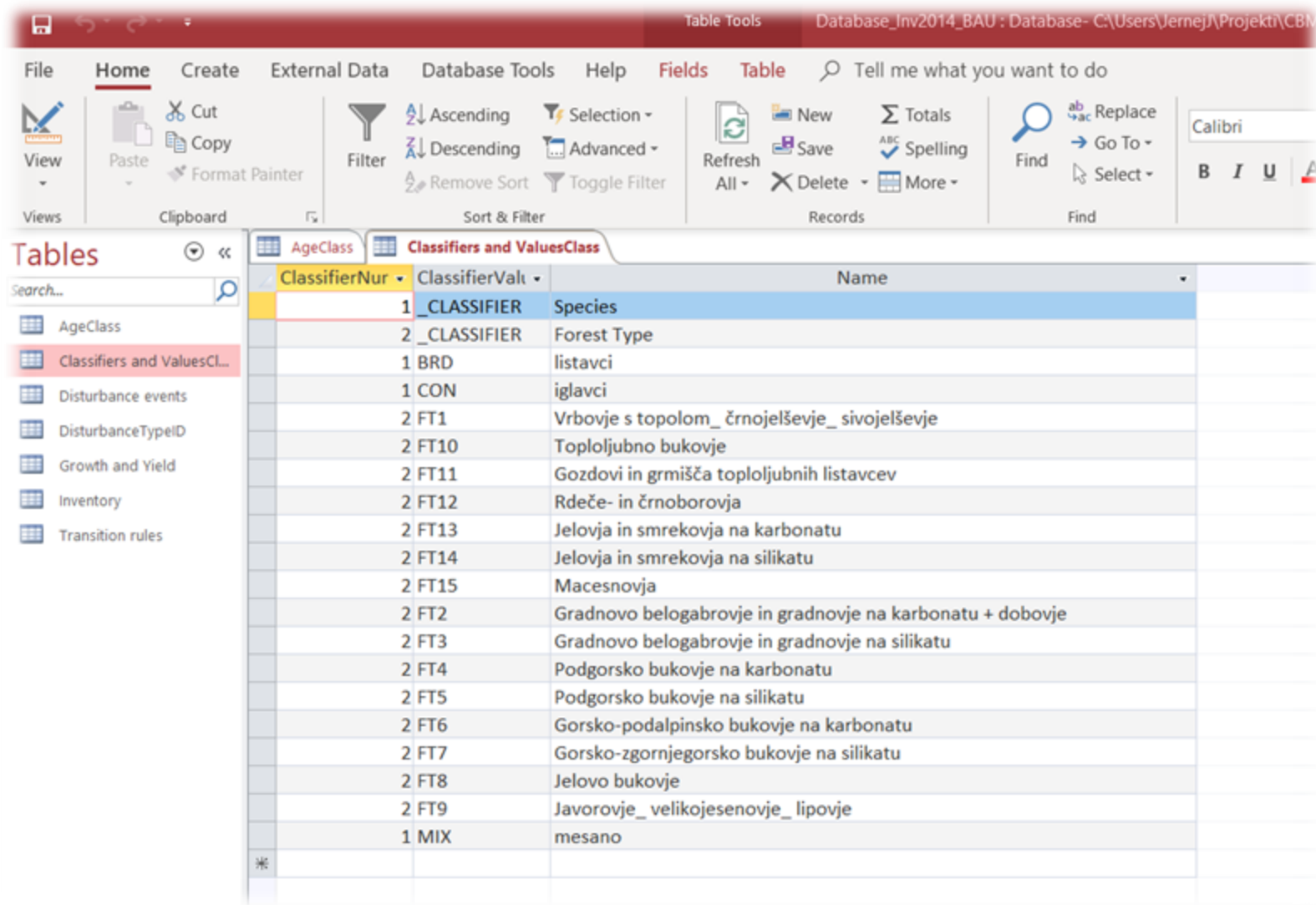


Table Tools Database_Inv2014_BAU : Database- C:\Users\Jernej\Projekti\CBM

File Home Create External Data Database Tools Help Fields Table Tell me what you want to do

Views Clipboard Sort & Filter Records Find

Tables

Search...

AgeClass

Classifiers and ValuesCL...

Disturbance events

DisturbanceTypeID

Growth and Yield

Inventory

Transition rules

ClassifierNur	ClassifierVal	Name
1	_CLASSIFIER	Species
2	_CLASSIFIER	Forest Type
1	BRD	listavci
1	CON	iglavci
2	FT1	Vrbovje s topolom_ črnojelševje_ sivojelševje
2	FT10	Toploljubno bukovje
2	FT11	Gozdovi in grmišča toploljubnih listavcev
2	FT12	Rdeče- in črnoborovja
2	FT13	Jelovja in smrekovja na karbonatu
2	FT14	Jelovja in smrekovja na silikatu
2	FT15	Macesnovja
2	FT2	Gradново belogabrovje in gradnovje na karbonatu + dobovje
2	FT3	Gradново belogabrovje in gradnovje na silikatu
2	FT4	Podgorsko bukovje na karbonatu
2	FT5	Podgorsko bukovje na silikatu
2	FT6	Gorsko-podalpinsko bukovje na karbonatu
2	FT7	Gorsko-zgornjegorsko bukovje na silikatu
2	FT8	Jelovo bukovje
2	FT9	Javorovje_ velikojesenovje_ lipovje
1	MIX	mesano



Primer Simulacije za Slovenijo

Database Inv2014_PP1_share : Database- C:\Users\Jernej\Projekti\CBM\Inventura 2014\Rezultati\Final DBs\Database Inv2014_PP1_share... Jernej Jevšenak

File

Home

Create

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Database Tools

Help

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Table

Tell me what you want to do

View

Paste

Format Painter

Filter

Ascending

Descending

Remove Sort

Selection

Advanced

Toggle Filter

Refresh

All

Delete

More

New

Save

Totals

Spelling

More

Find

Replace

Go To

Select

Calibri

11

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Primer Simulacije za Slovenijo

File Home Create External Data Database Tools Help Fields Table Tell me what you want to do

View

Paste

Format Painter

Clipboard

Filter

Sort & Filter

Records

Find

Find

Text Formatting

Tables

Inventory

1	2	UsingID	Age	Area	Delay	UNFCCCL	HistDist	LastDist
CON	FT10	Yes AGEID05	147	0	0	DISTID2	DISTID1	
CON	FT10	Yes AGEID06	58	0	0	DISTID2	DISTID1	
CON	FT11	Yes AGEID03	43	0	0	DISTID2	DISTID1	
CON	FT11	Yes AGEID04	402	0	0	DISTID2	DISTID1	
CON	FT11	Yes AGEID05	692	0	0	DISTID2	DISTID1	
CON	FT11	Yes AGEID06	270	0	0	DISTID2	DISTID1	
CON	FT11	Yes AGEID07	34	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID01	62	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID02	128	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID03	286	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID04	206	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID05	46	0	0	DISTID2	DISTID1	
CON	FT12	Yes AGEID06	7	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID02	34	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID03	65	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID04	112	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID05	360	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID06	375	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID07	56	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID08	77	0	0	DISTID2	DISTID1	
CON	FT13	Yes AGEID09	124	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID01	33	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID02	90	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID03	353	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID04	1097	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID05	1254	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID06	275	0	0	DISTID2	DISTID1	
CON	FT14	Yes AGEID07	17	0	0	DISTID2	DISTID1	
CON	FT15	Yes AGEID01	528	0	0	DISTID2	DISTID1	
CON	FT15	Yes AGEID02	121	0	0	DISTID2	DISTID1	

Record 14 of 306



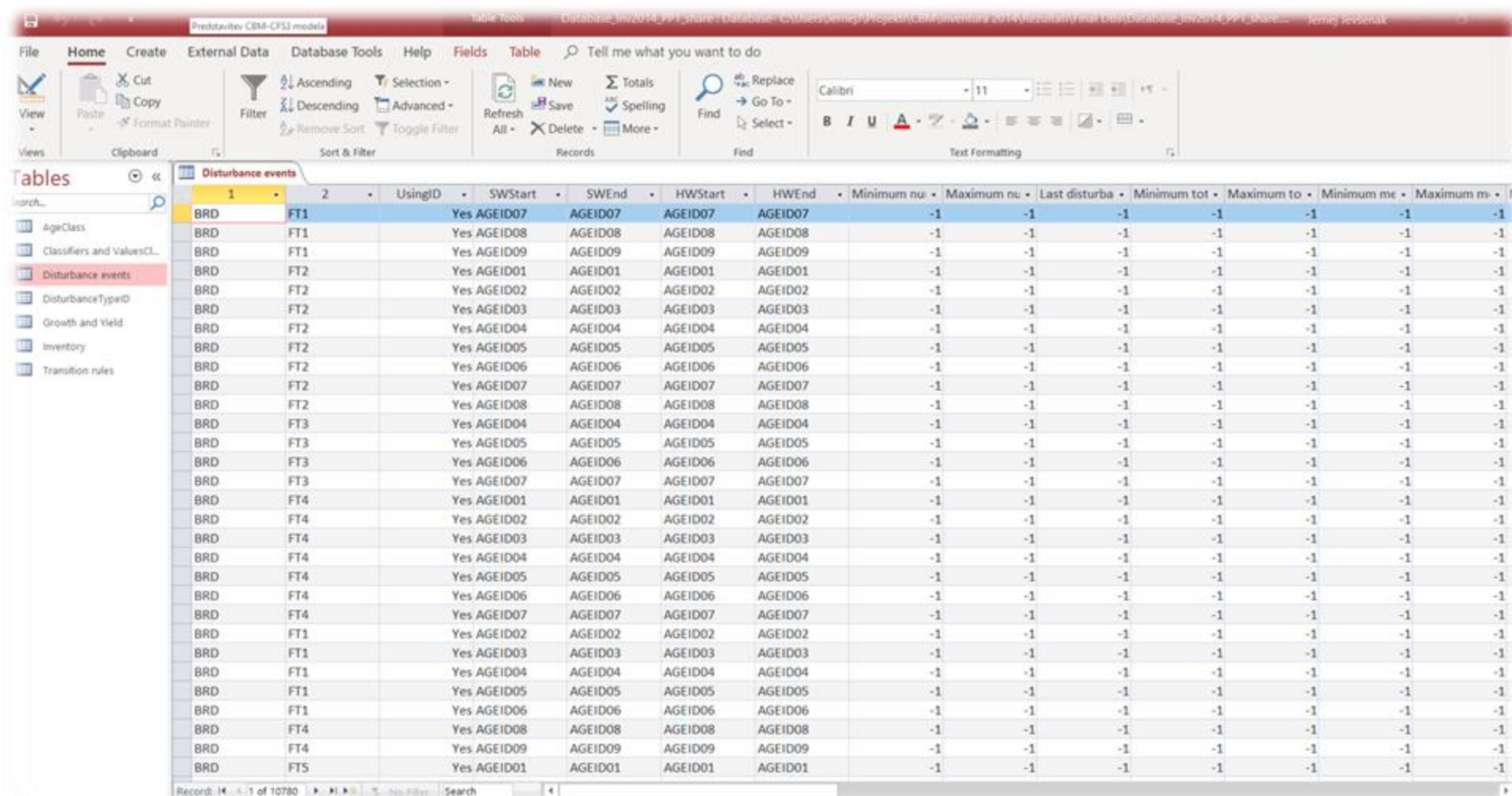
Primer Simulacije za Slovenijo

The screenshot shows the Microsoft Access interface with the 'Disturbance events' table selected. The table contains four records of disturbance types. The 'DisturbanceTypeID' field is highlighted in red in the left-hand pane.

DisturbanceTypeID	Name
DISTID1	Partial Cutting
DISTID2	Defoliating insect
DISTID3	Forest Fire
DISTID4	Spruce Beetle 2

Record: 1 of 4

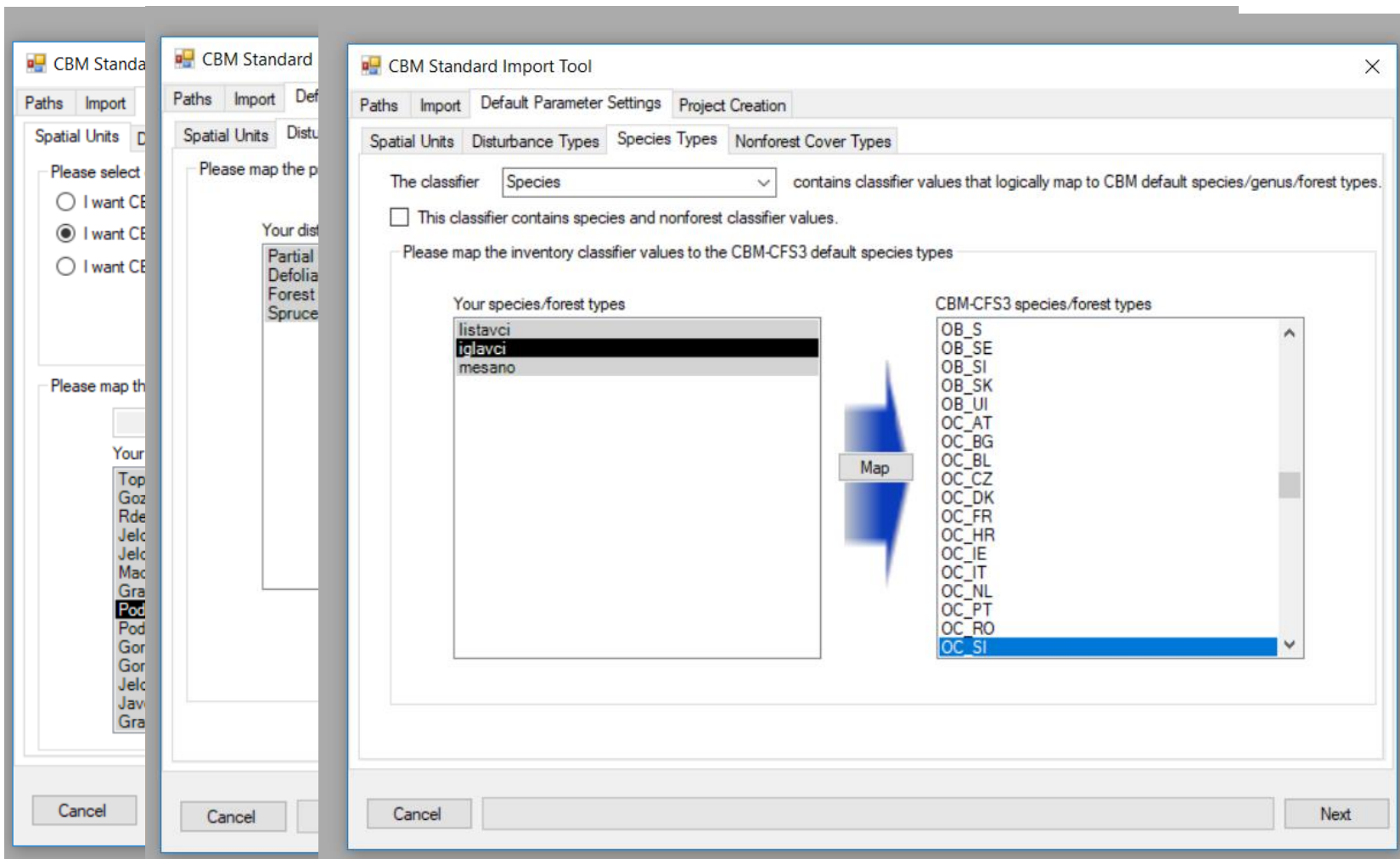
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The screenshot shows a Microsoft Access database window titled "Predstavitveni CBM-CFS3 modela". The "Tables" pane on the left lists several tables, with "Disturbance events" selected. The main window displays a table with the following columns: 1, 2, UsingID, SWStart, SWEnd, HWStart, HWEnd, Minimum nu, Maximum nu, Last disturba, Minimum tot, Maximum to, Minimum me, and Maximum m. The table contains 30 rows of data, all with a value of -1 in the numerical columns.

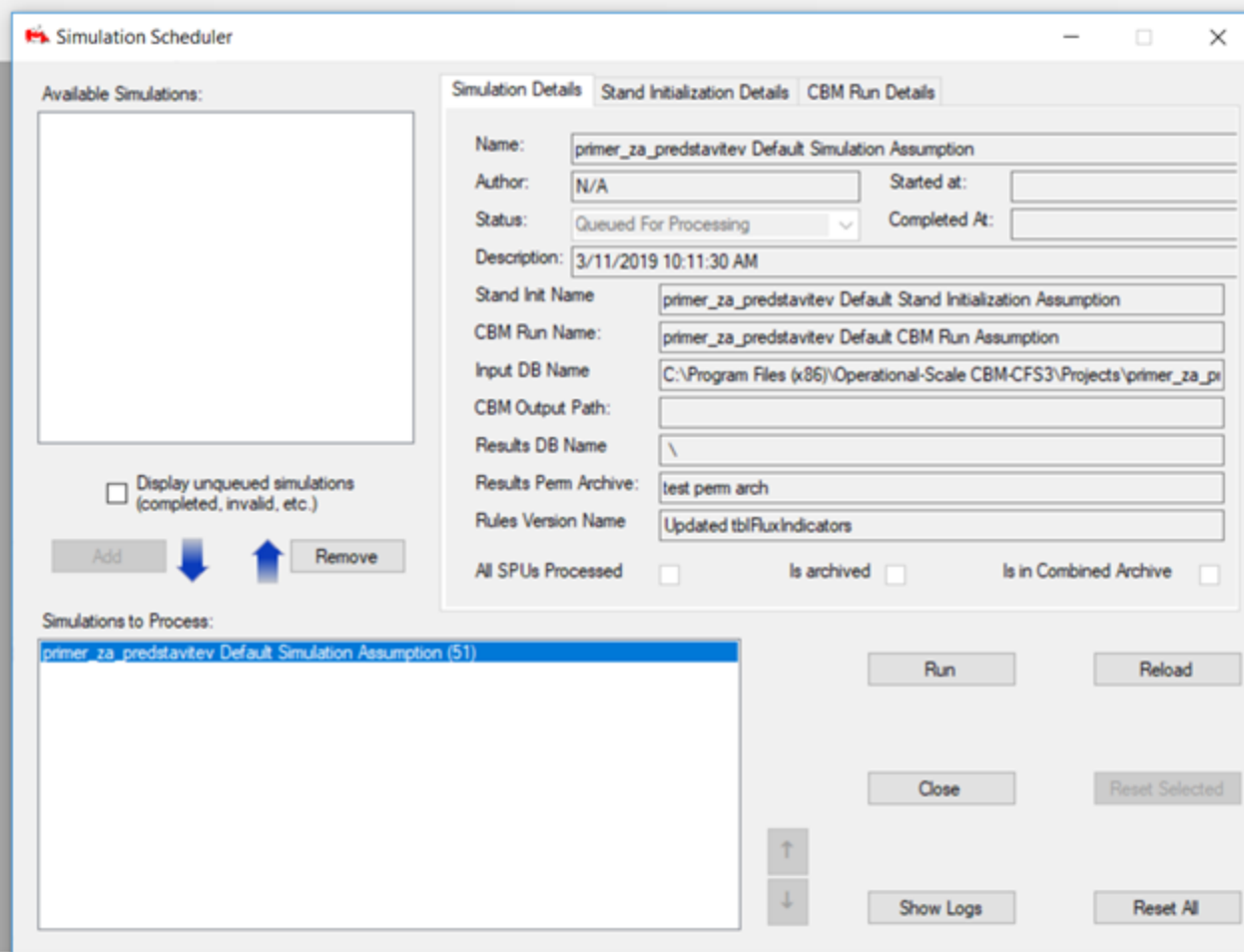
1	2	UsingID	SWStart	SWEnd	HWStart	HWEnd	Minimum nu	Maximum nu	Last disturba	Minimum tot	Maximum to	Minimum me	Maximum m
BRD	FT1	Yes AGEID07	AGEID07	AGEID07	AGEID07	AGEID07	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID08	AGEID08	AGEID08	AGEID08	AGEID08	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID09	AGEID09	AGEID09	AGEID09	AGEID09	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID01	AGEID01	AGEID01	AGEID01	AGEID01	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID02	AGEID02	AGEID02	AGEID02	AGEID02	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID03	AGEID03	AGEID03	AGEID03	AGEID03	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID04	AGEID04	AGEID04	AGEID04	AGEID04	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID05	AGEID05	AGEID05	AGEID05	AGEID05	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID06	AGEID06	AGEID06	AGEID06	AGEID06	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID07	AGEID07	AGEID07	AGEID07	AGEID07	-1	-1	-1	-1	-1	-1	-1
BRD	FT2	Yes AGEID08	AGEID08	AGEID08	AGEID08	AGEID08	-1	-1	-1	-1	-1	-1	-1
BRD	FT3	Yes AGEID04	AGEID04	AGEID04	AGEID04	AGEID04	-1	-1	-1	-1	-1	-1	-1
BRD	FT3	Yes AGEID05	AGEID05	AGEID05	AGEID05	AGEID05	-1	-1	-1	-1	-1	-1	-1
BRD	FT3	Yes AGEID06	AGEID06	AGEID06	AGEID06	AGEID06	-1	-1	-1	-1	-1	-1	-1
BRD	FT3	Yes AGEID07	AGEID07	AGEID07	AGEID07	AGEID07	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID01	AGEID01	AGEID01	AGEID01	AGEID01	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID02	AGEID02	AGEID02	AGEID02	AGEID02	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID03	AGEID03	AGEID03	AGEID03	AGEID03	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID04	AGEID04	AGEID04	AGEID04	AGEID04	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID05	AGEID05	AGEID05	AGEID05	AGEID05	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID06	AGEID06	AGEID06	AGEID06	AGEID06	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID07	AGEID07	AGEID07	AGEID07	AGEID07	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID02	AGEID02	AGEID02	AGEID02	AGEID02	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID03	AGEID03	AGEID03	AGEID03	AGEID03	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID04	AGEID04	AGEID04	AGEID04	AGEID04	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID05	AGEID05	AGEID05	AGEID05	AGEID05	-1	-1	-1	-1	-1	-1	-1
BRD	FT1	Yes AGEID06	AGEID06	AGEID06	AGEID06	AGEID06	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID08	AGEID08	AGEID08	AGEID08	AGEID08	-1	-1	-1	-1	-1	-1	-1
BRD	FT4	Yes AGEID09	AGEID09	AGEID09	AGEID09	AGEID09	-1	-1	-1	-1	-1	-1	-1
BRD	FT5	Yes AGEID01	AGEID01	AGEID01	AGEID01	AGEID01	-1	-1	-1	-1	-1	-1	-1

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Primer Simulacije za Slovenijo

Files (x86)\Operational-Scale CBM-CFS3\Projects\primer_za_predstavitev\primer_za_predstavitev.mdb



The image shows a screenshot of the 'Simulation Scheduler' application window. The window has a title bar with a red icon and the text 'Simulation Scheduler'. It contains several tabs: 'Simulation Details', 'Stand Initialization Details', and 'CBM Run Details'. The 'Simulation Details' tab is active, showing fields for Name, Author, Status, Description, Stand Init Name, CBM Run Name, Input DB Name, CBM Output Path, Results DB Name, Results Perm Archive, Rules Version Name, and checkboxes for 'All SPUs Processed', 'Is archived', and 'Is in Combined Archive'. The 'Available Simulations' section on the left is empty, with a checkbox for 'Display unqueued simulations (completed, invalid, etc.)' and buttons for 'Add', 'Remove', and 'Simulations to Process'. The 'Simulations to Process' section at the bottom left shows a list with one item: 'primer_za_predstavitev Default Simulation Assumption (51)'. On the right side of the window, there are buttons for 'Run', 'Reload', 'Close', 'Reset Selected', 'Show Logs', and 'Reset All'.

Simulation Scheduler

Available Simulations:

☐ Display unqueued simulations (completed, invalid, etc.)

Add ↓ ↑ Remove

Simulations to Process:

primer_za_predstavitev Default Simulation Assumption (51)

Simulation Details | Stand Initialization Details | CBM Run Details

Name: primer_za_predstavitev Default Simulation Assumption

Author: N/A

Status: Queued For Processing

Description: 3/11/2019 10:11:30 AM

Stand Init Name: primer_za_predstavitev Default Stand Initialization Assumption

CBM Run Name: primer_za_predstavitev Default CBM Run Assumption

Input DB Name: C:\Program Files (x86)\Operational-Scale CBM-CFS3\Projects\primer_za_pi

CBM Output Path:

Results DB Name: \

Results Perm Archive: test perm arch

Rules Version Name: Updated tblFluxIndicators

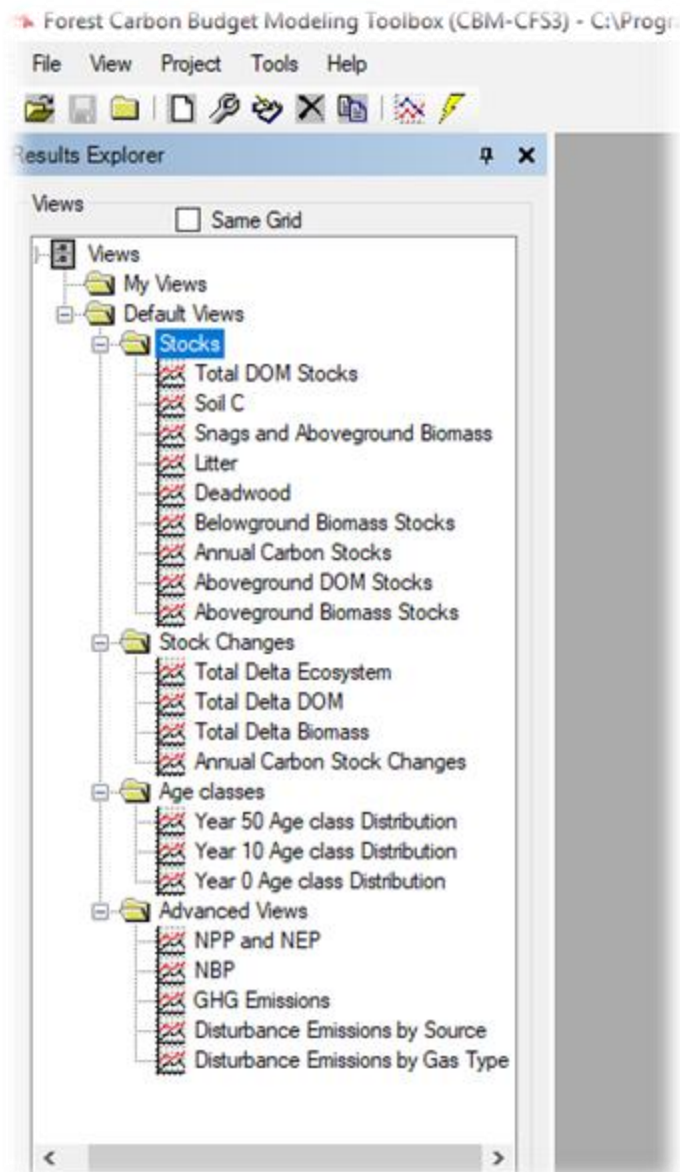
All SPUs Processed ☐ Is archived ☐ Is in Combined Archive ☐

Run Reload

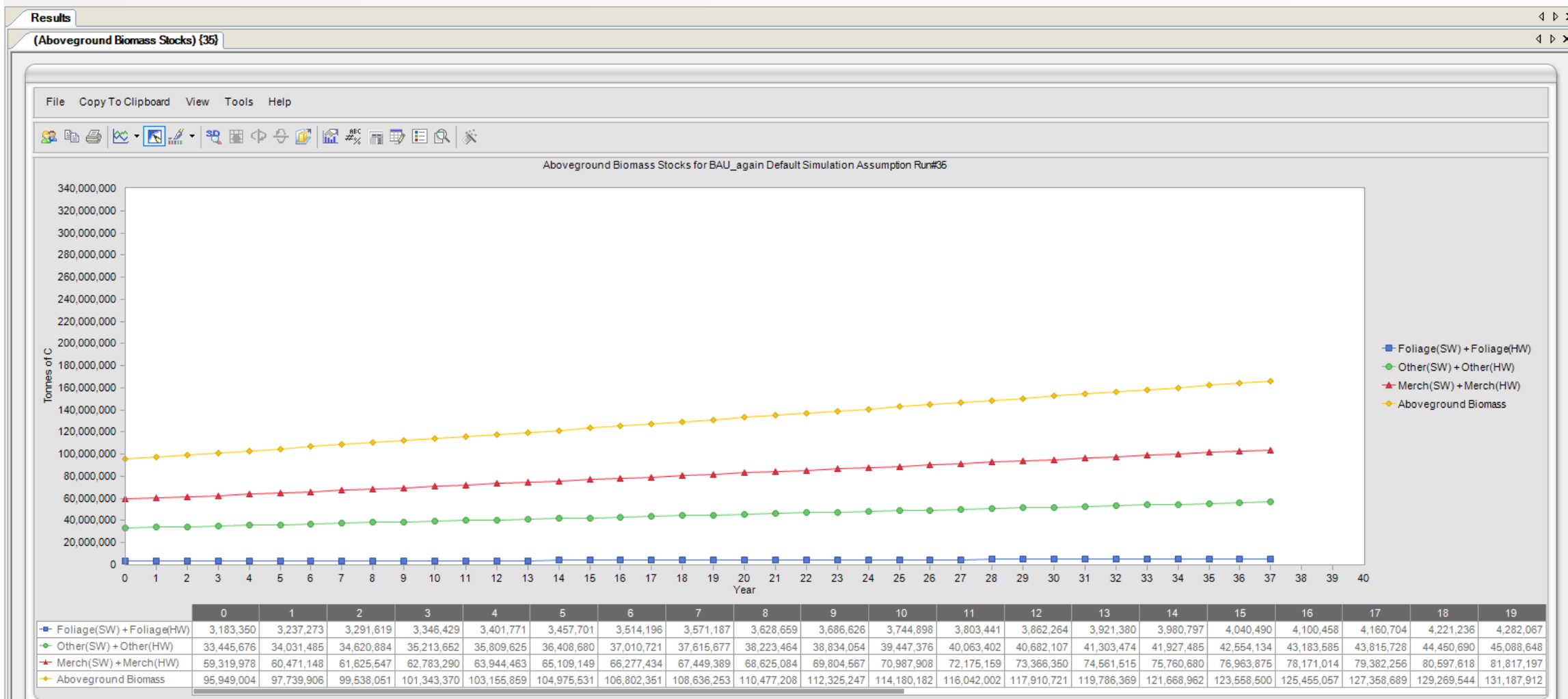
Close Reset Selected

Show Logs Reset All

Primer Simulacije za Slovenijo

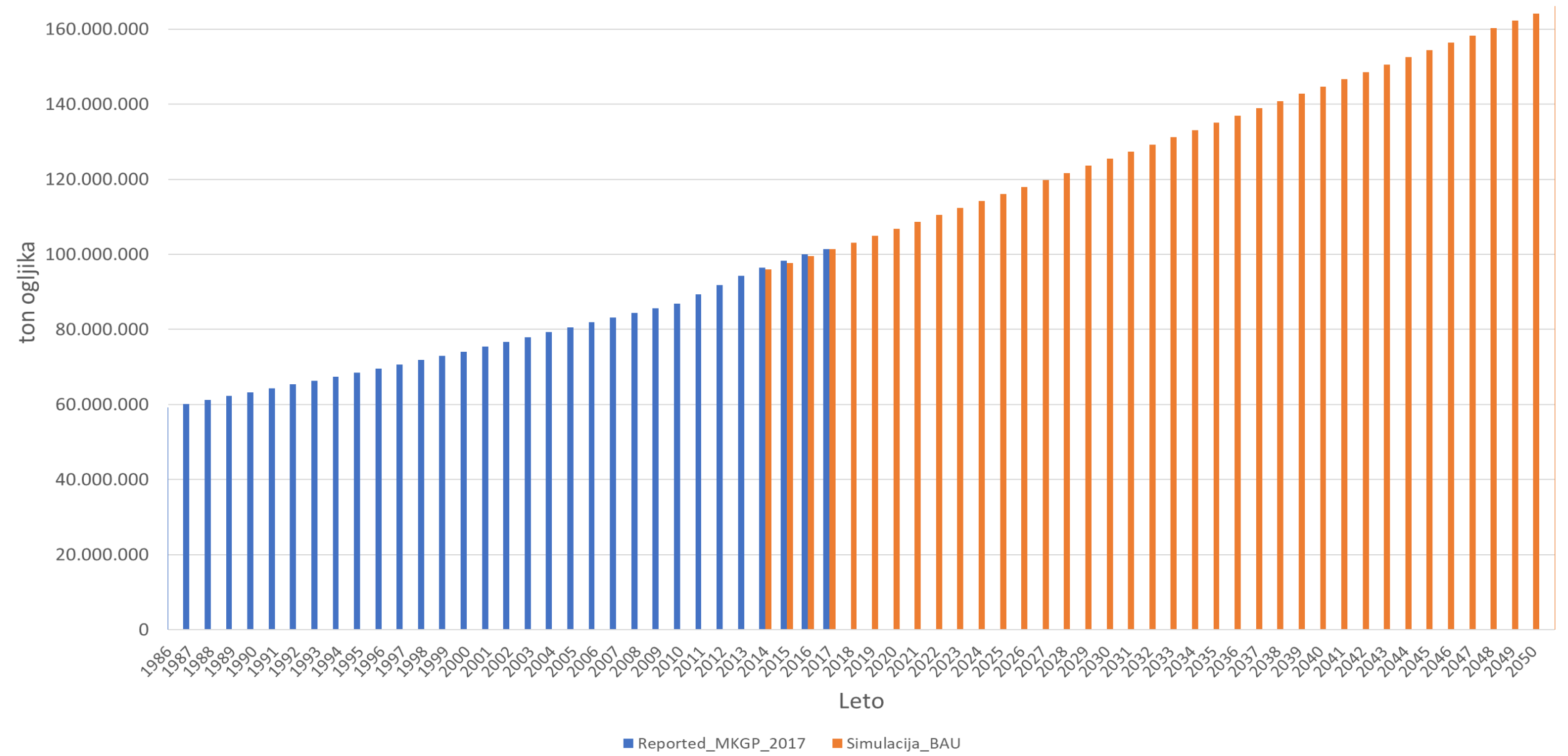


Primer Simulacije za Slovenijo





Primerjava MKGP - CBM Nadzemna biomasa





Primerjava MKGP - CBM Podzemna biomasa

