Interreg
EUROPEAN UNION
Danube Transnational Programme
DanubeSediment

Annex 1: Time series of monthly suspended sediment loads at the gauging stations

Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

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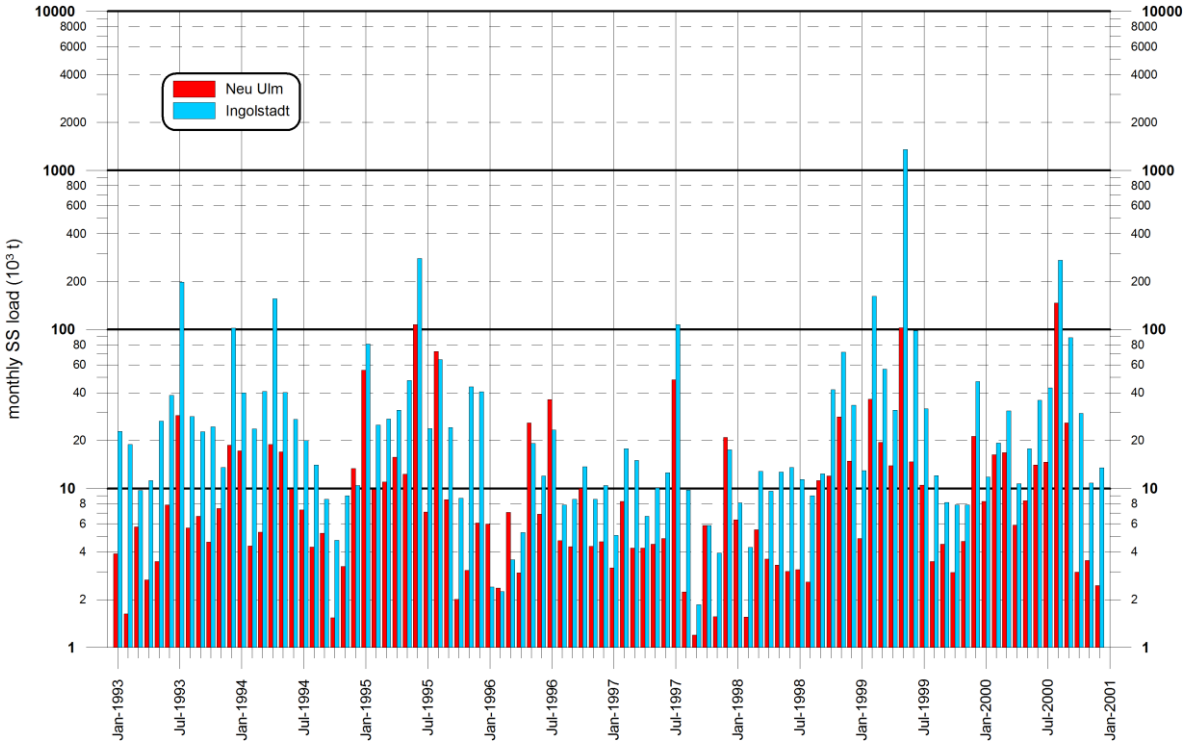
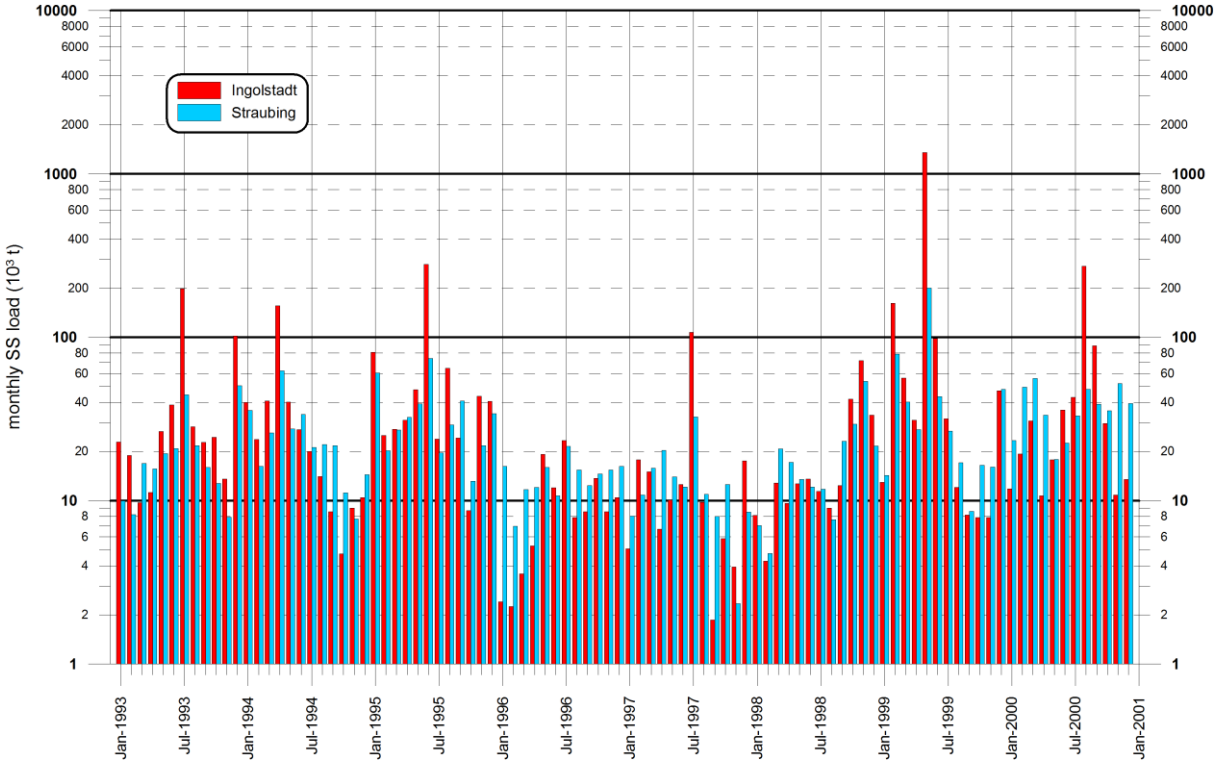
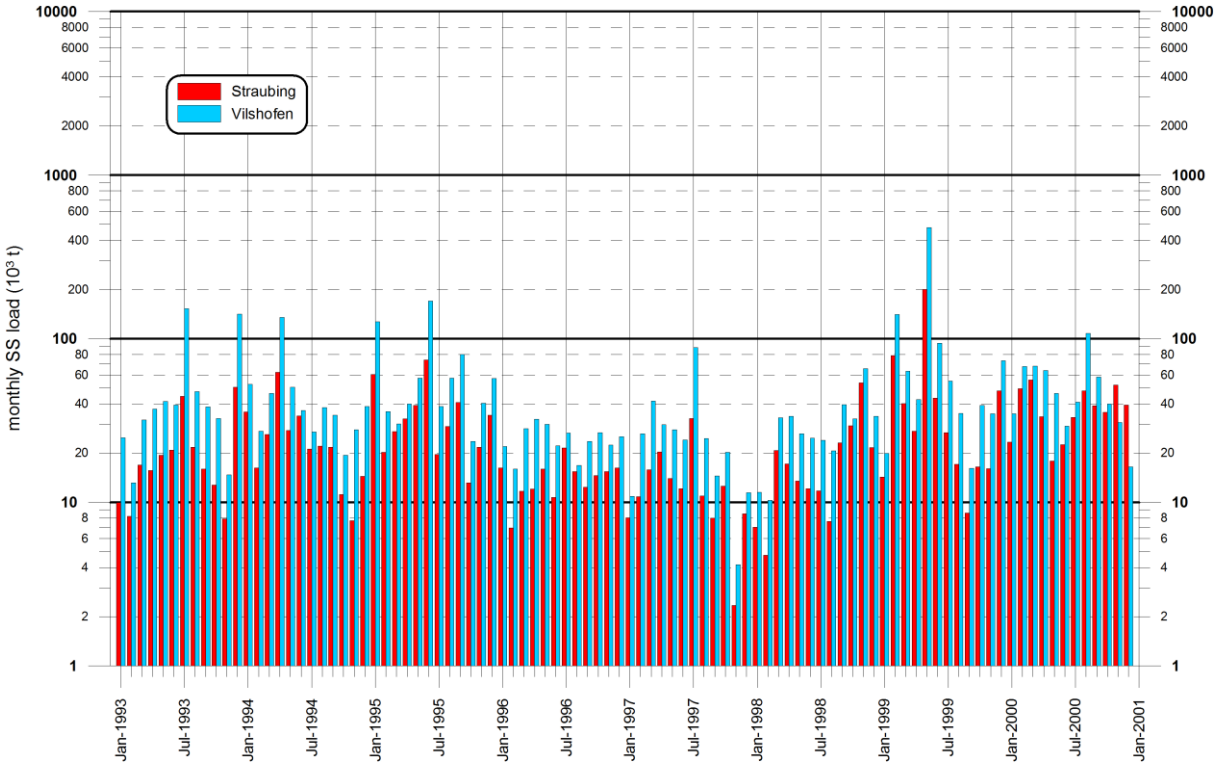
Annex 1: Time series of monthly suspended sediment loads at the gauging stations






Straubing
Vilshofen
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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Jan-1997
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Jan-1998
Jul-1998
Jan-1999
Jul-1999
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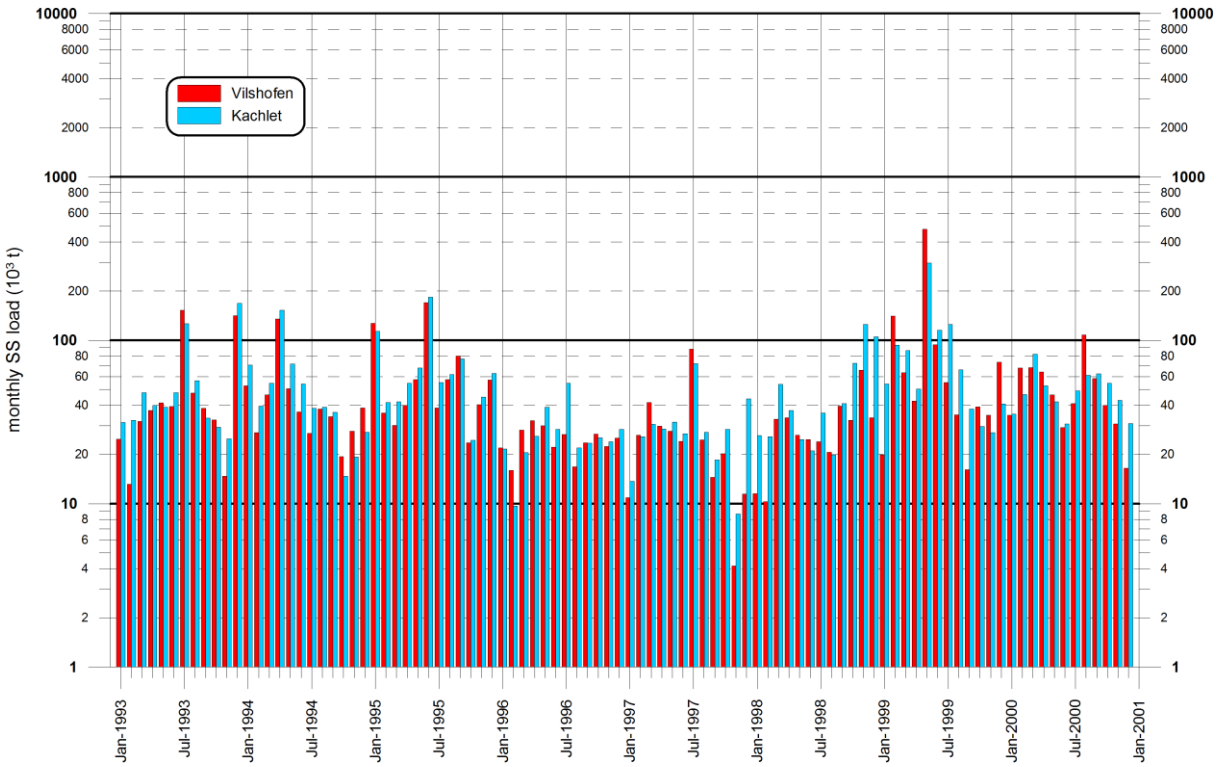
Jul-2000
Jan-2001


Vilshofen
Kachlet
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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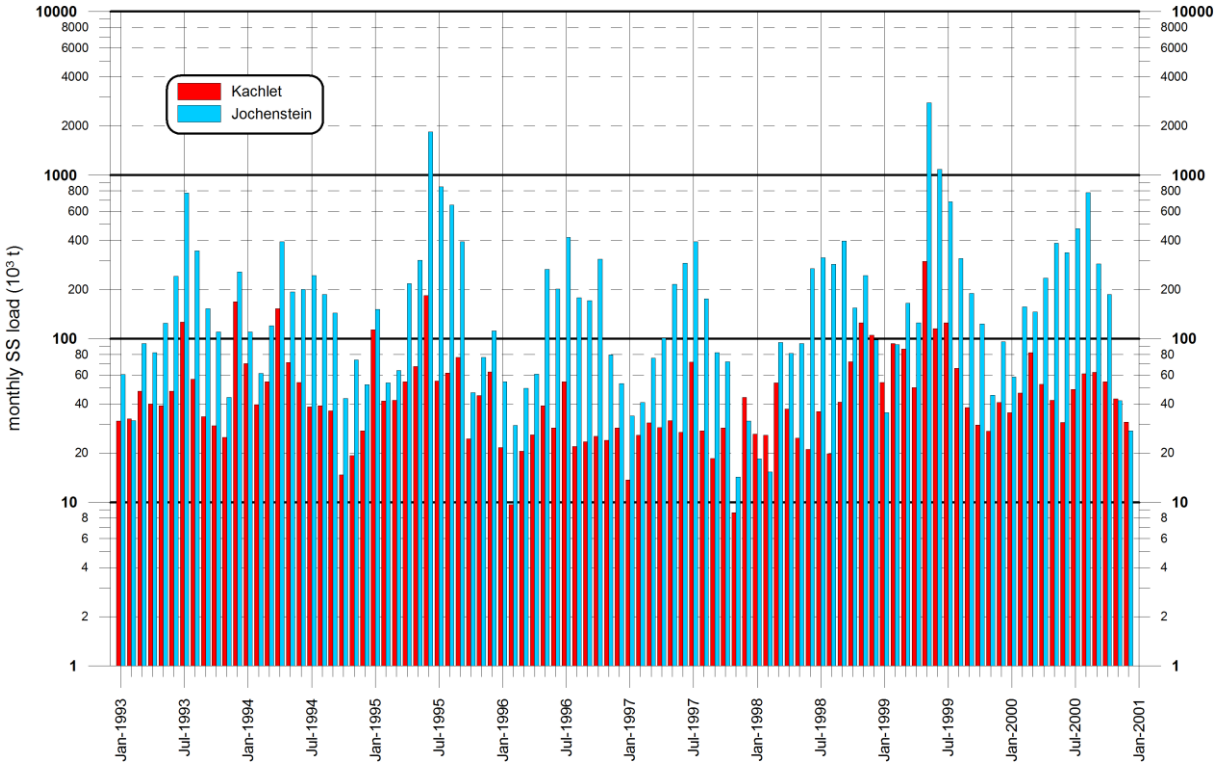
Jul-2000
Jan-2001


Kachlet
Jochenstein
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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Jul-1998
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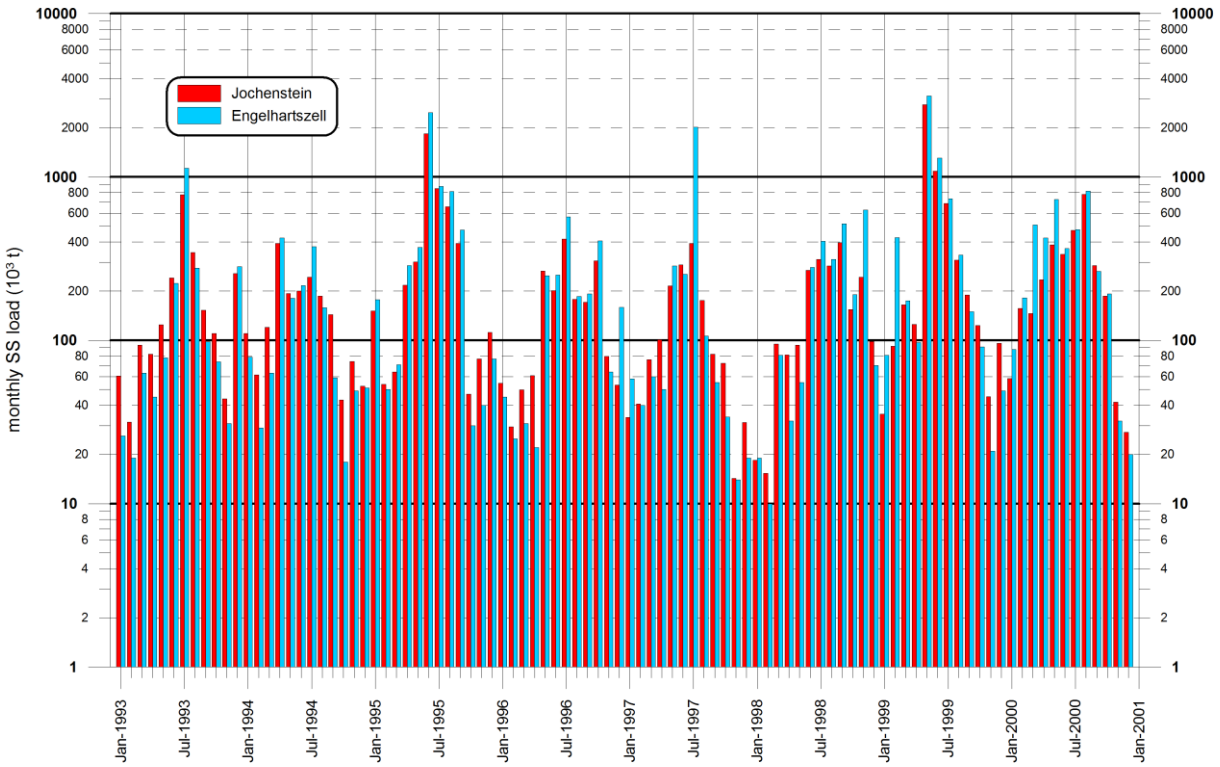
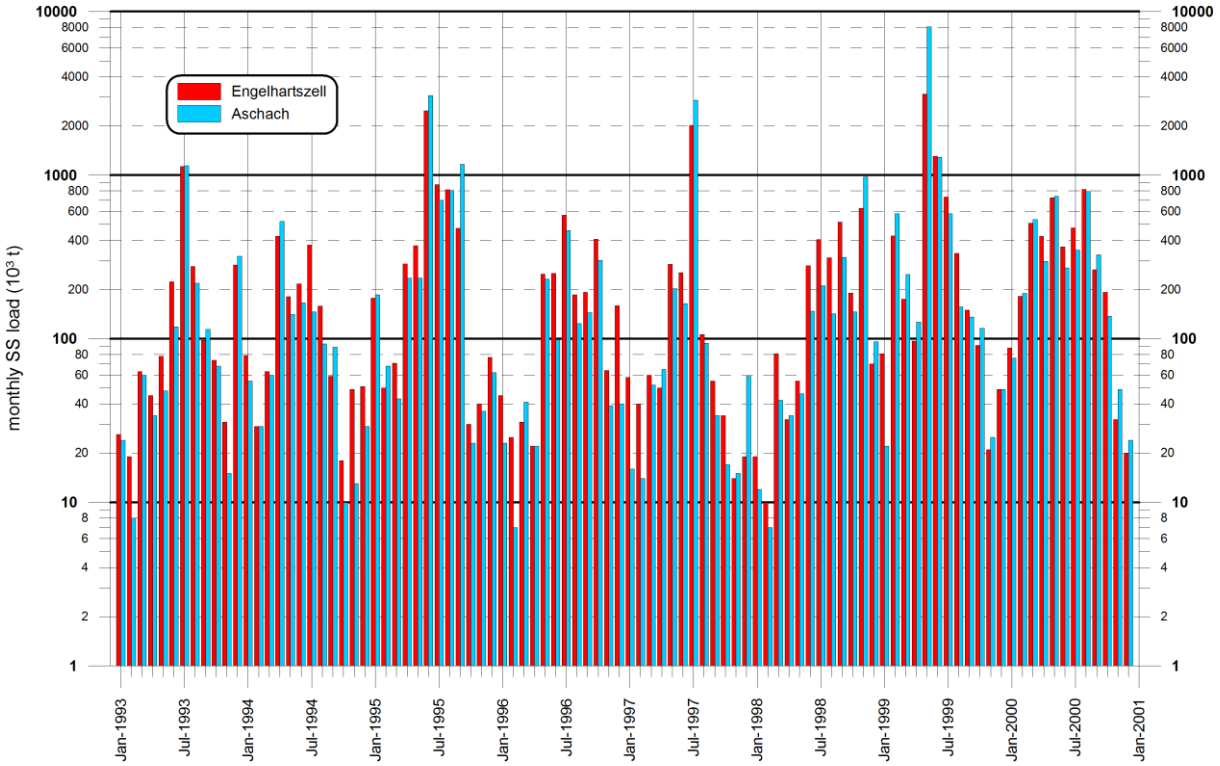
Jan-2001


Jochenstein
Engelhartszell
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Engelhartszell
Aschach
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
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Jan-1997
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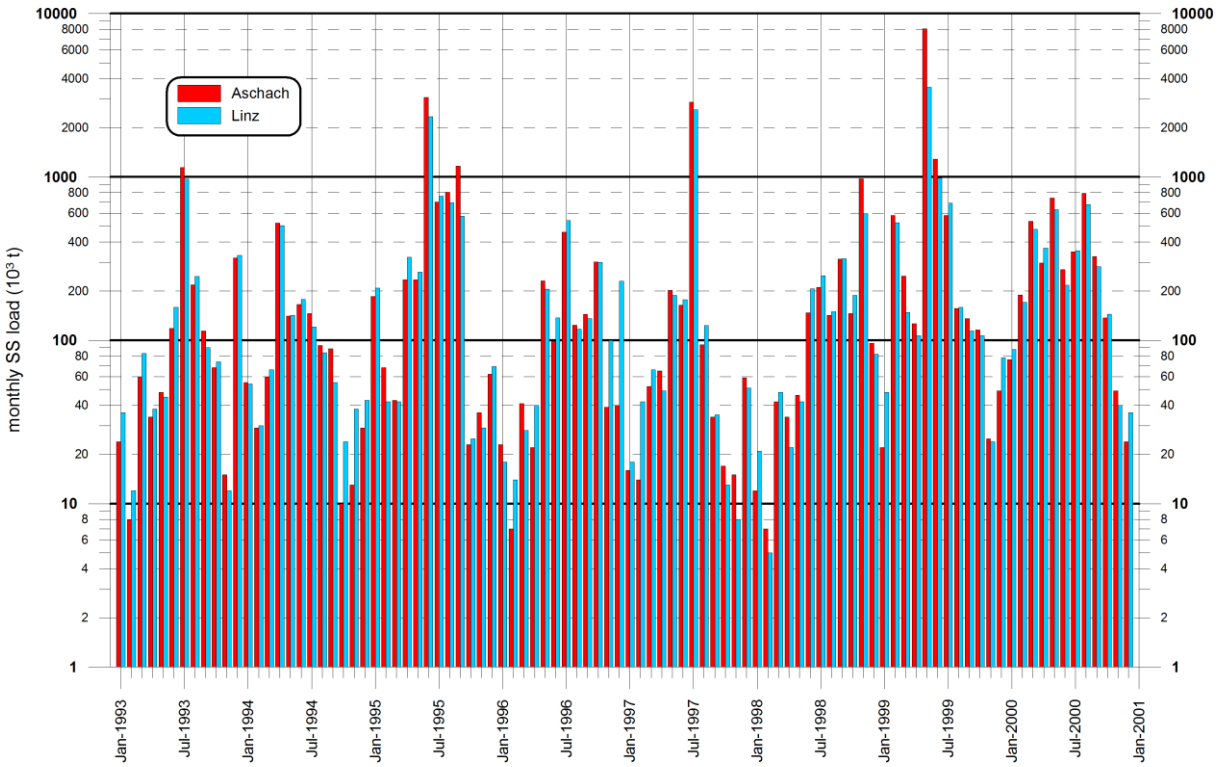
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Aschach
Linz
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
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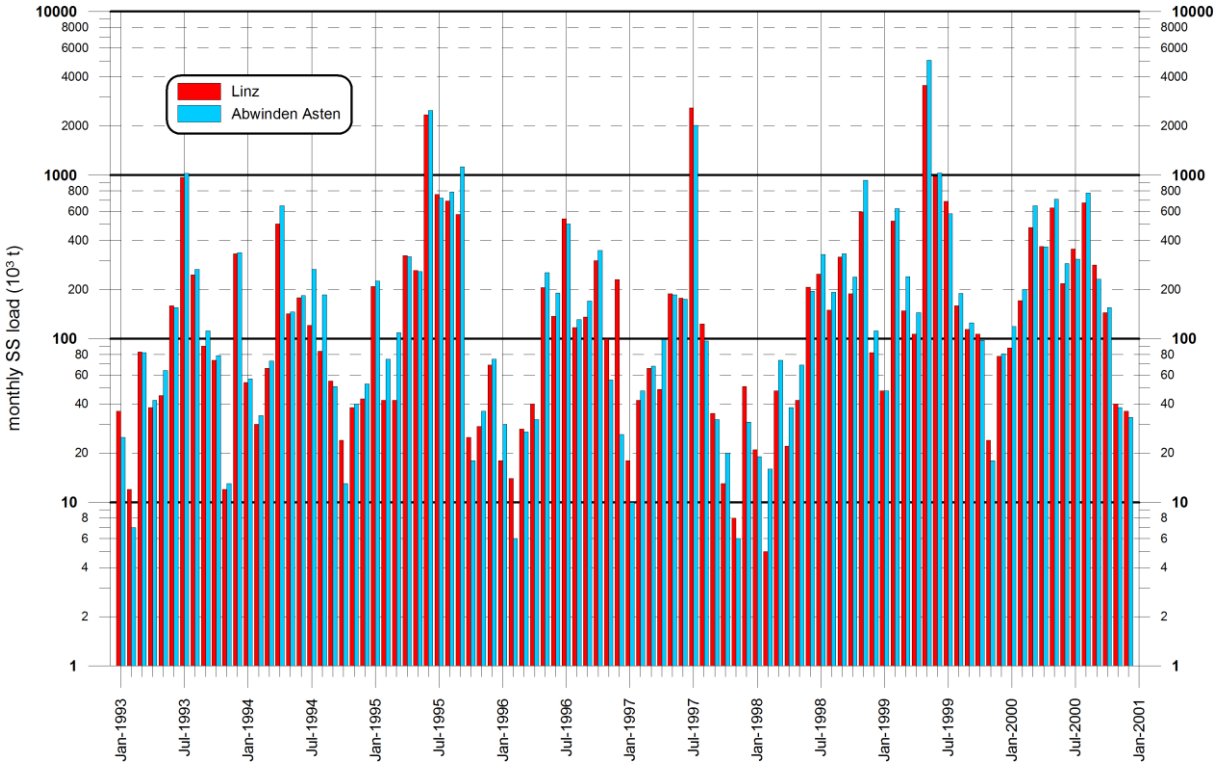
Jan-2001


Linz
Abwinden Asten
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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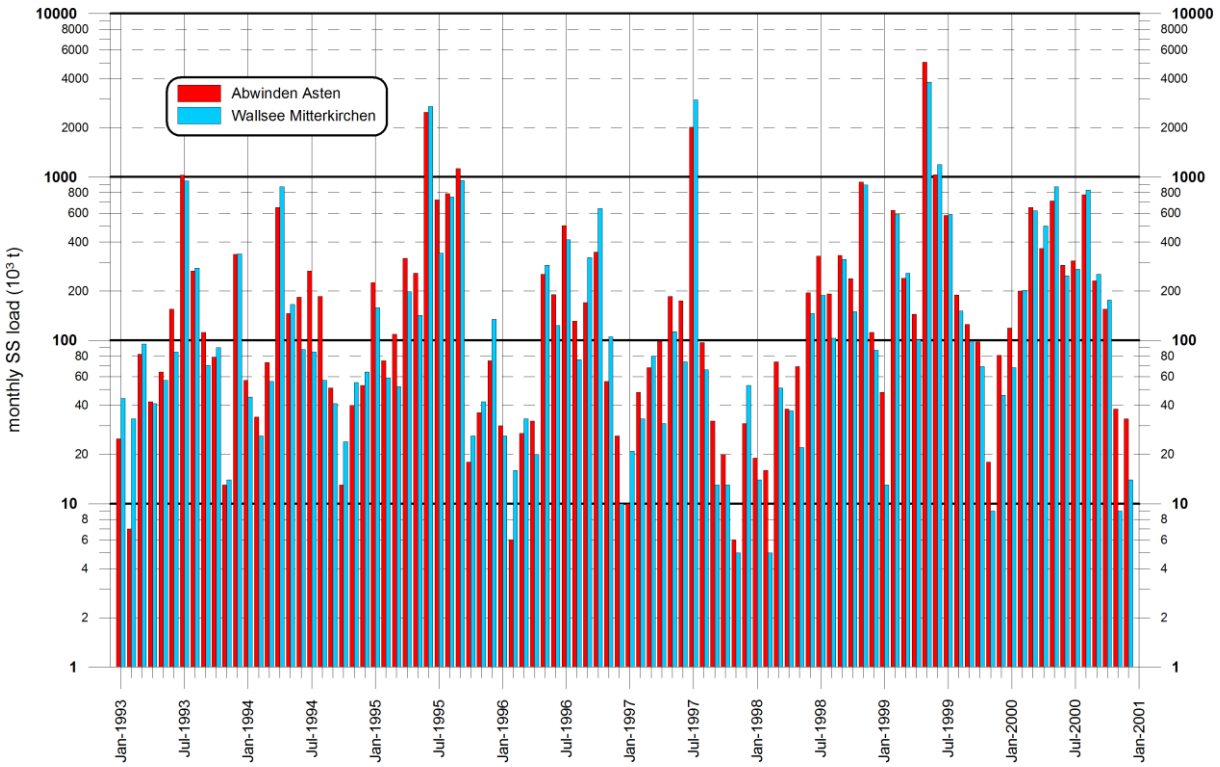
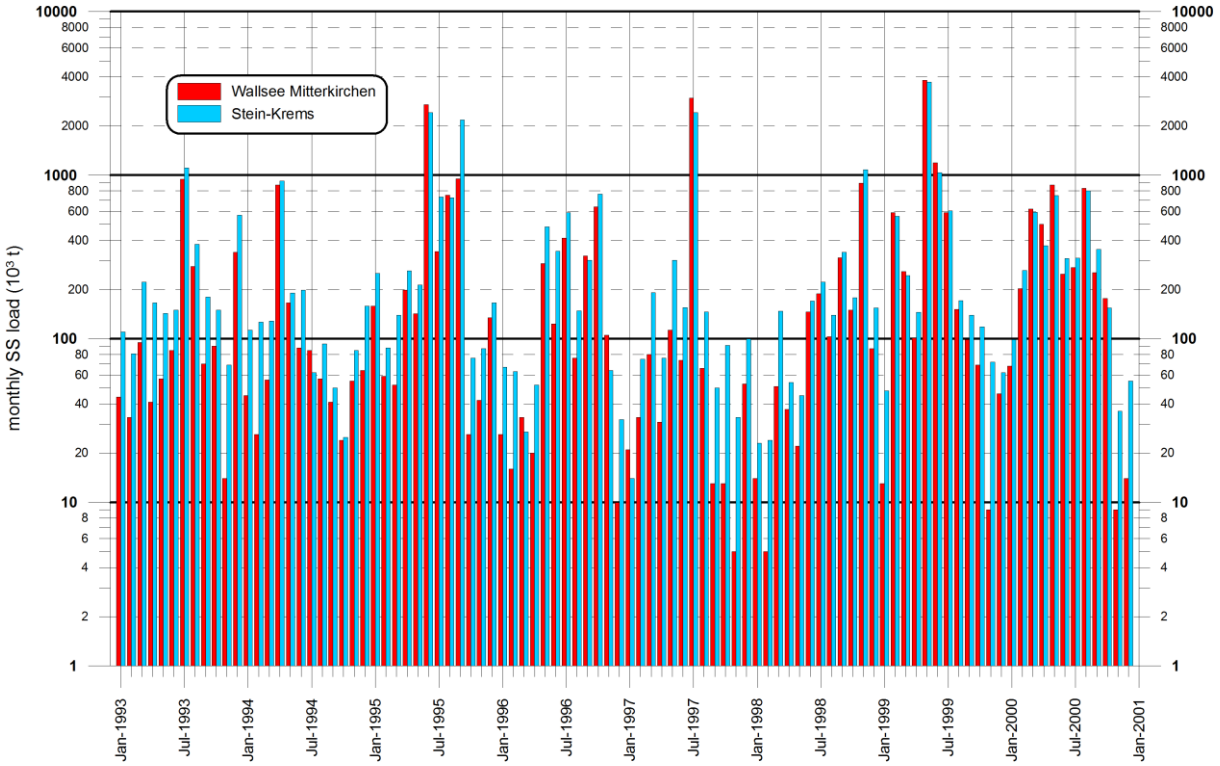
Jul-2000
Jan-2001


Abwinden Asten
Wallsee Mitterkirchen
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Wallsee Mitterkirchen
Stein-Krems
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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Jul-1996
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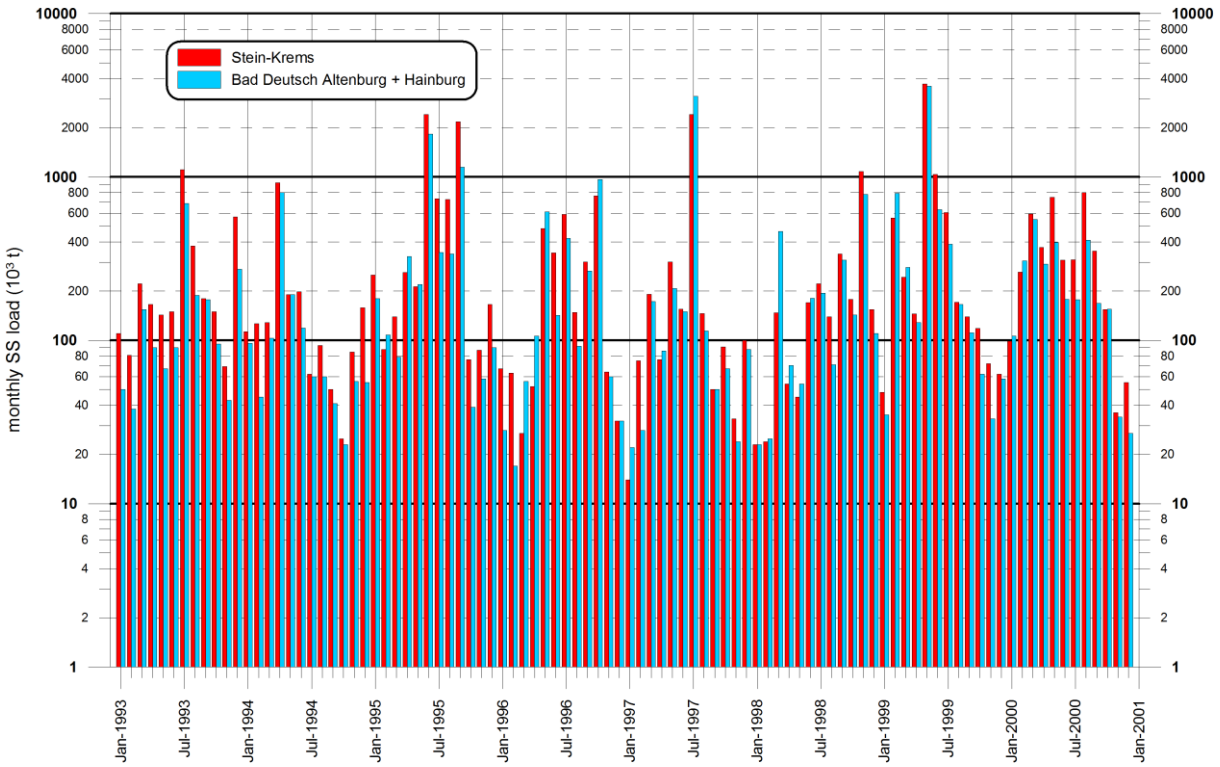
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Stein-Krems
Bad Deutsch Altenburg + Hainburg
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
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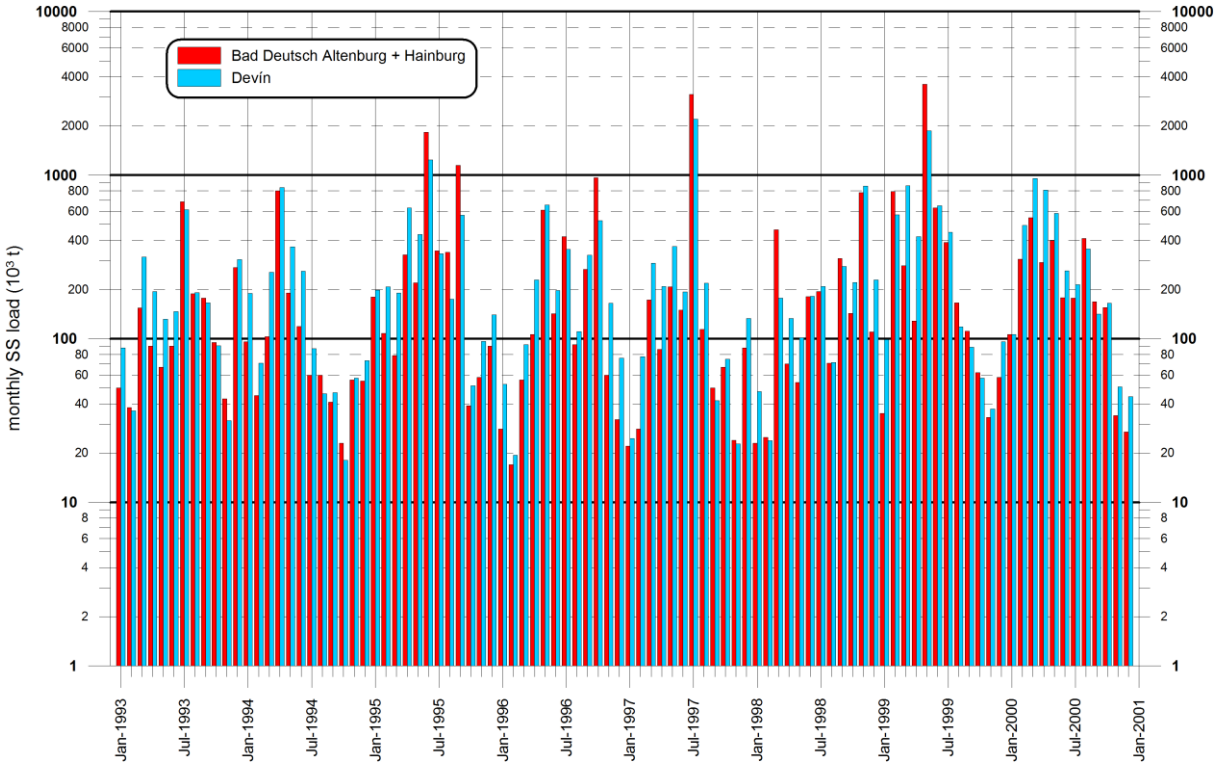
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Bad Deutsch Altenburg + Hainburg
Devín
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
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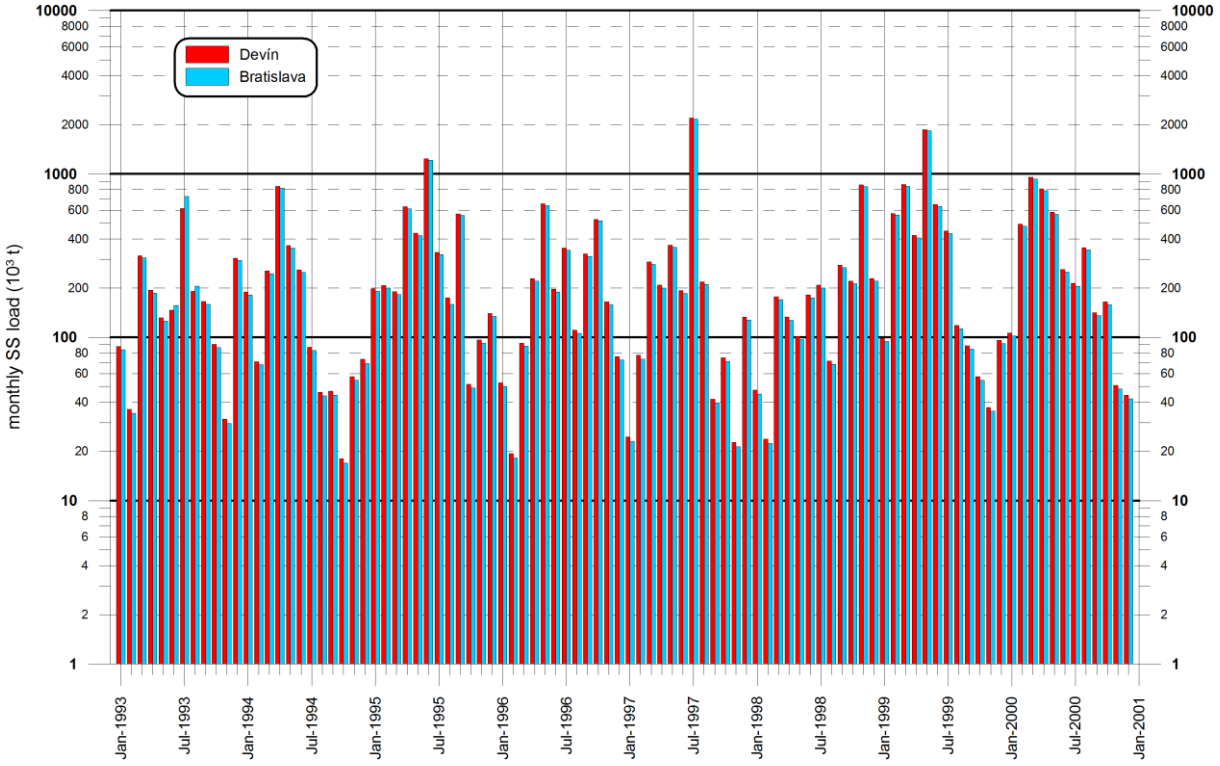
Jan-2000
Jul-2000
Jan-2001


Devín
Bratislava
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
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Jul-1999
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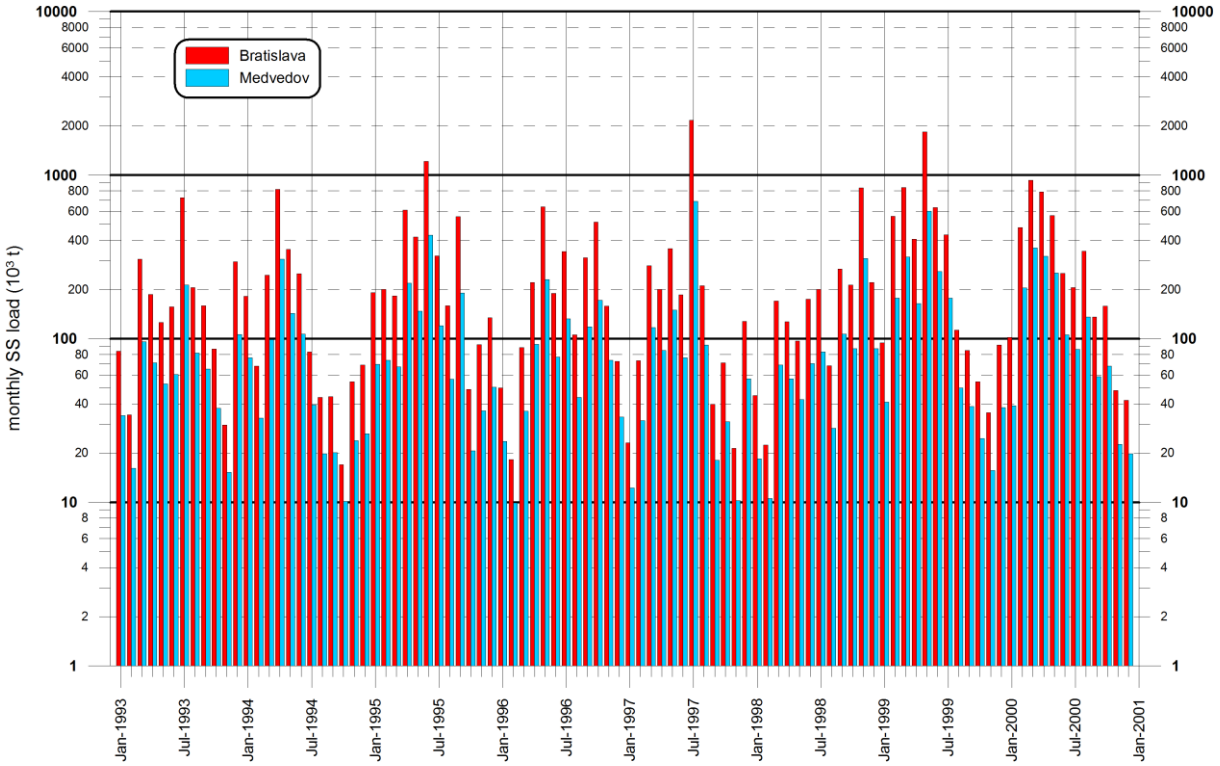
Jan-2001


Bratislava
Medvedov
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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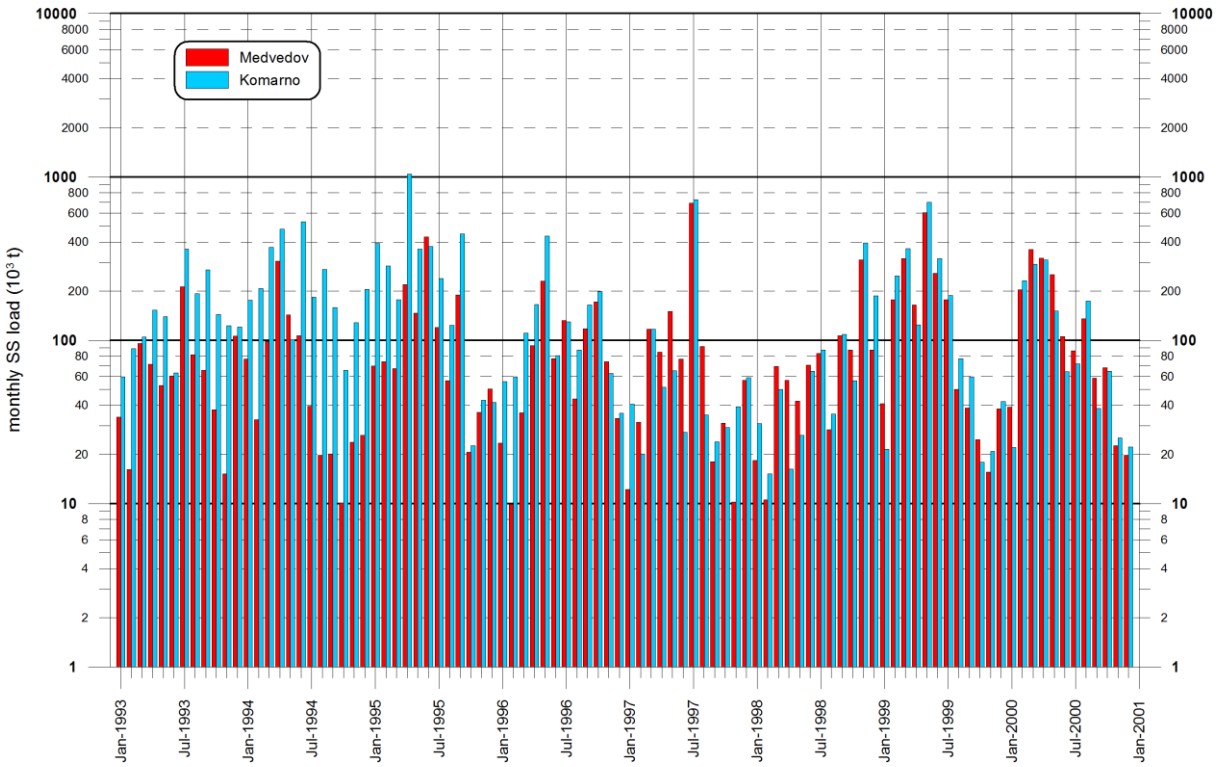
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Medvedov
Komarno
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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Jul-1999
Jan-2000
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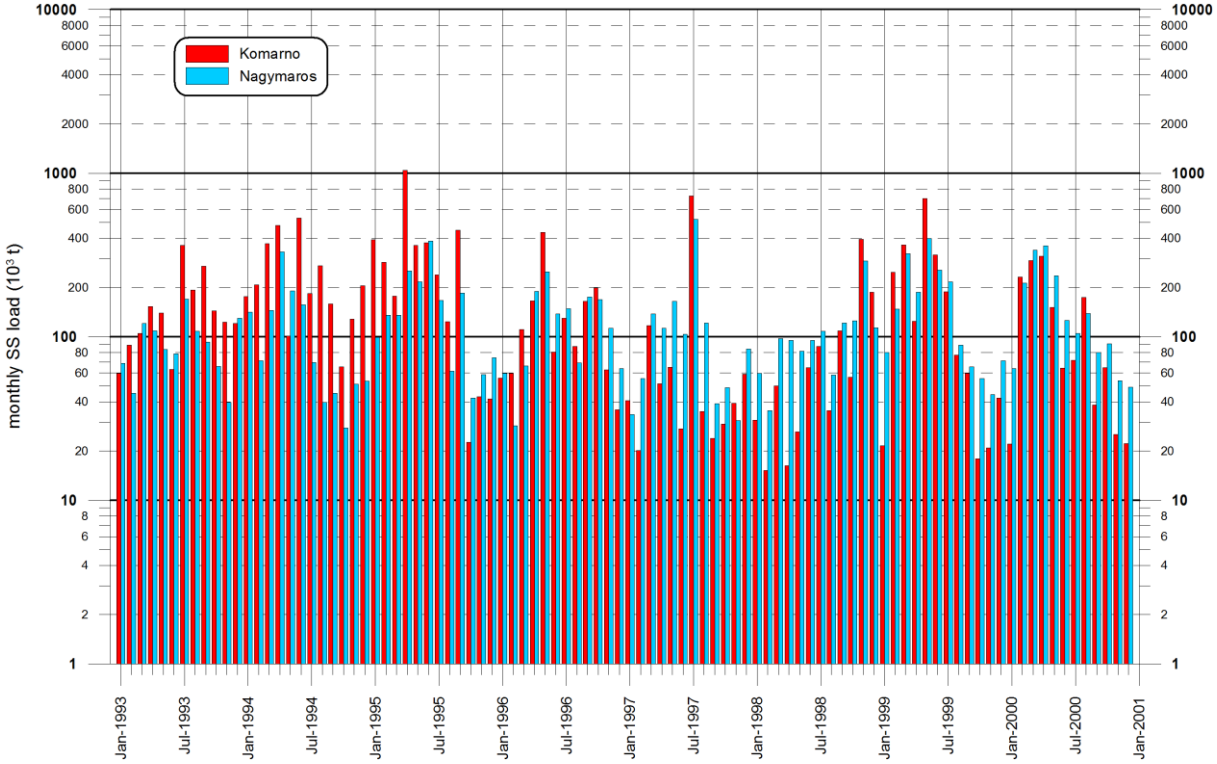
Komarno
Nagymaros
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
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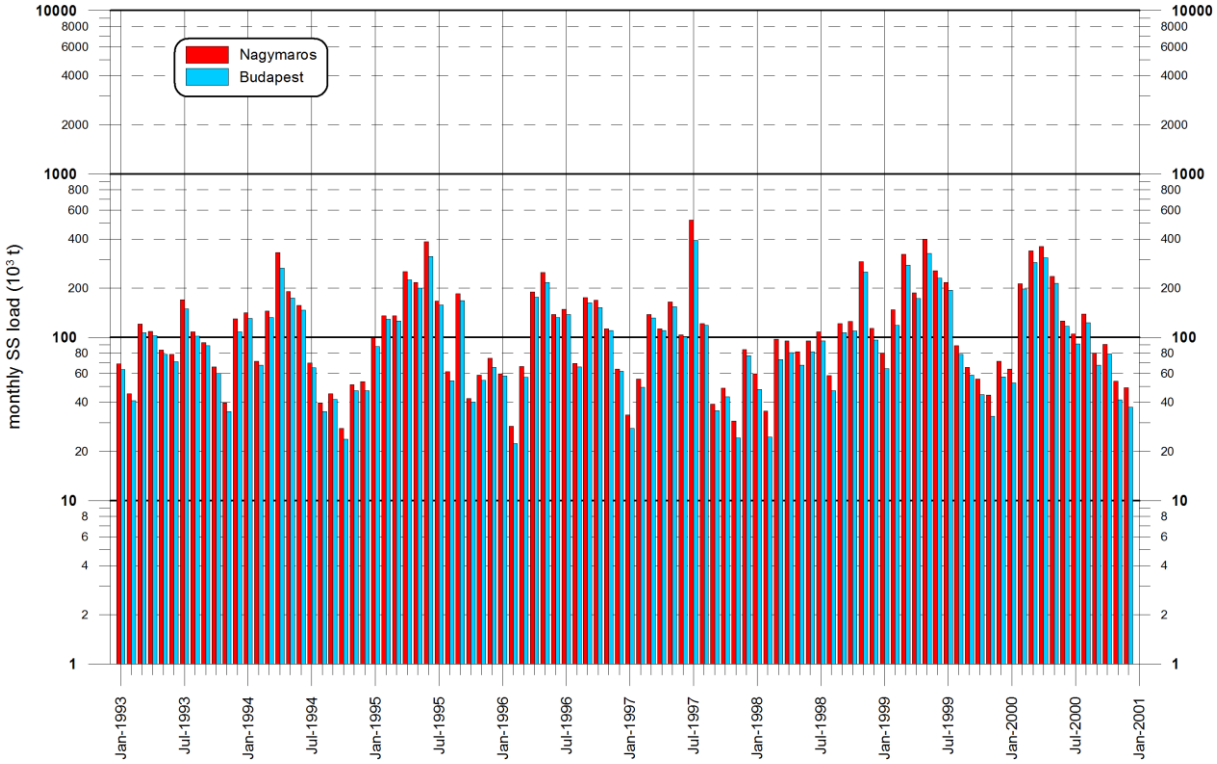
Jan-2001


Nagymaros
Budapest
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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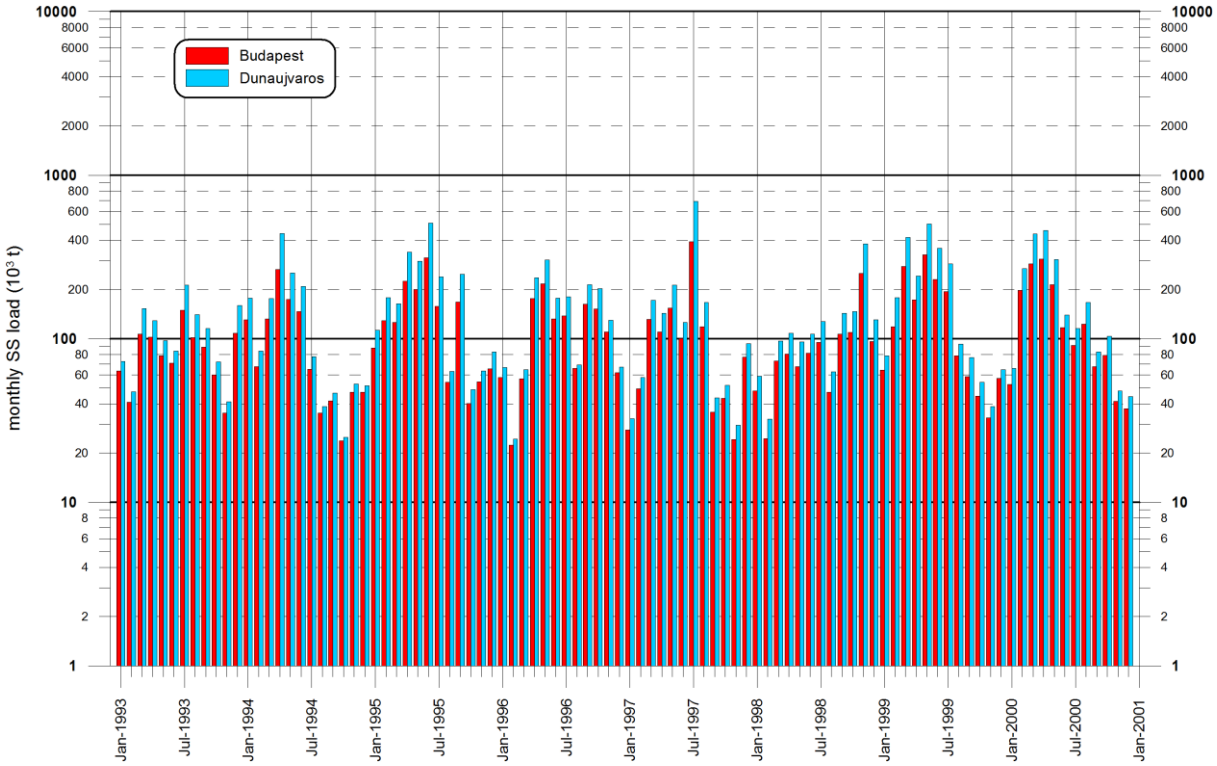
Jan-2001


Budapest
Dunaujvaros
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
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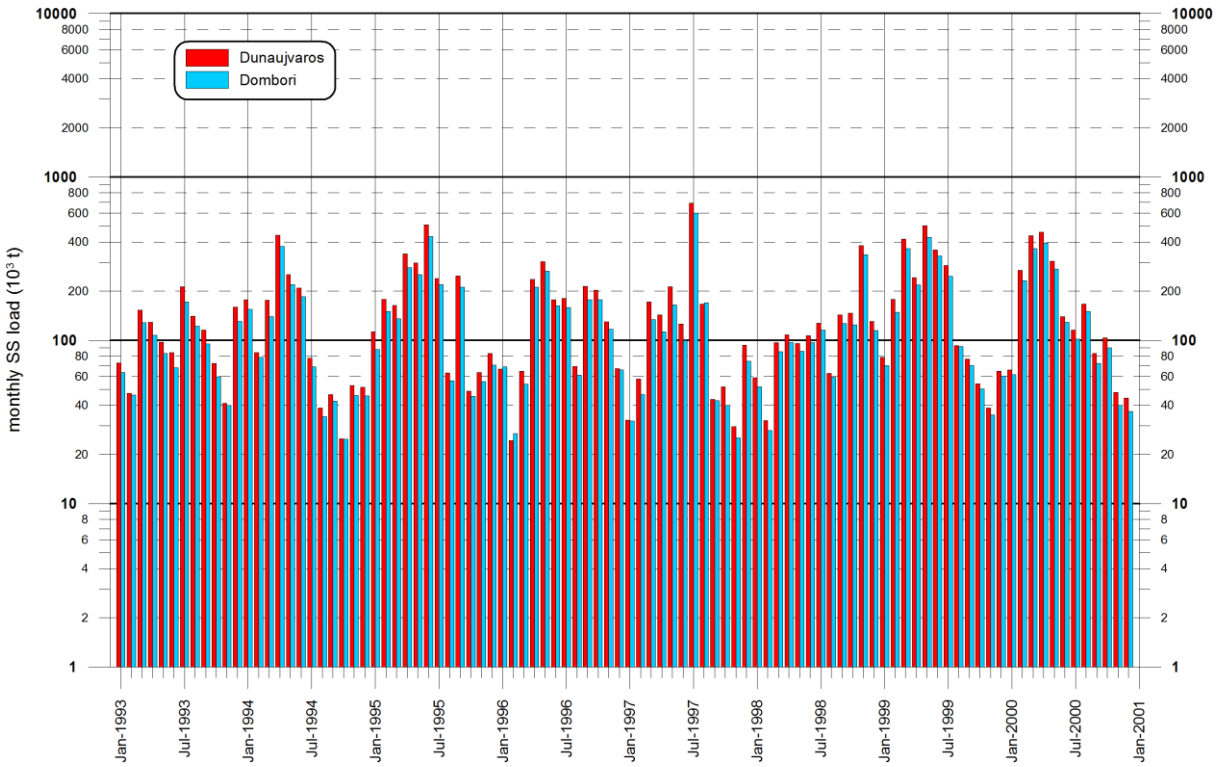
Jan-2001


Dunaujvaros
Dombori
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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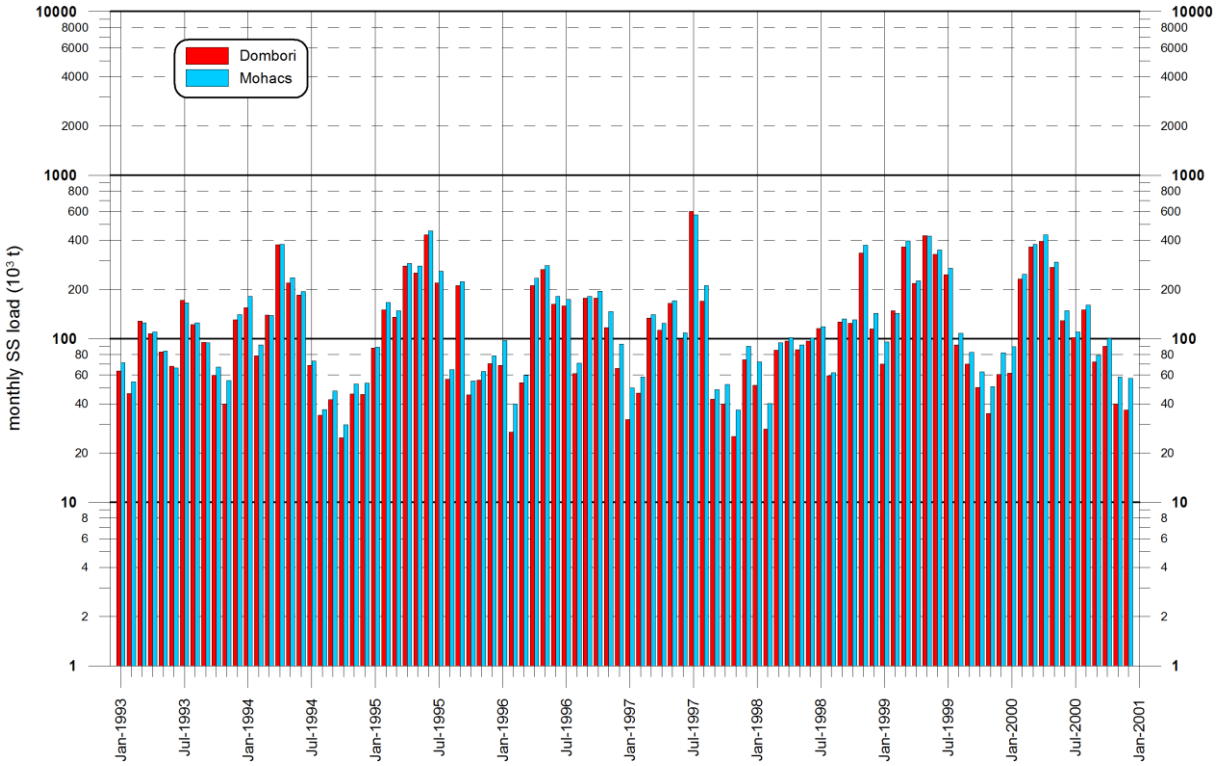
Jan-2001


Dombori
Mohacs
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
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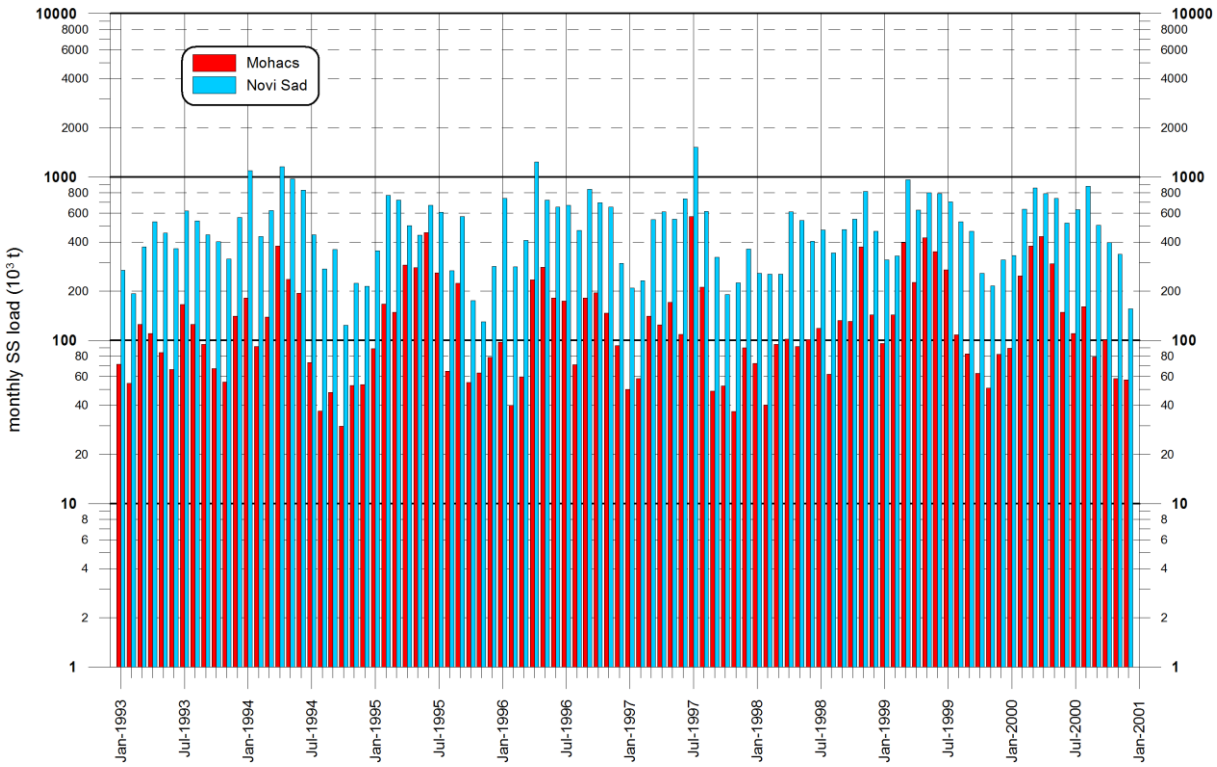
Mohacs
Novi Sad
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
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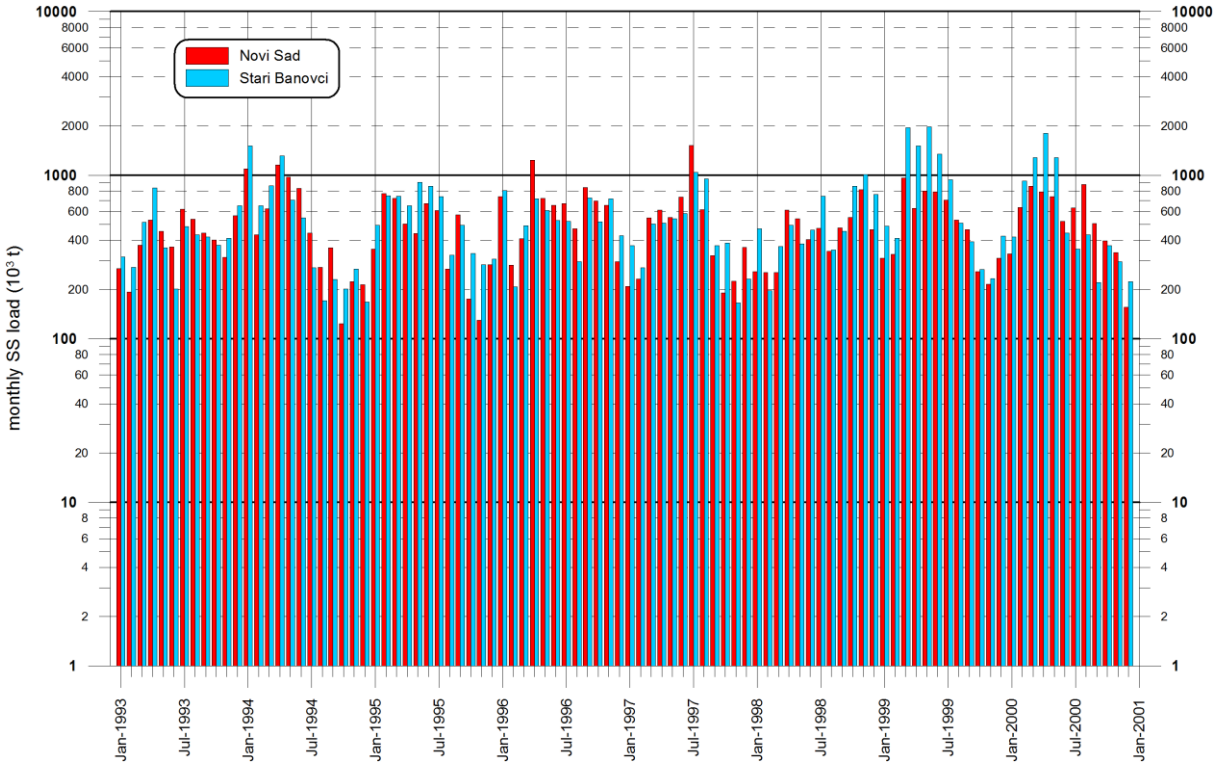
Novi Sad
Stari Banovci
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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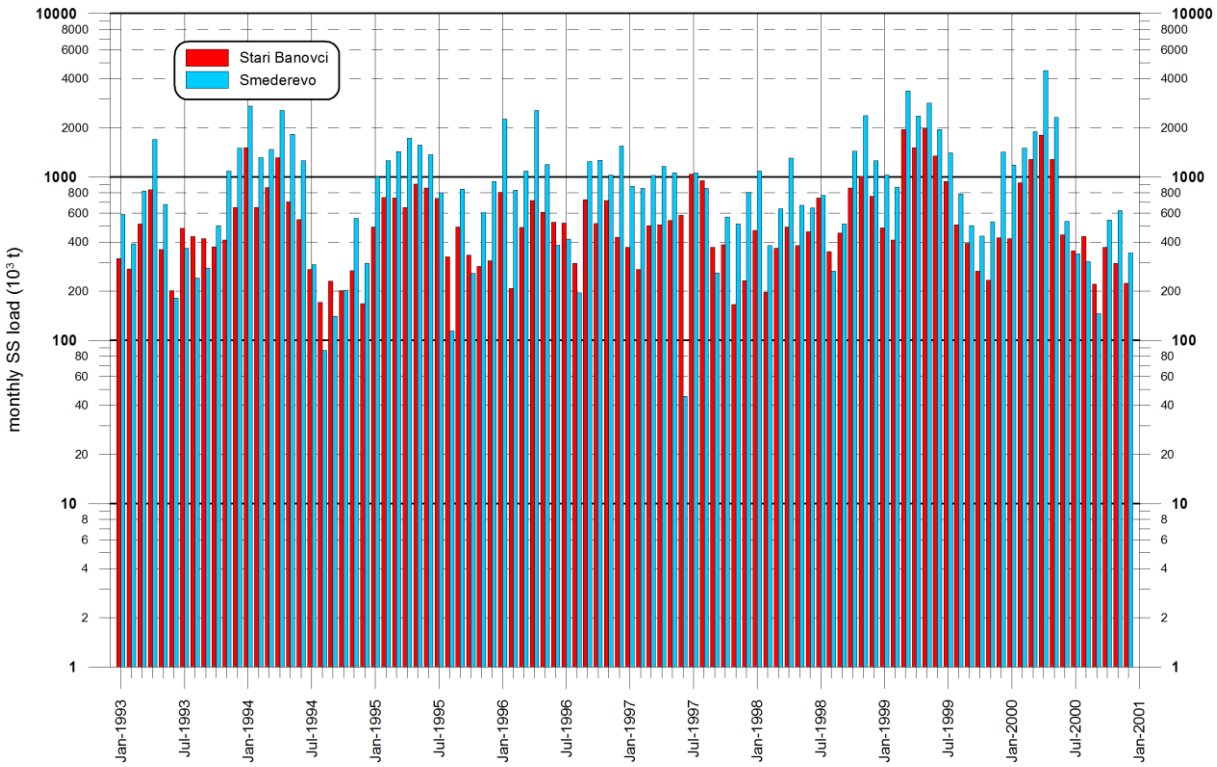
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Stari Banovci
Smederevo
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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Jul-1996
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Jul-1999
Jan-2000
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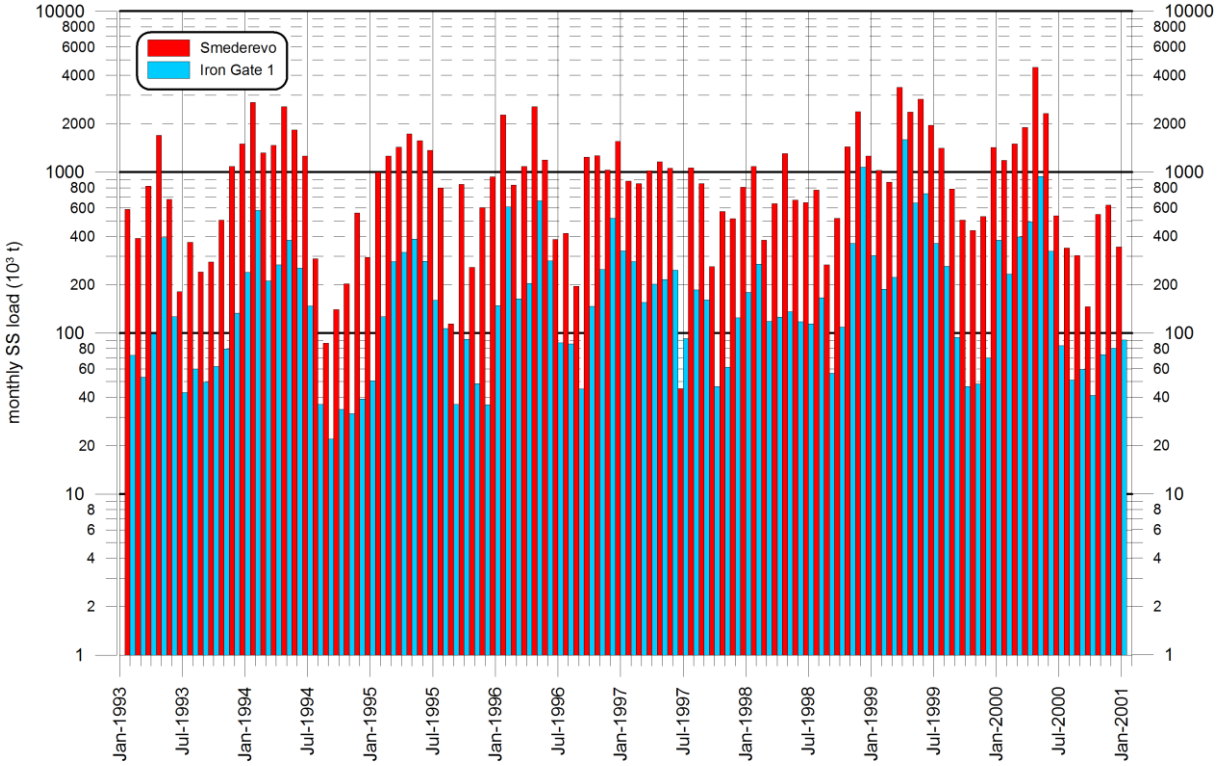
Smederevo
Iron Gate 1
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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Jan-1999
Jul-1999
Jan-2000
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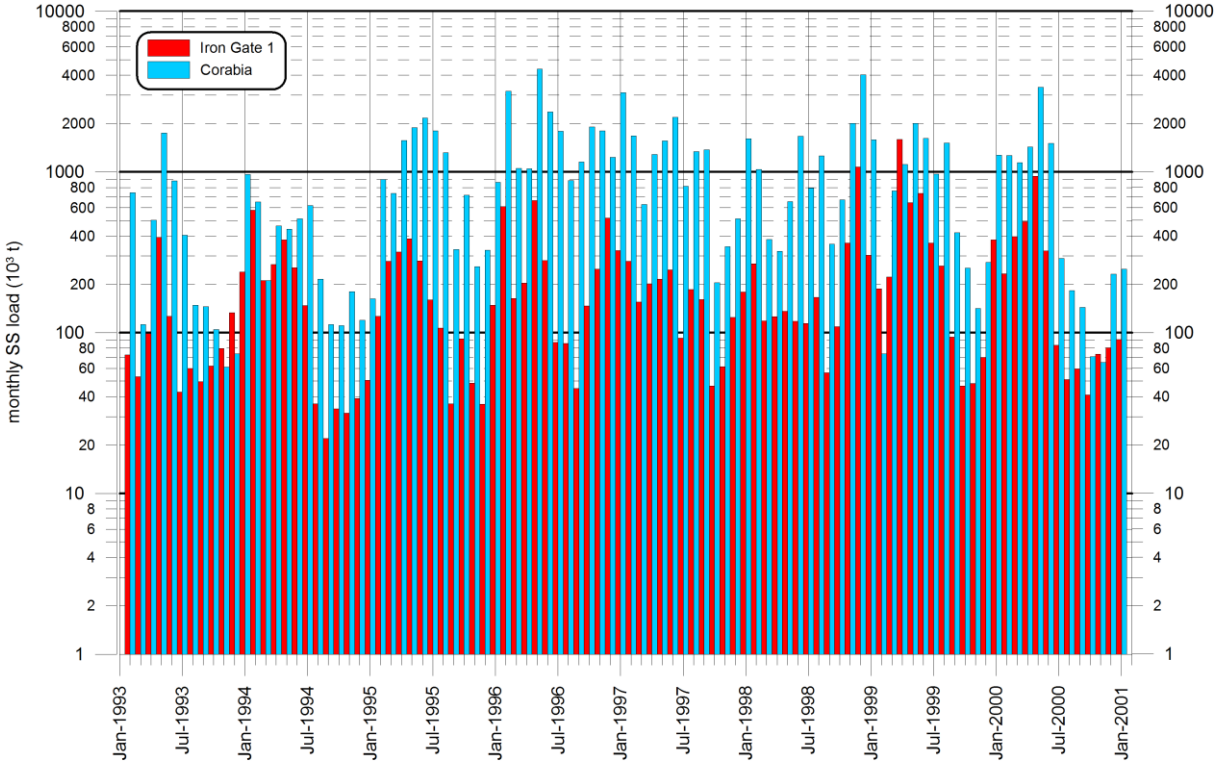
Jan-2001


Iron Gate 1
Corabia
monthly SS load (10³ t)
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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Jul-1999
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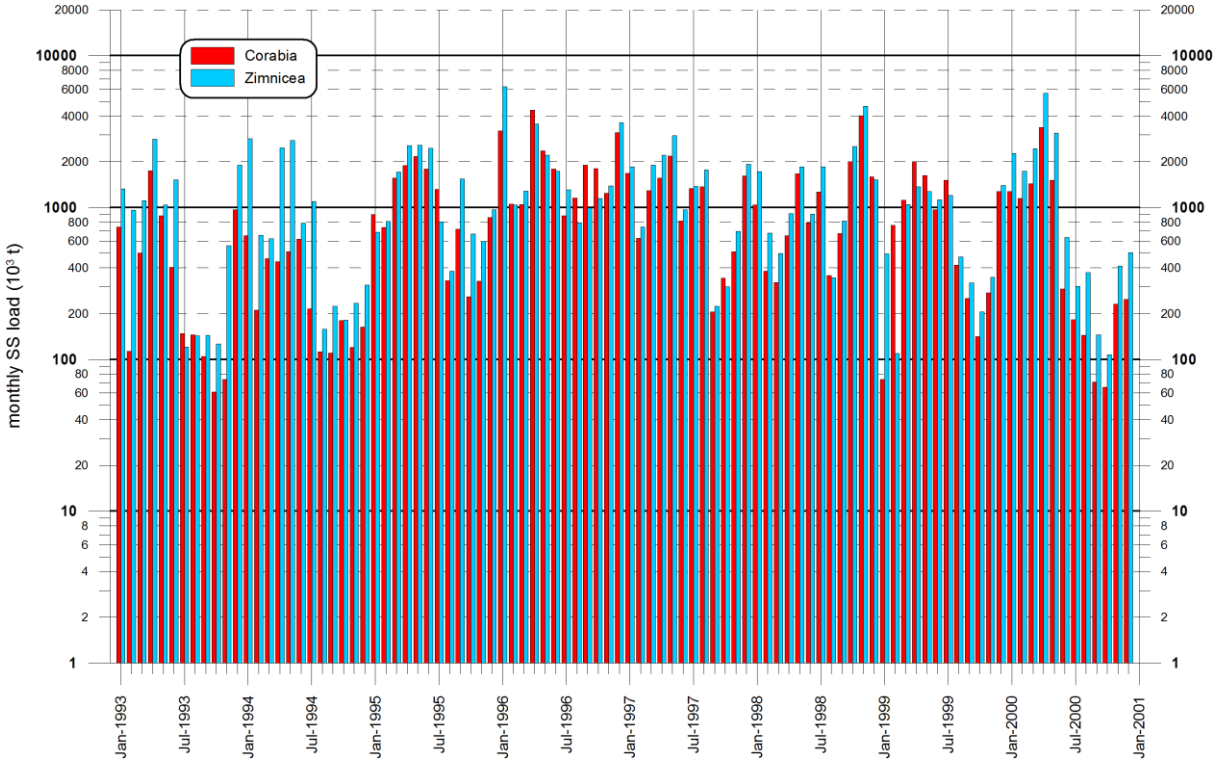
Jan-2001


Corabia
Zimnicea
monthly SS load (10^3 t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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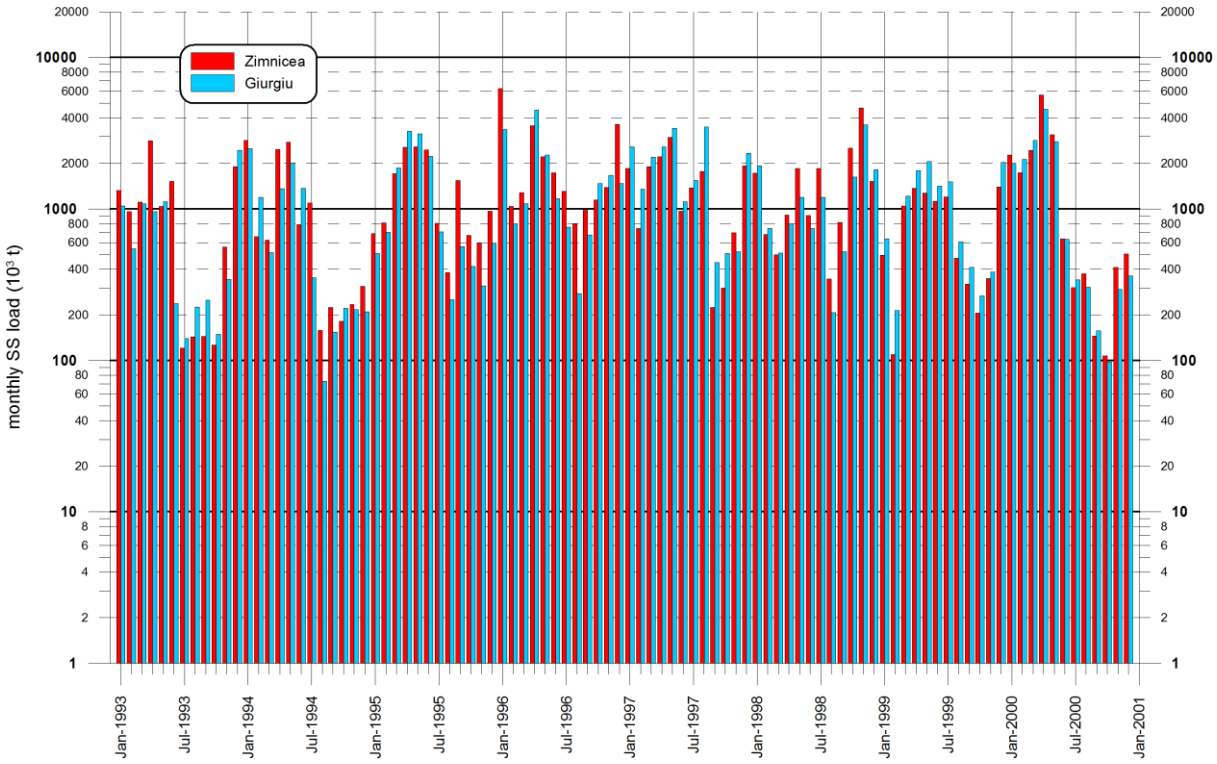
Jan-2000
Jul-2000
Jan-2001


Zimnicea
Giurgiu
monthly SS load (10^3 t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
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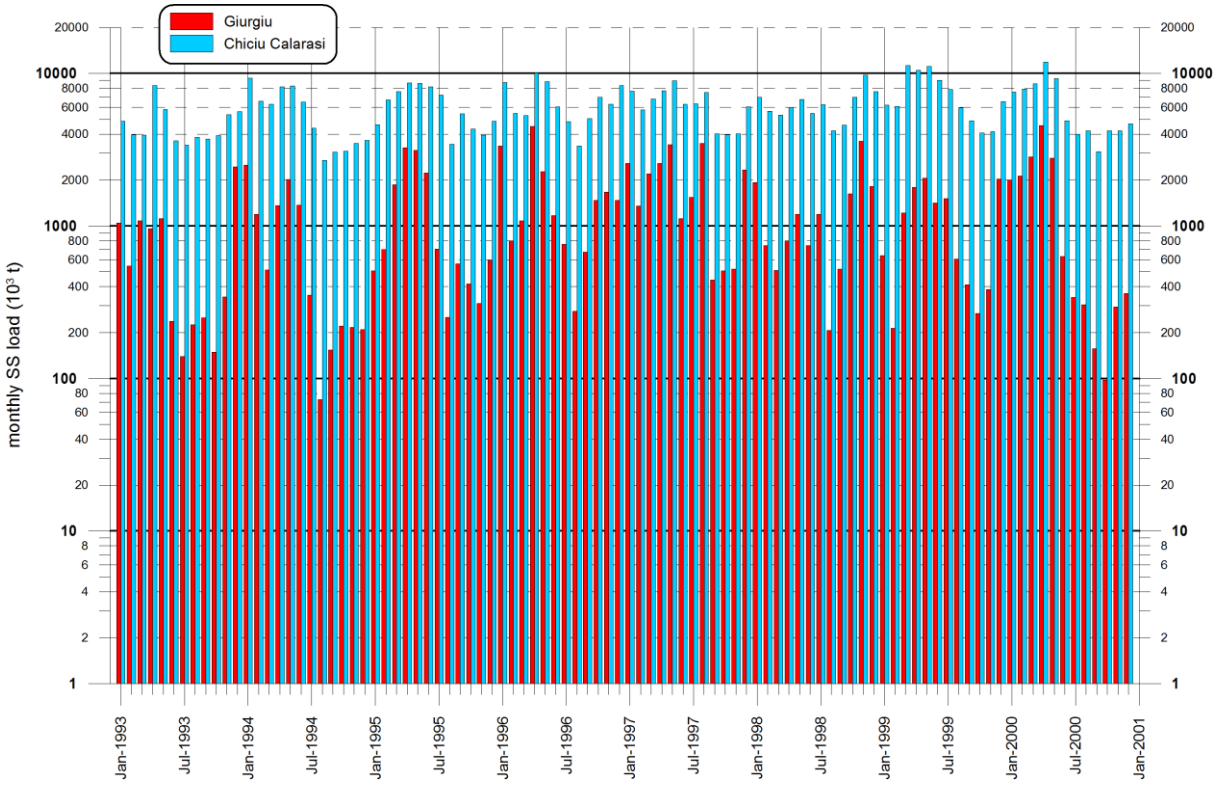
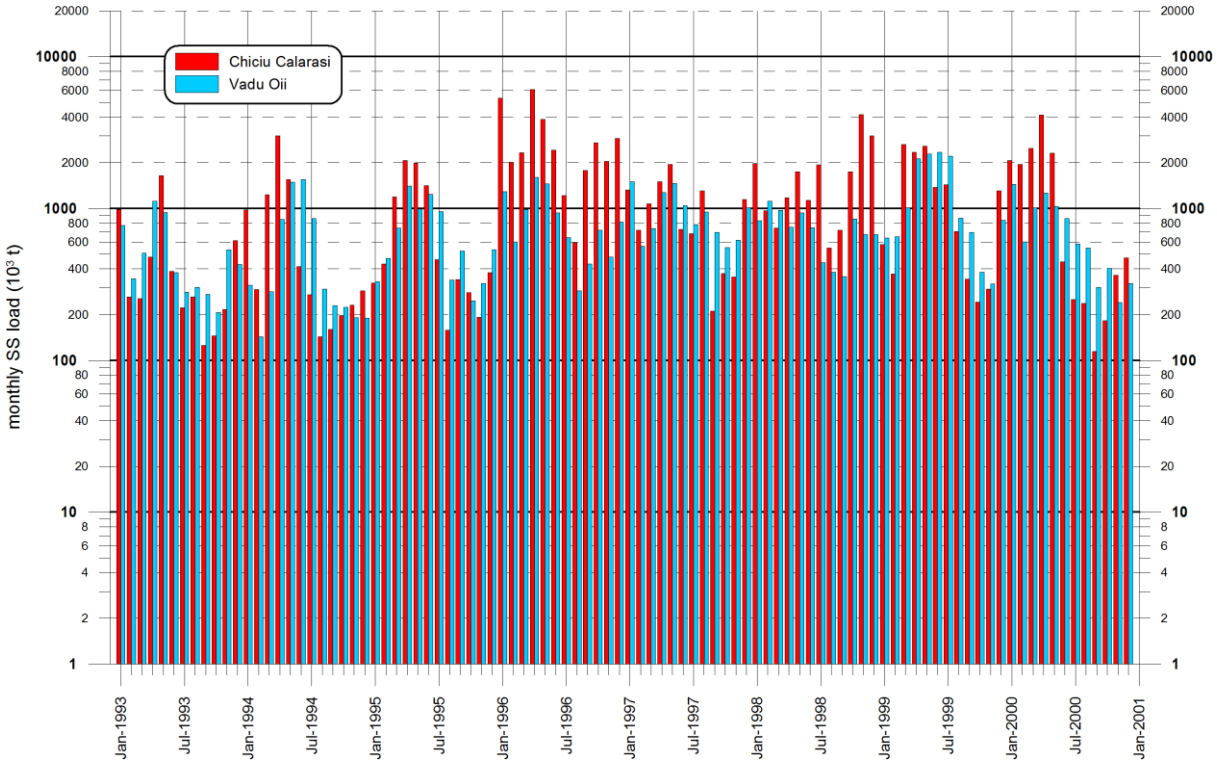
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Giurgiu
Chiciu Calarasi
monthly SS load (10³ t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Chiciu Calarasi
Vadu Oii
monthly SS load (10³ t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
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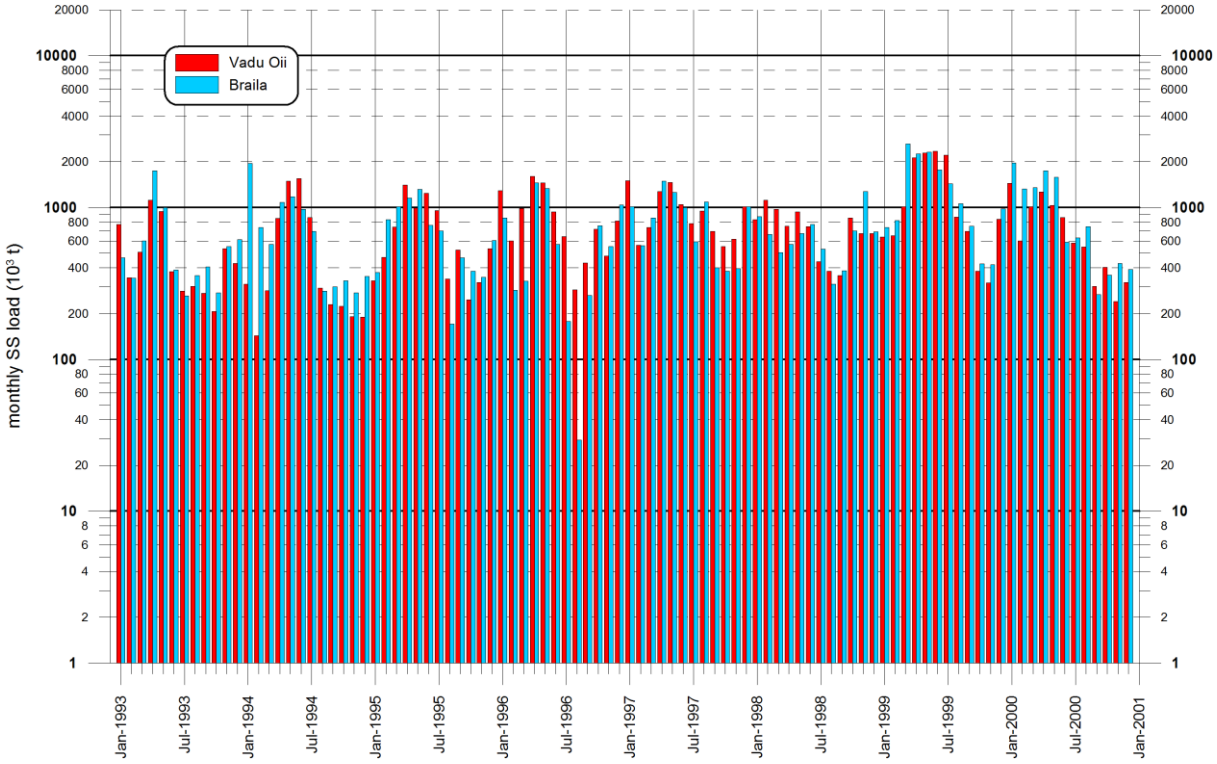
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Vadu Oii
Braila
monthly SS load (10³ t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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Jul-1996
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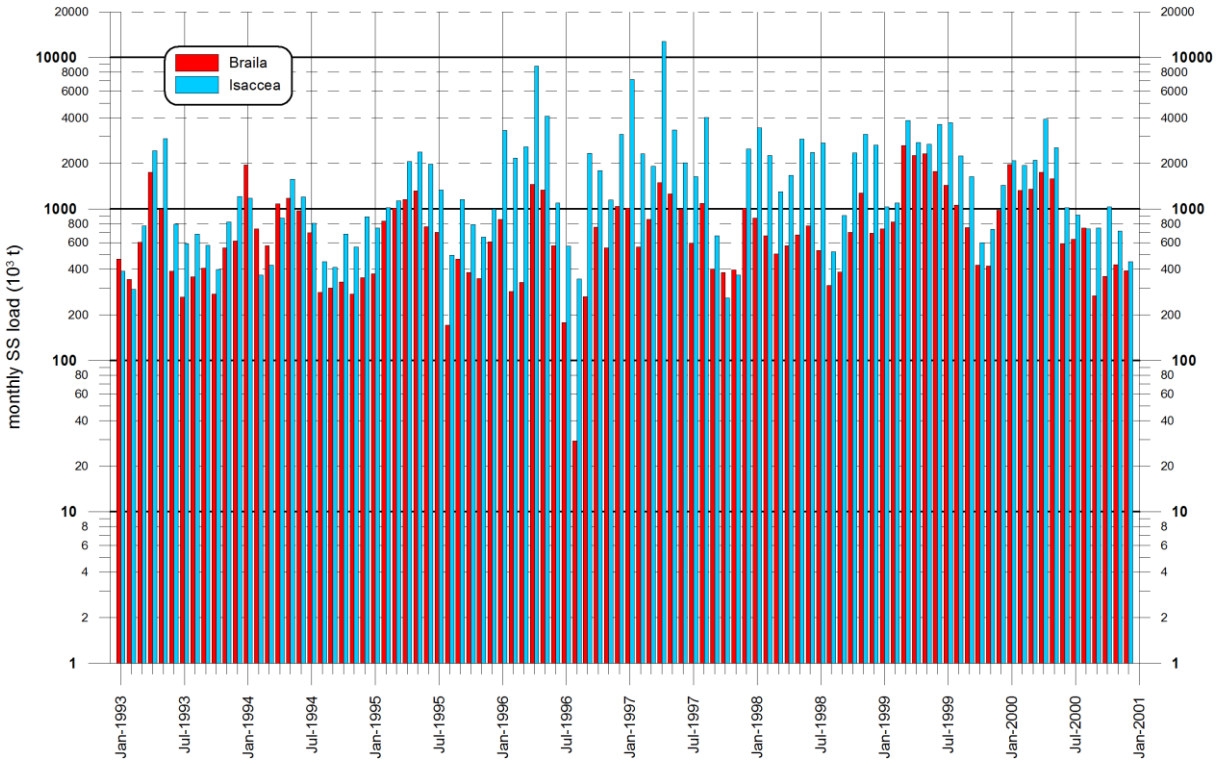
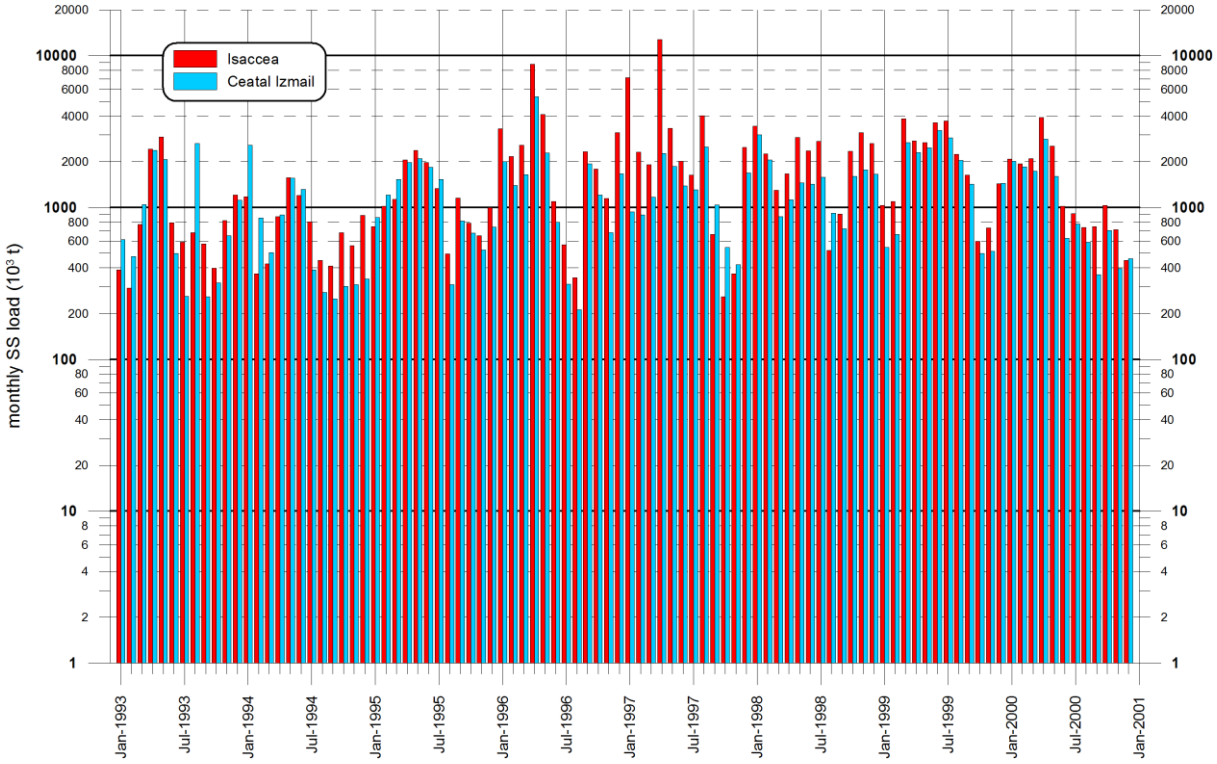
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Braila
Isaccea
monthly SS load (10³ t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Isaccea
Ceatal Izmail
monthly SS load (10^3 t)
20000
10000
8000
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001

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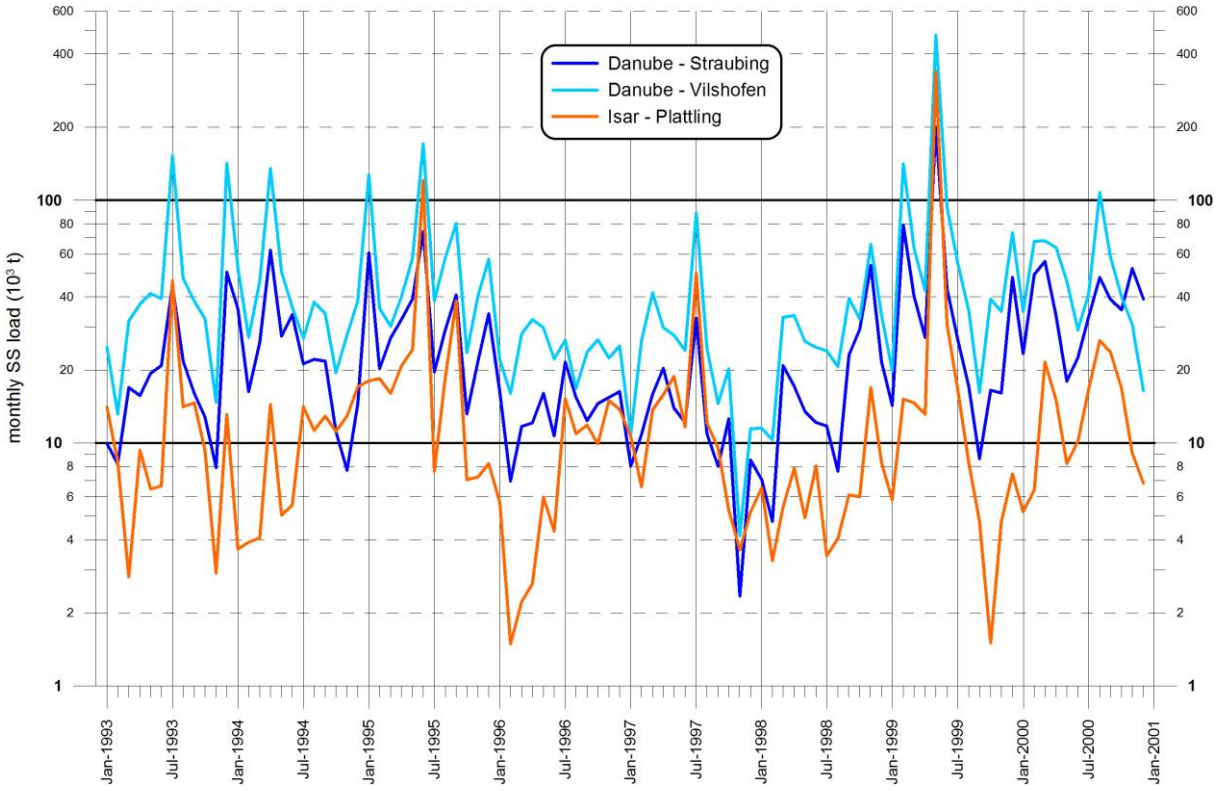
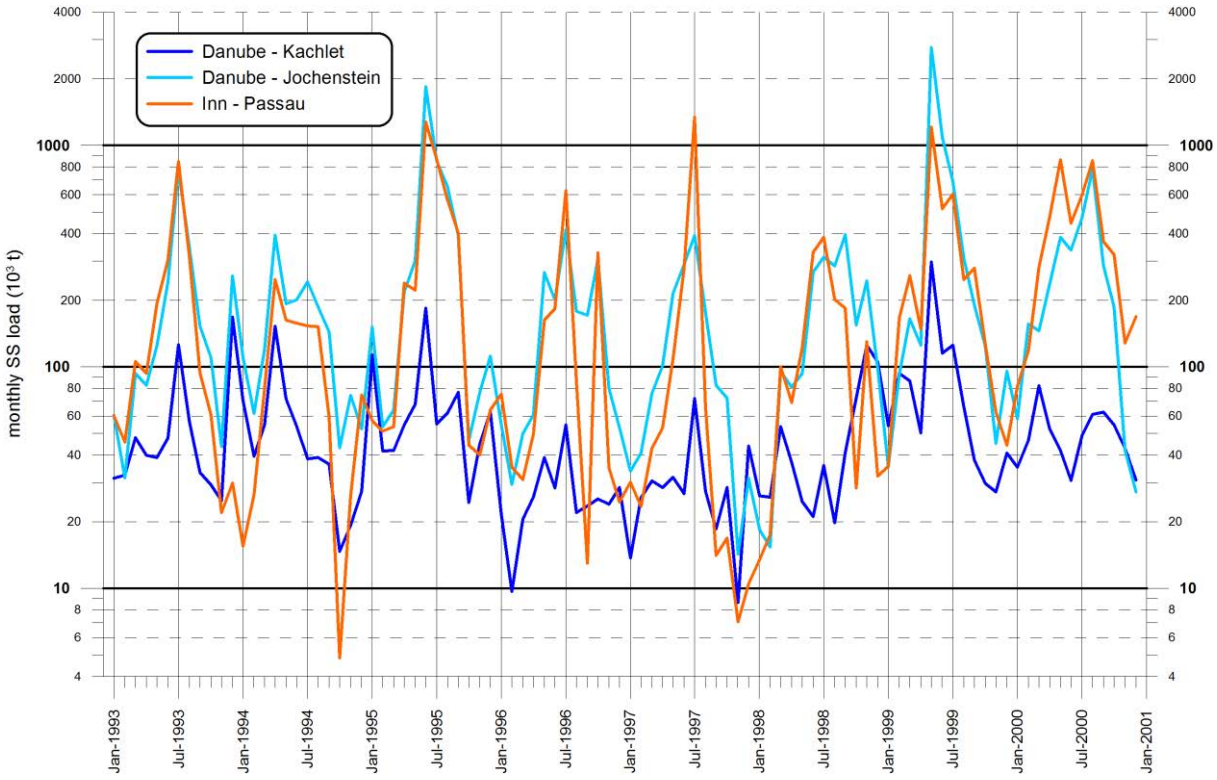
Annex 2: Time series of monthly suspended sediment loads in the tributaries

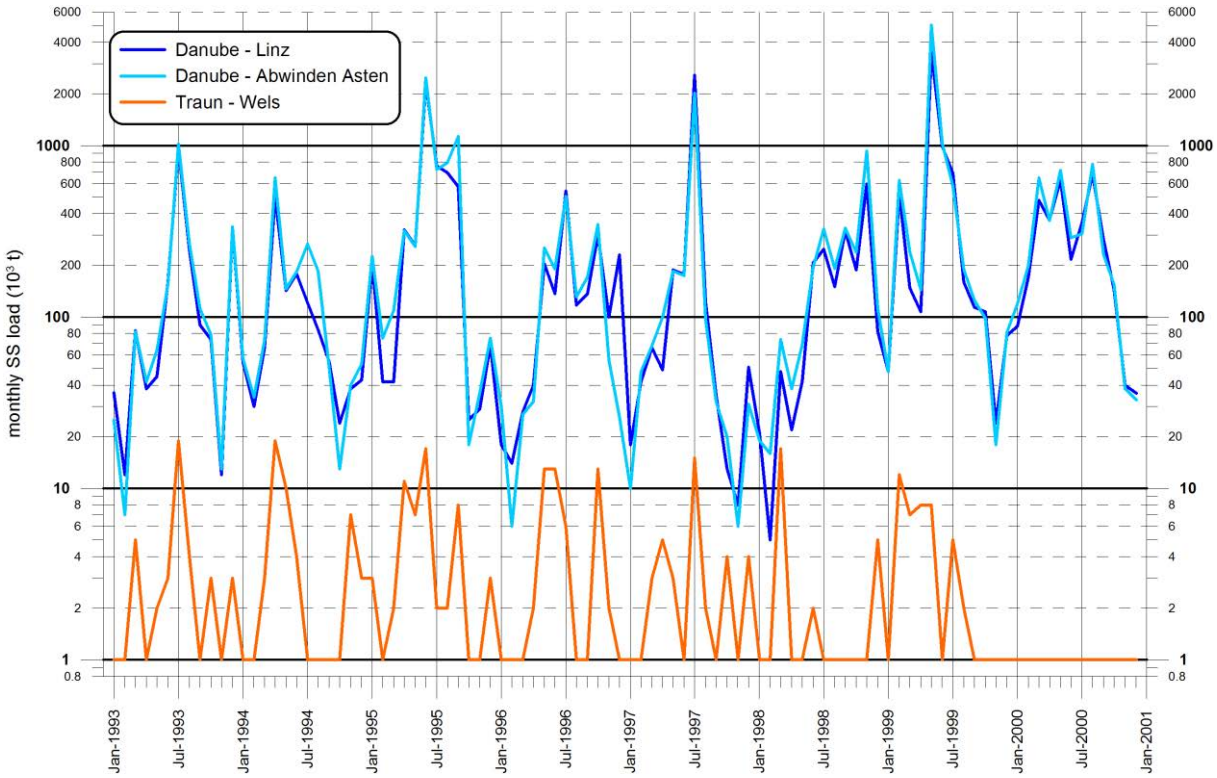
Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

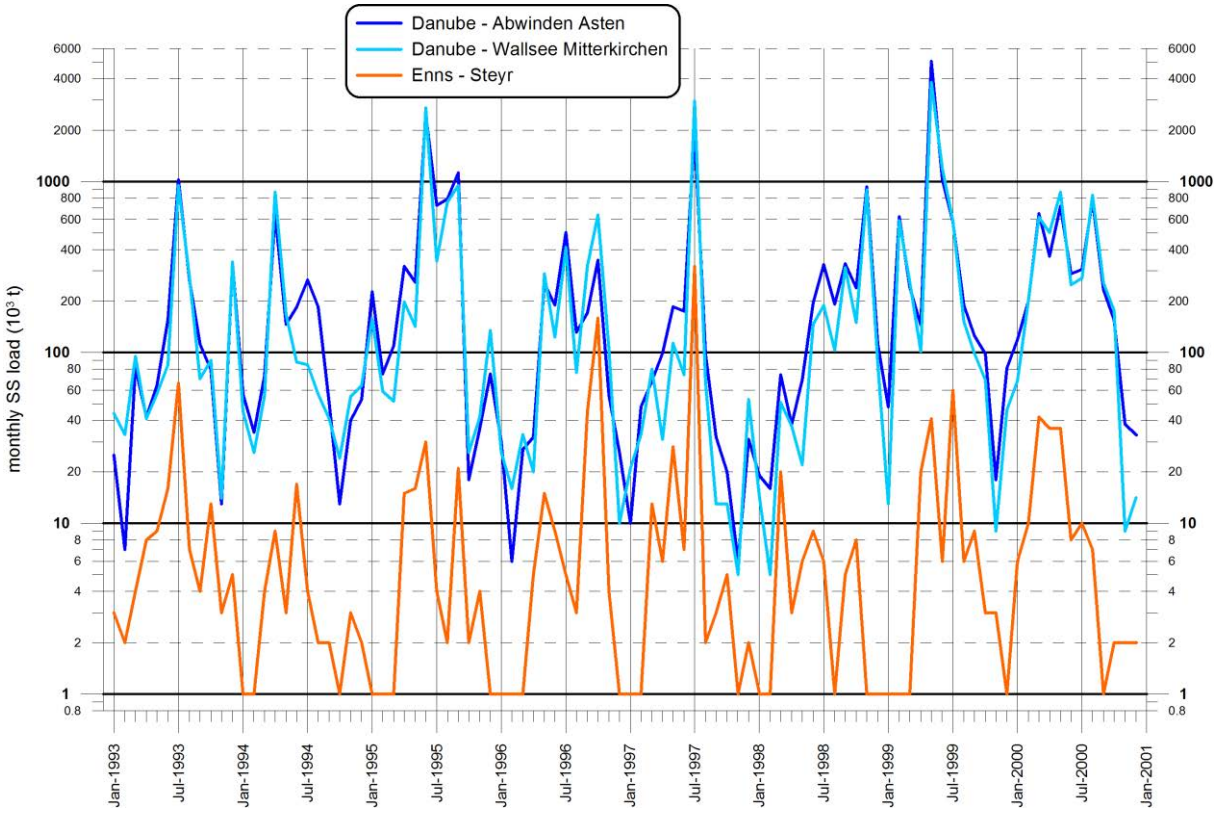
Project co-funded by European Union funds (ERDF, IPA)

Annex 2: Time series of monthly suspended sediment loads in the tributaries






Danube - Linz
Danube - Abwinden Asten
Traun - Wels
monthly SS load (10³ t)
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
0.8
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Danube - Abwinden Asten
Danube - Wallsee Mitterkirchen
Enns - Steyr
monthly SS load (10³ t)
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
6
4
2
1
0.8
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
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Jul-1996
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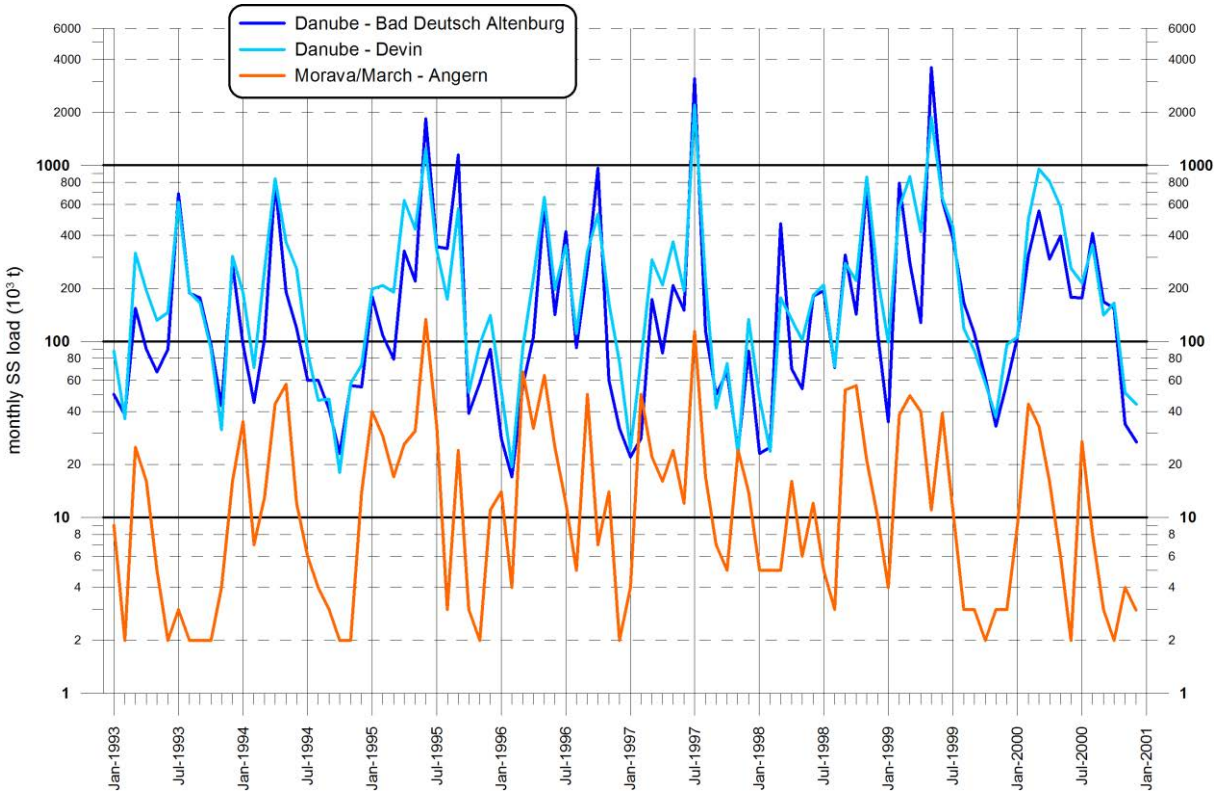
Jan-2000
Jul-2000
Jan-2001


Danube - Bad Deutsch Altenburg
Danube - Devin
Morava/March - Angern
monthly SS load (10³ t)
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
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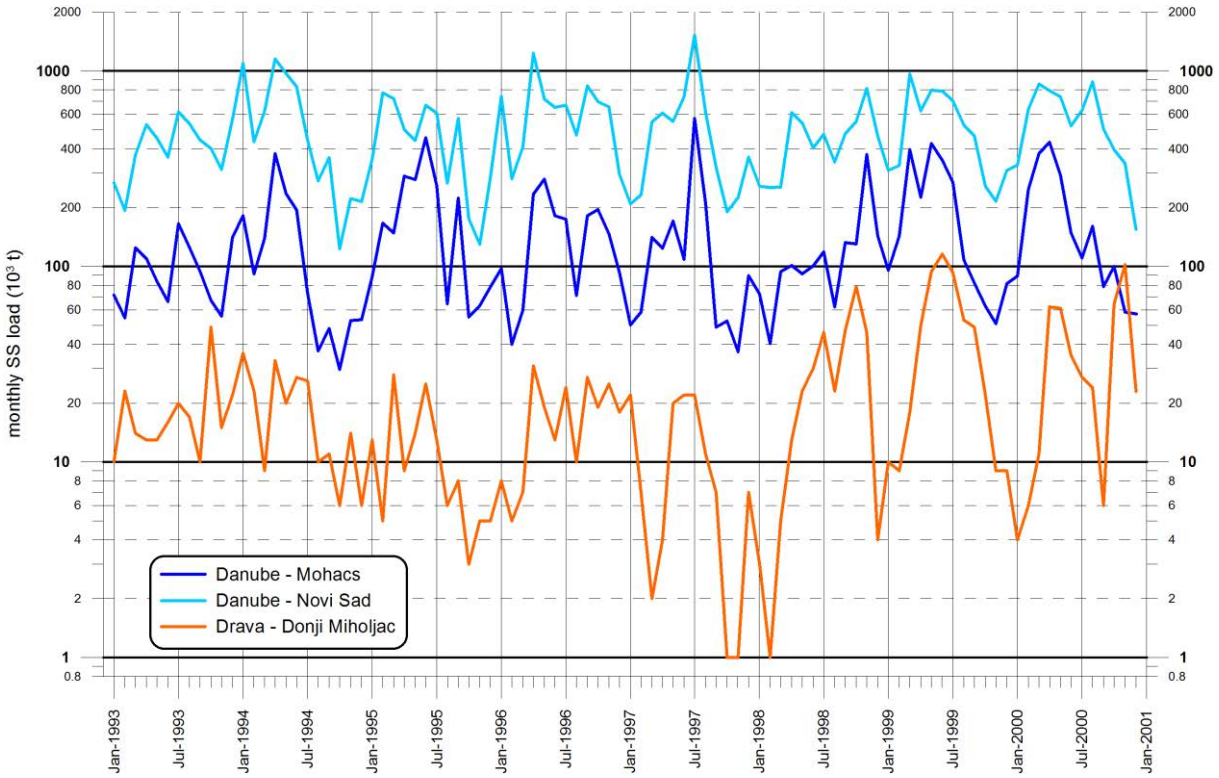
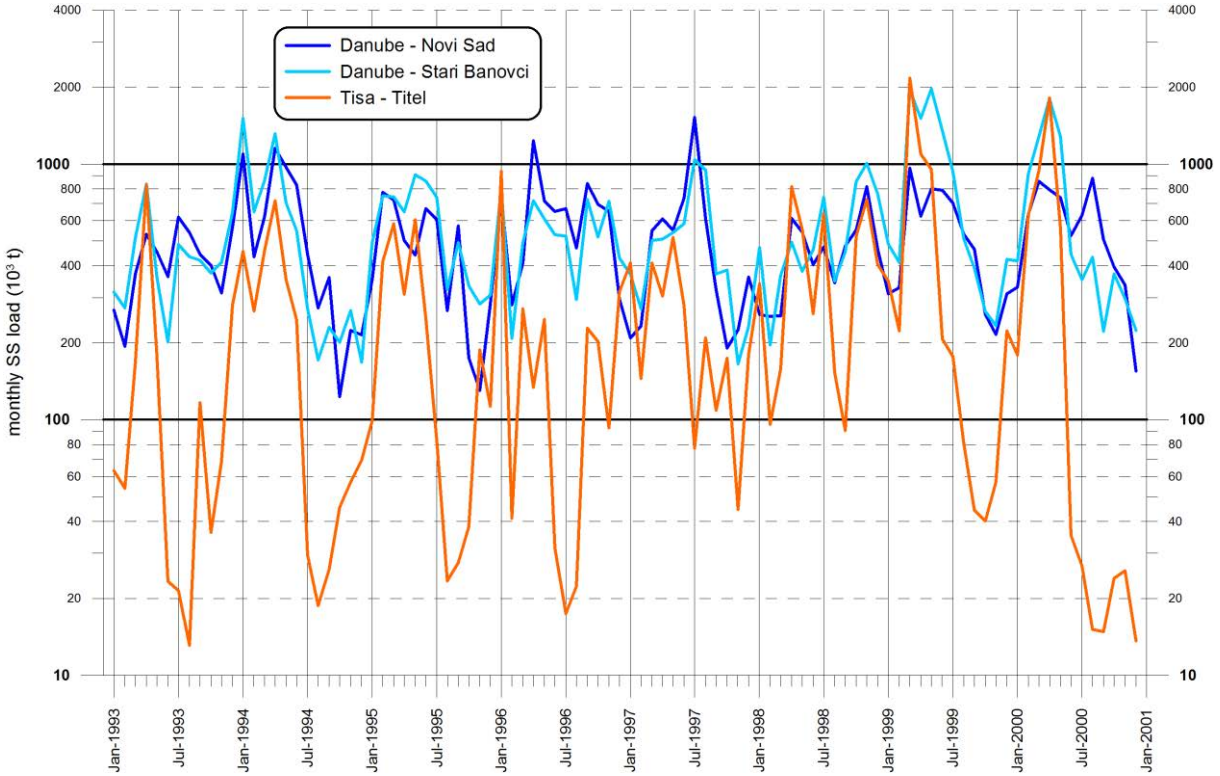
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Danube - Mohacs
Danube - Novi Sad
Drava - Donji Miholjac
monthly SS load (10³ t)
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Danube - Novi Sad
Danube - Stari Banovci
Tisa - Titel
monthly SS load (10³ t)
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
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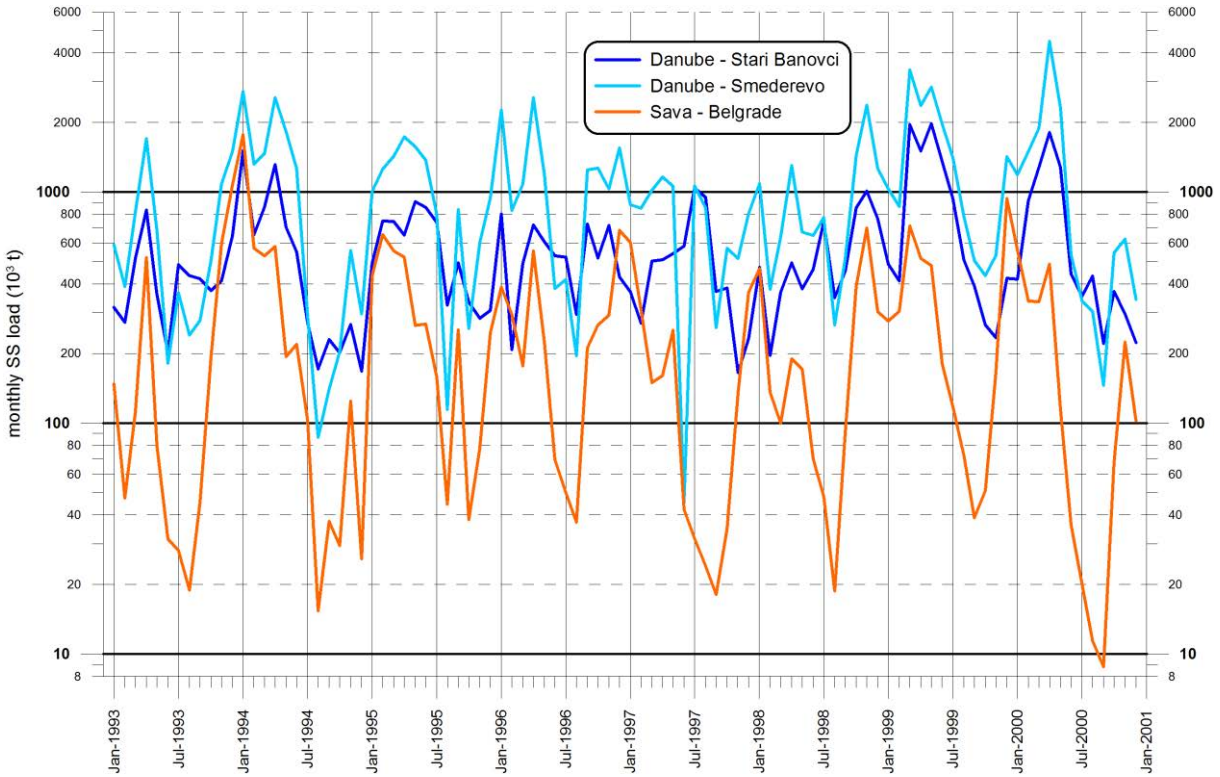
Jul-1999
Jan-2000
Jul-2000
Jan-2001


Danube - Stari Banovci
Danube - Smederevo
Sava - Belgrade
monthly SS load (10³ t)
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
8
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
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Jul-1998
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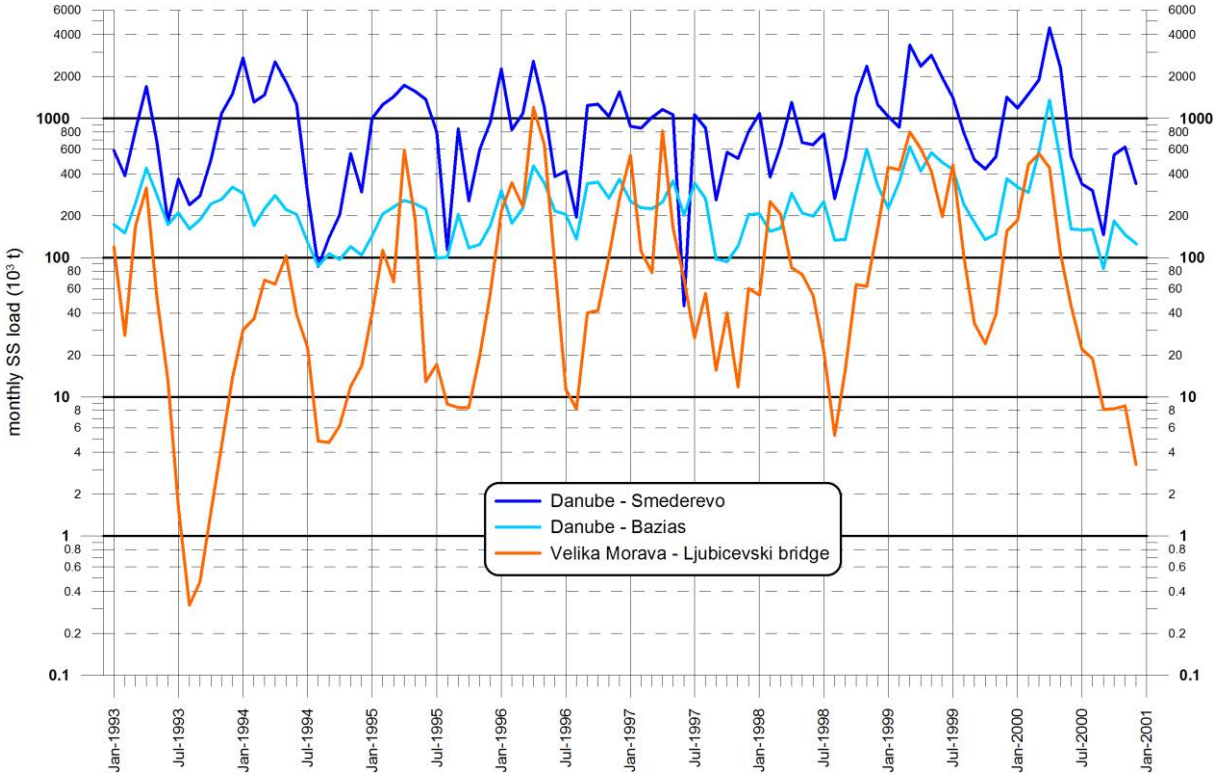
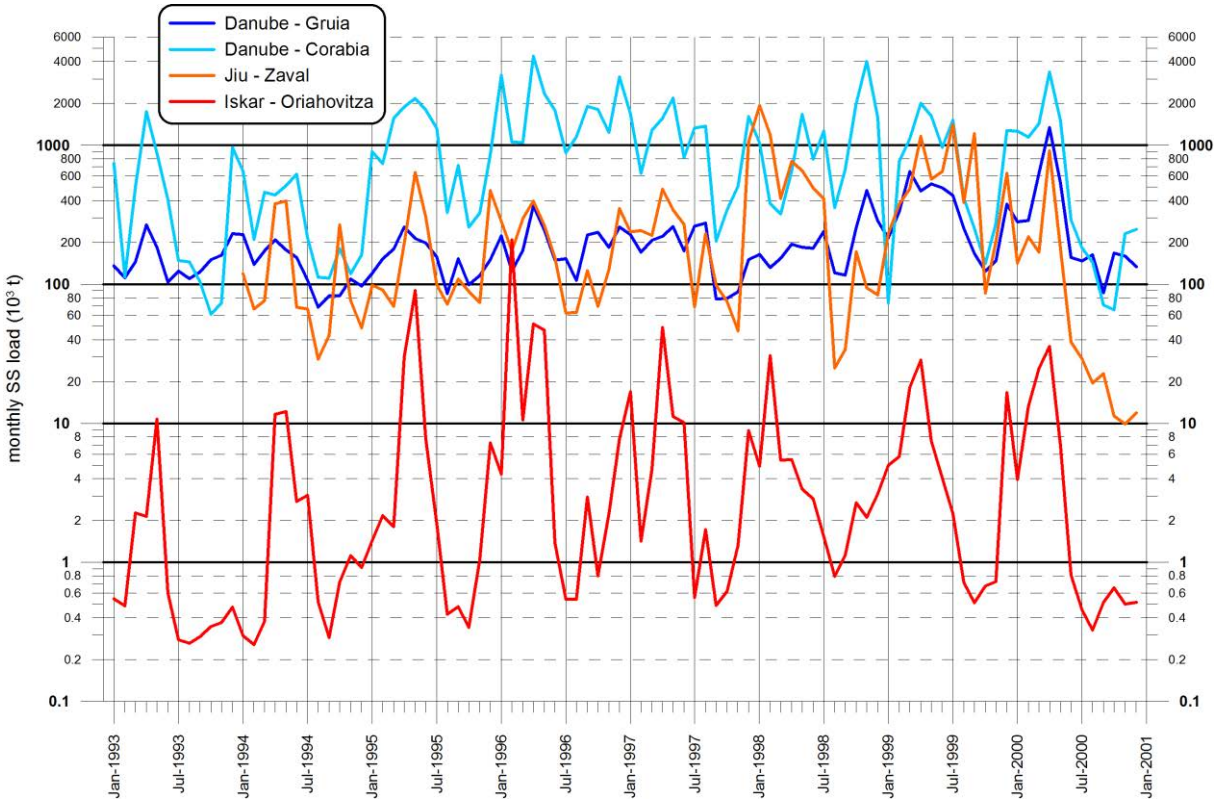
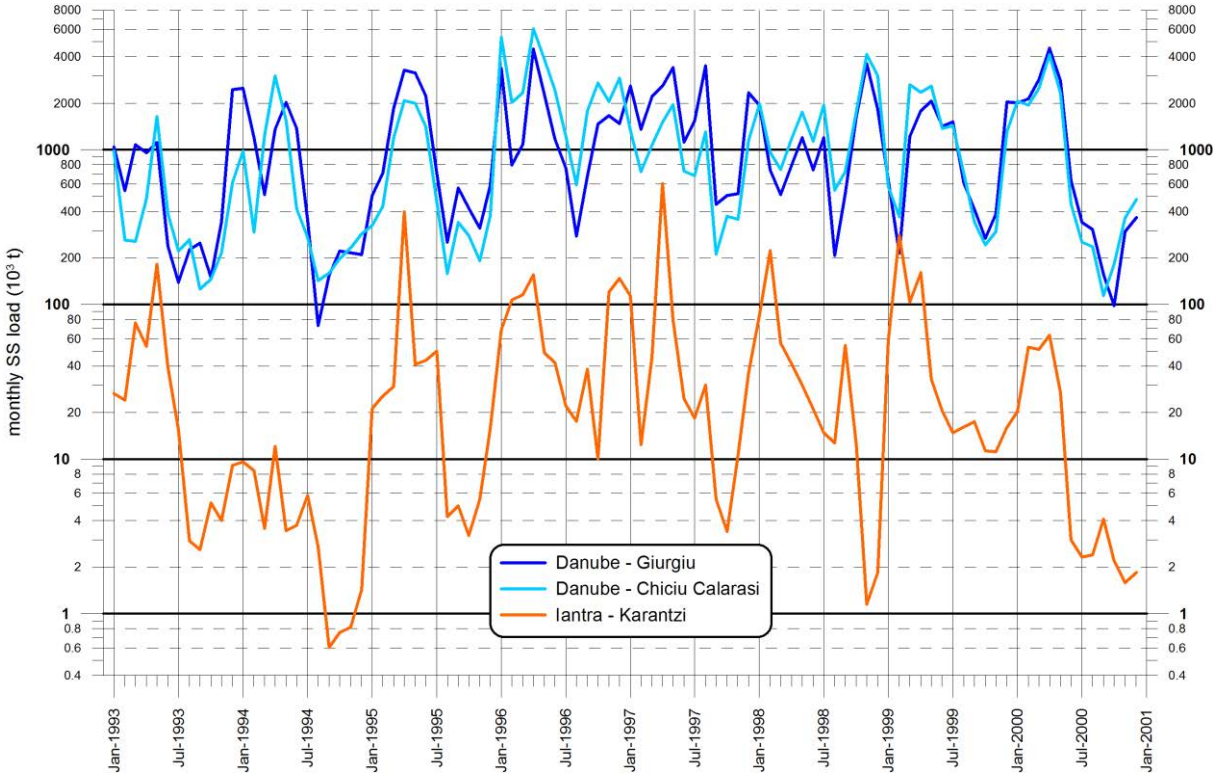
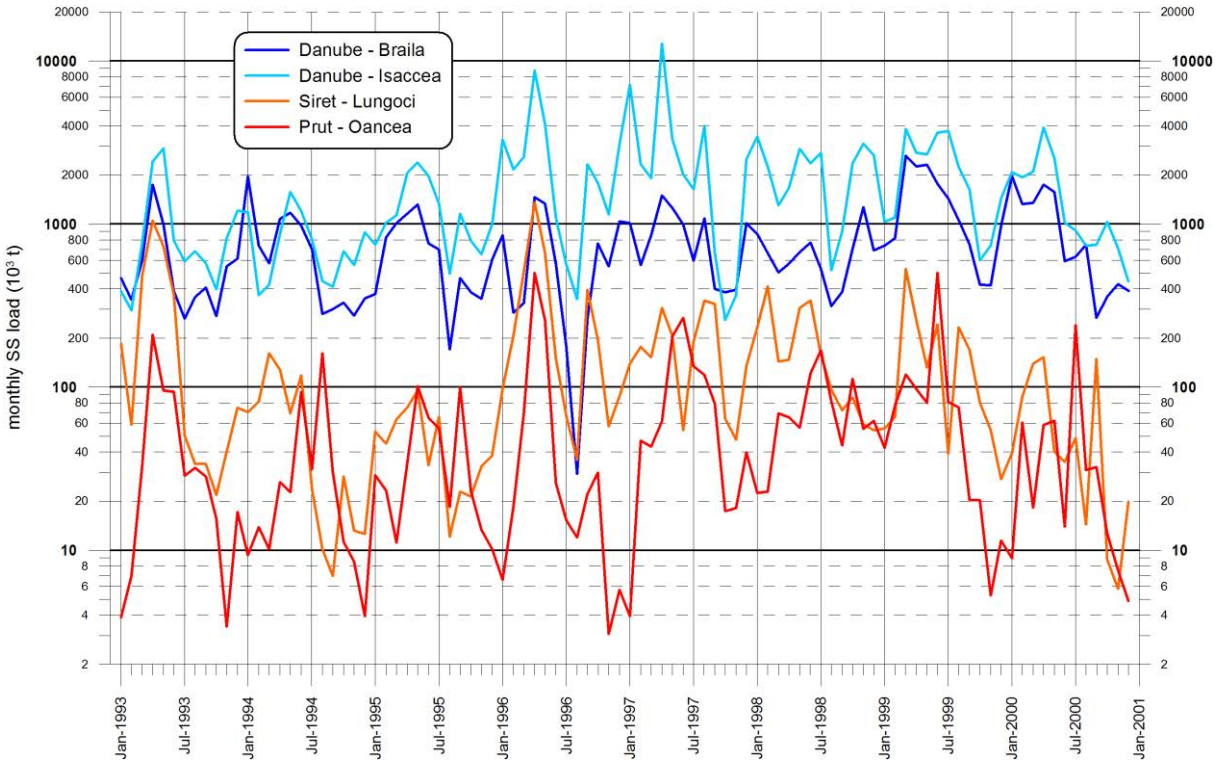
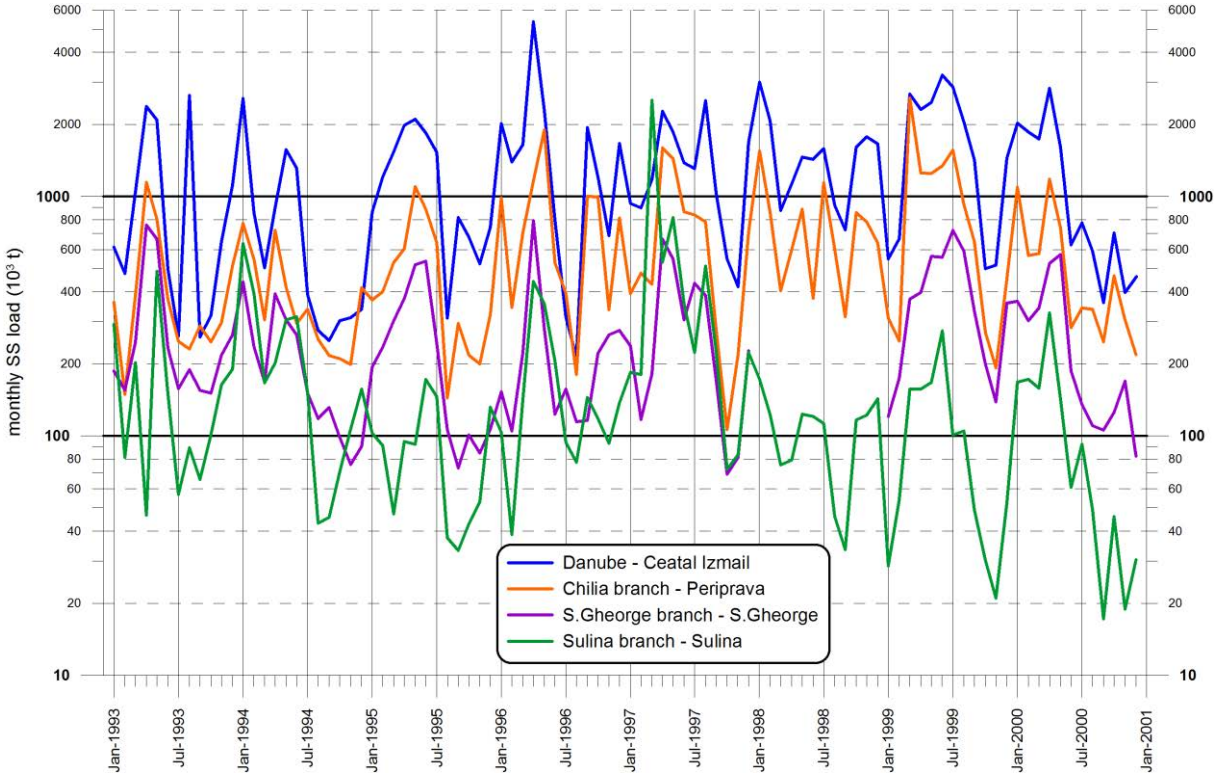
Jul-1999
Jan-2000
Jul-2000
Jan-2001


monthly SS load (10³ t)
Danube - Smederevo
Danube - Bazias
Velika Morava - Ljubicevski bridge
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


monthly SS load (10³ t)
Danube - Gruia
Danube - Corabia
Jiu - Zaval
Iskar - Oriahovitza
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


monthly SS load (10³ t)
Danube - Giurgiu
Danube - Chiciu Calarasi
Iantra - Karantzi
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


monthly SS load (10³ t)
Danube - Braila
Danube - Isaccea
Siret - Lungoci
Prut - Oancea
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001


monthly SS load (10³ t)
6000
4000
2000
1000
800
600
400
200
100
80
60
40
20
10
Danube - Ceatal Izmail
Chilia branch - Periprava
S.Gheorge branch - S.Gheorge
Sulina branch - Sulina
Jan-1993
Jul-1993
Jan-1994
Jul-1994
Jan-1995
Jul-1995
Jan-1996
Jul-1996
Jan-1997
Jul-1997
Jan-1998
Jul-1998
Jan-1999
Jul-1999
Jan-2000
Jul-2000
Jan-2001

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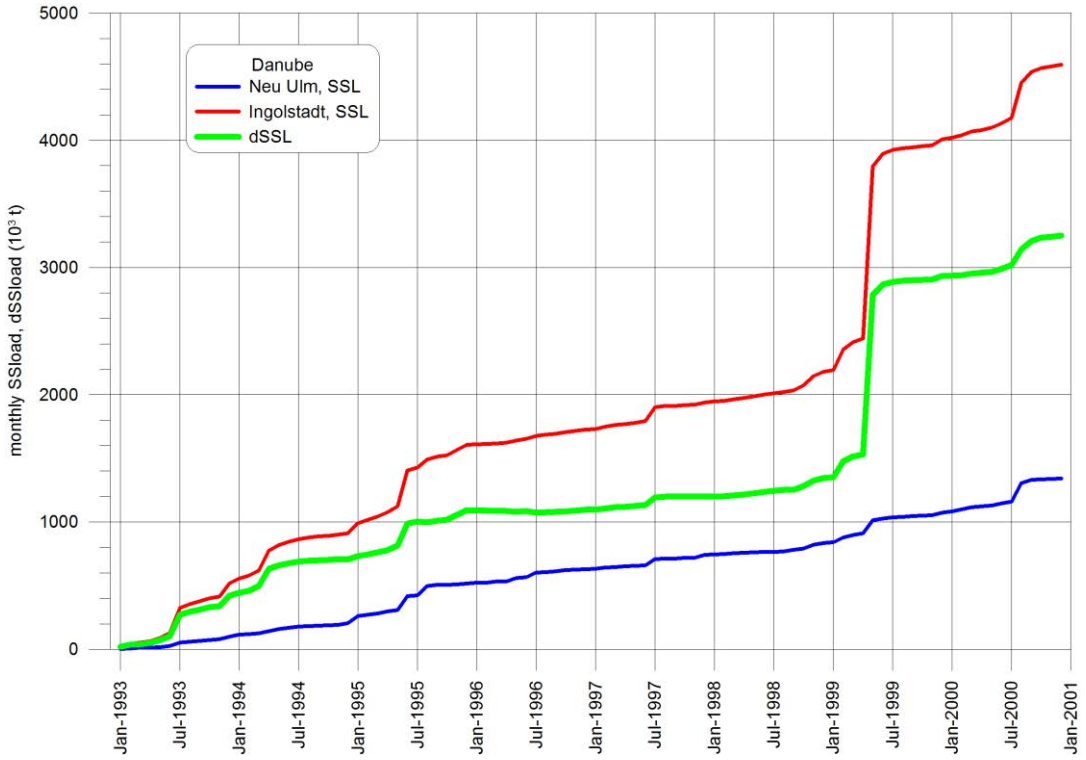
Annex 3: Evaluation of the suspended sediment deficit/surplus

Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

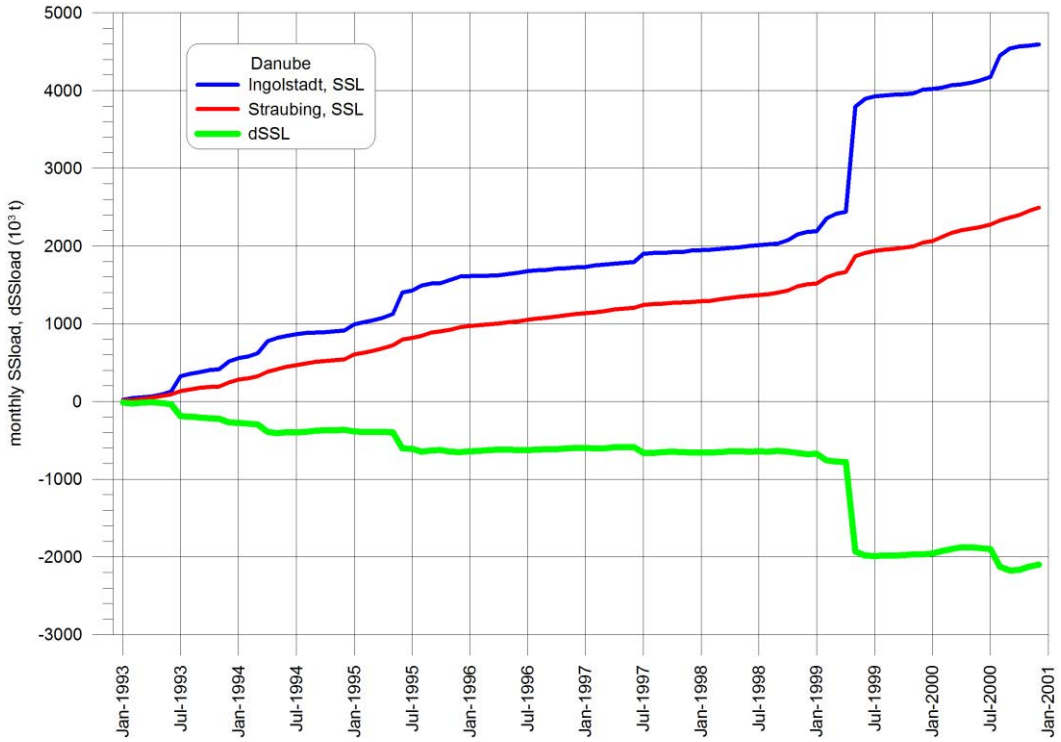
Project co-funded by European Union funds (ERDF, IPA)

Annex 3: Evaluation of the suspended sediment deficit/surplus

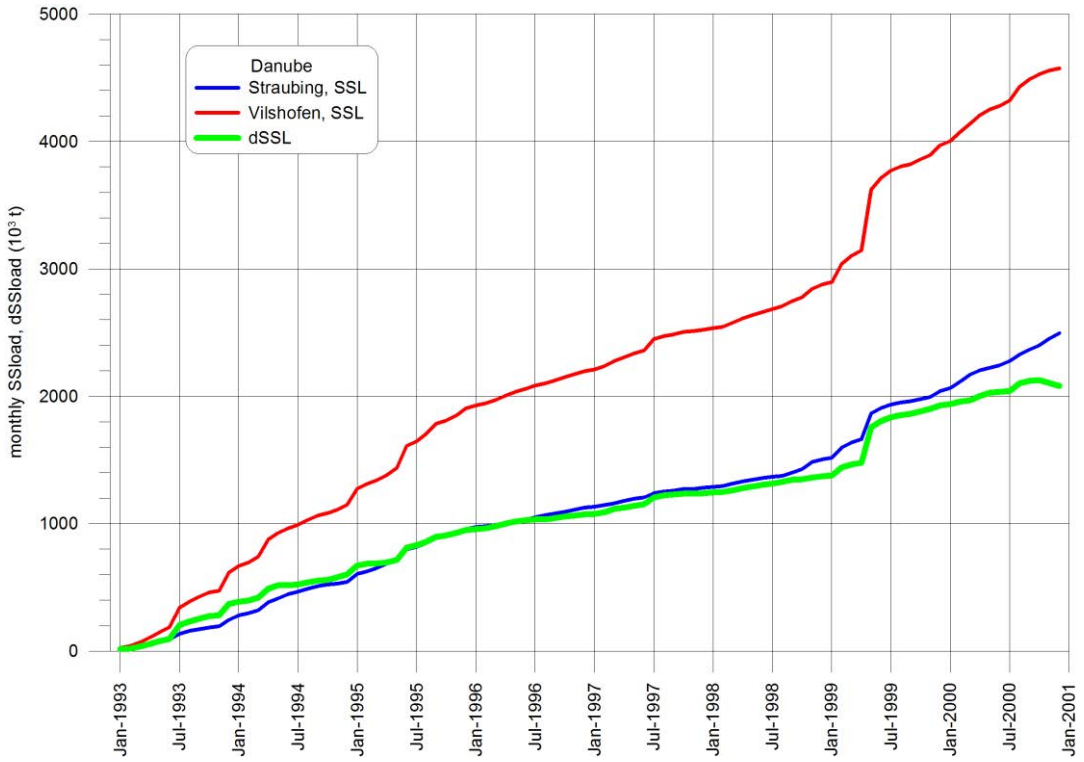
River stretch: Neu Ulm (rkm 2,586.700) – Ingolstadt (2,457.850)



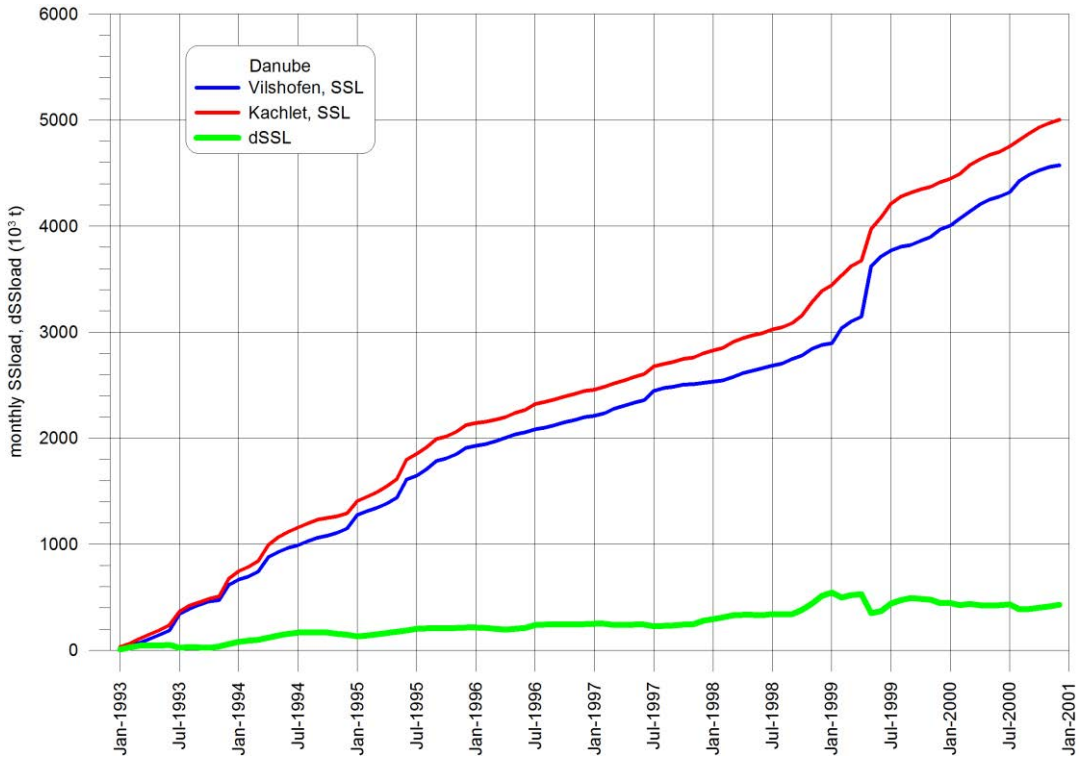
River stretch: Ingolstadt (2,457.850) – Straubing (2,321.290)



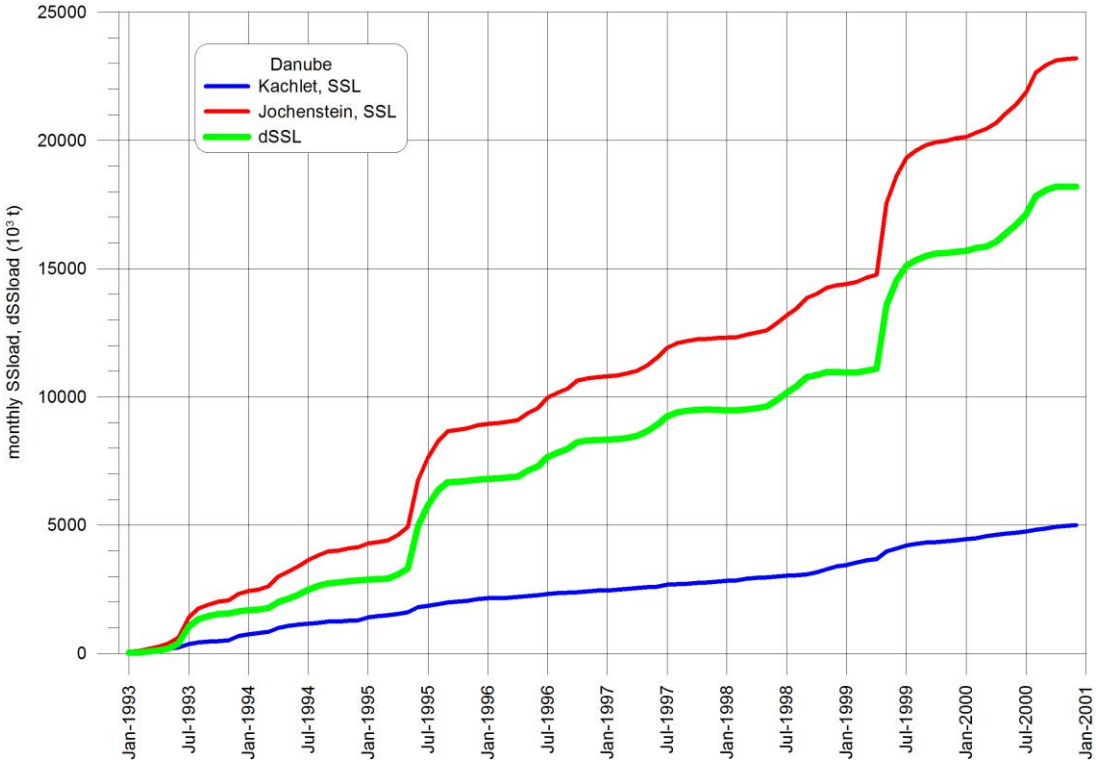
River stretch: Straubing (2,321.290) – Vilshofen (2,249.470)



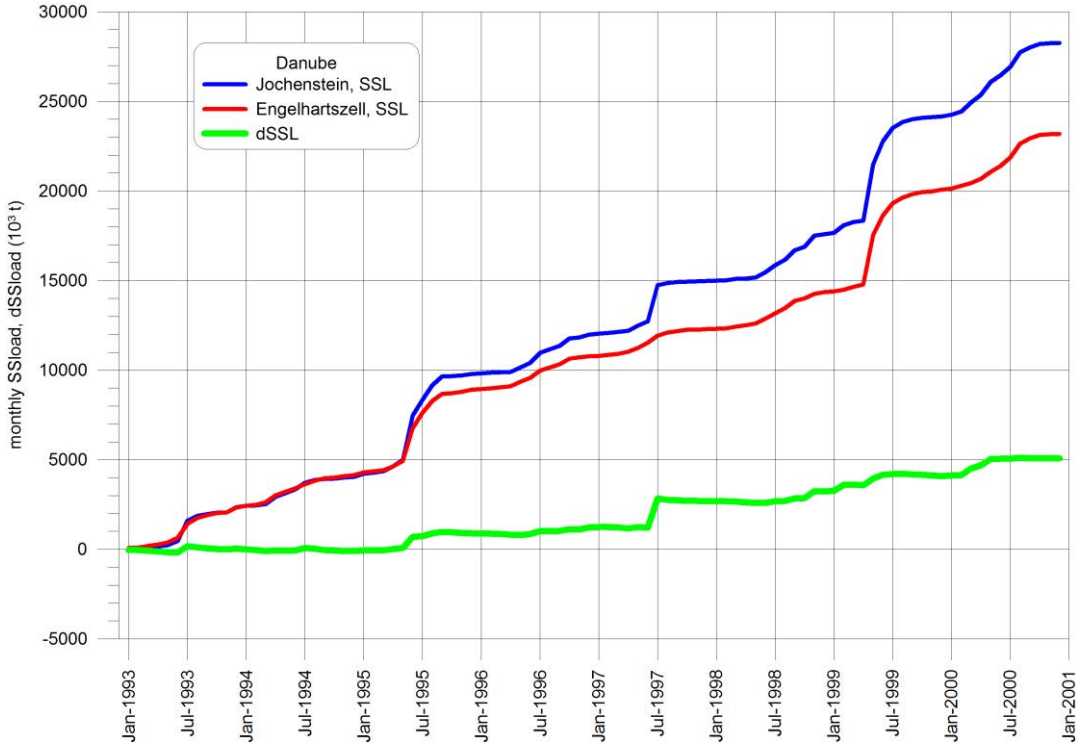
River stretch: Vilshofen (2,249.470) – Kachlet (2,230.800)



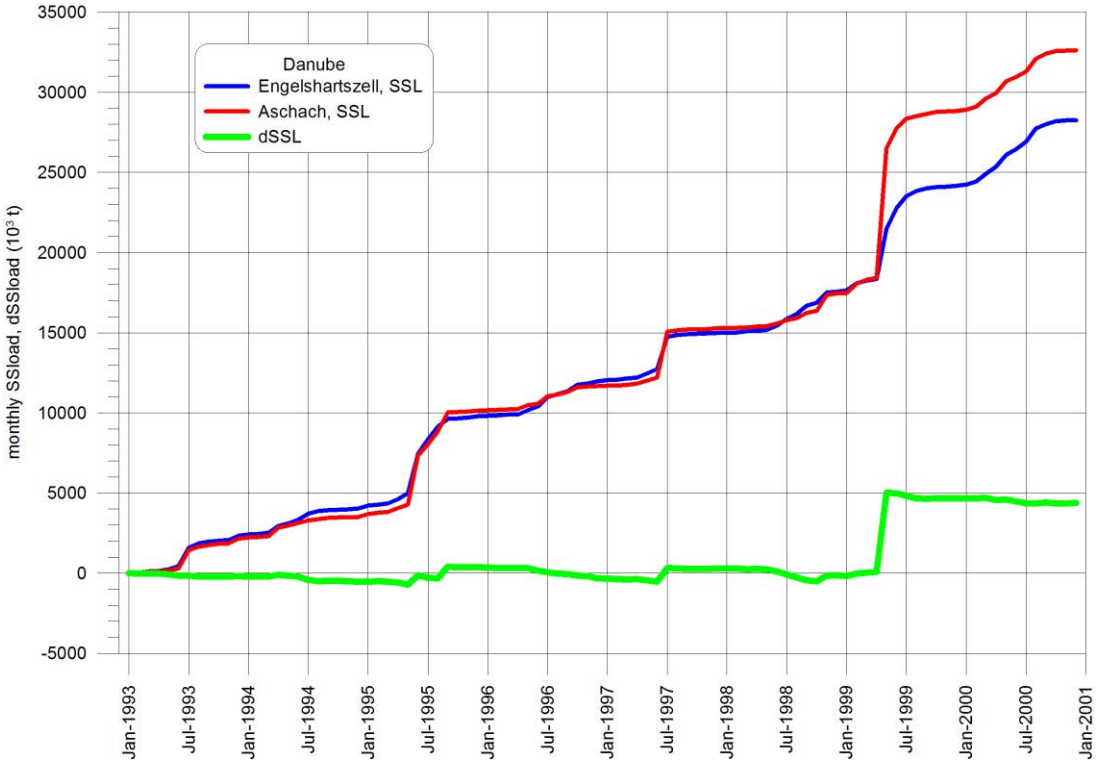
River stretch: Kachlet (2,230.800) – Jochenstein (2,203.300)



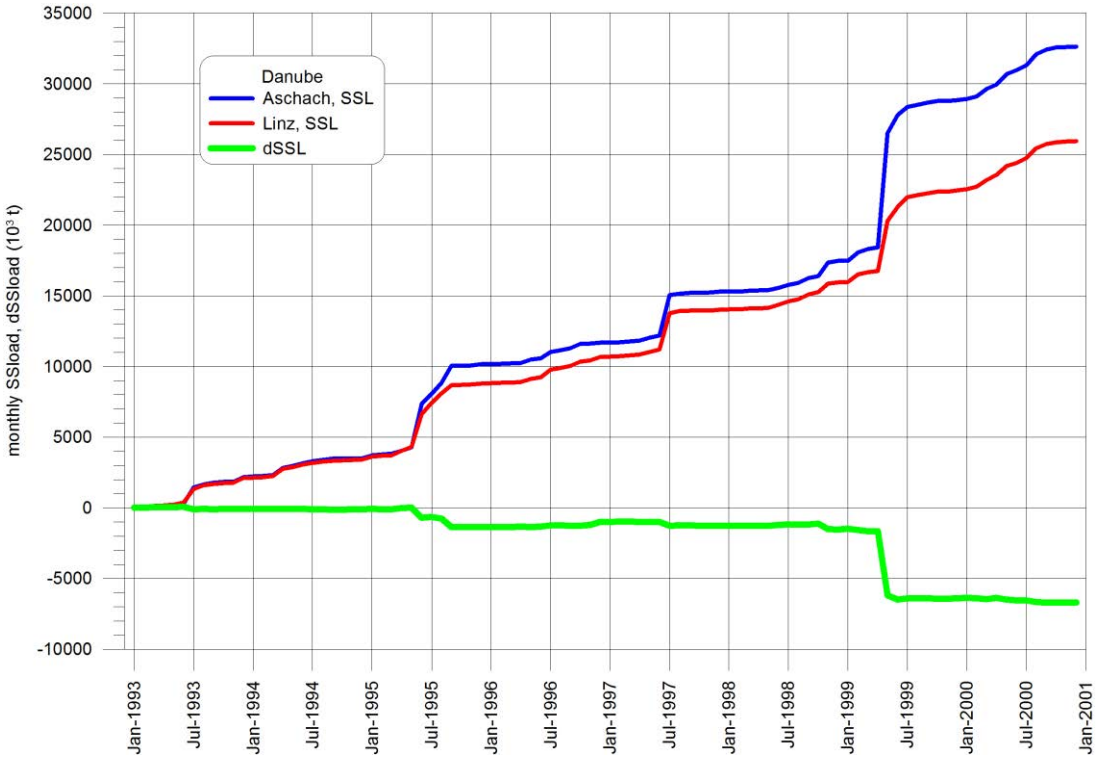
River stretch: Jochenstein (2,203.300) – Engelhartszell (2,200.660)



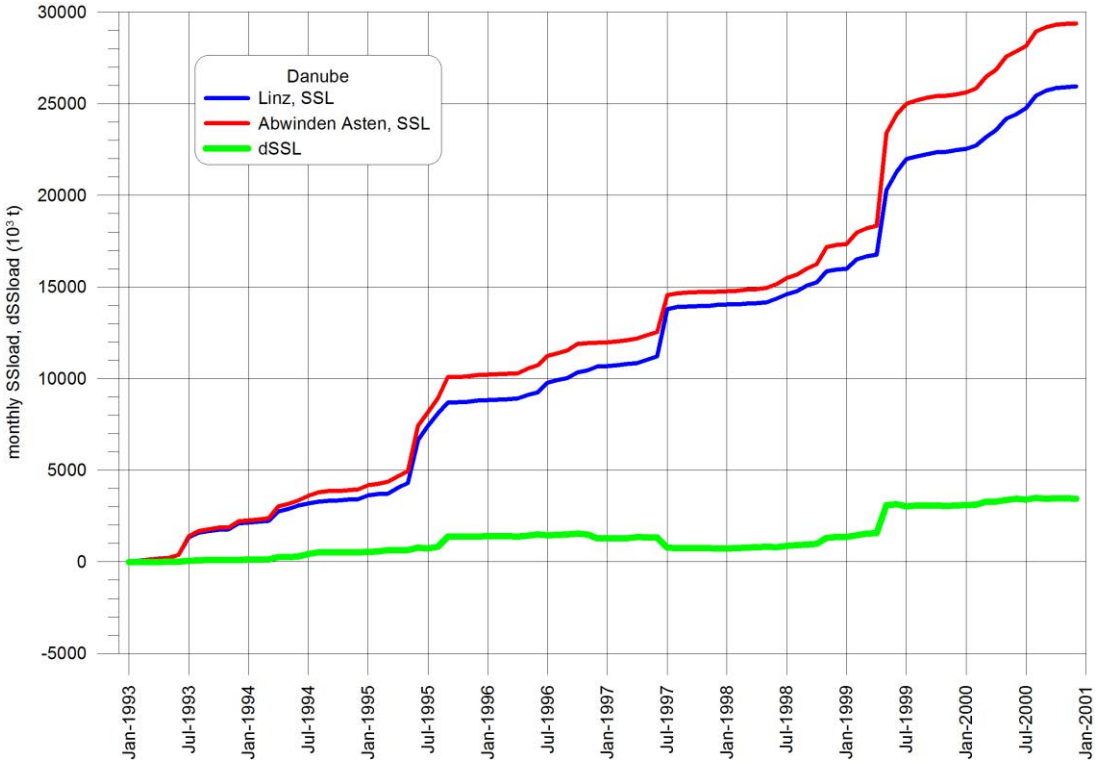
River stretch: Engelhartszell (2,200.660) – Aschach (2,161.270)



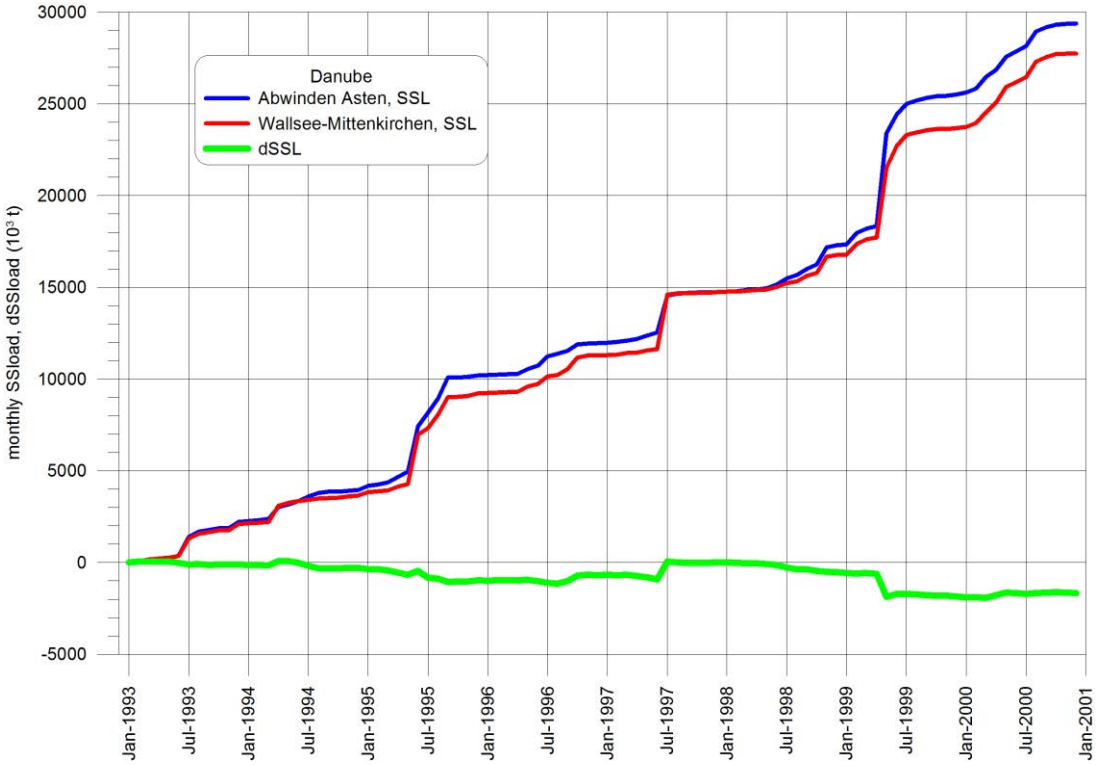
River stretch: Aschach (2,161.270) – Linz (2,135.170)



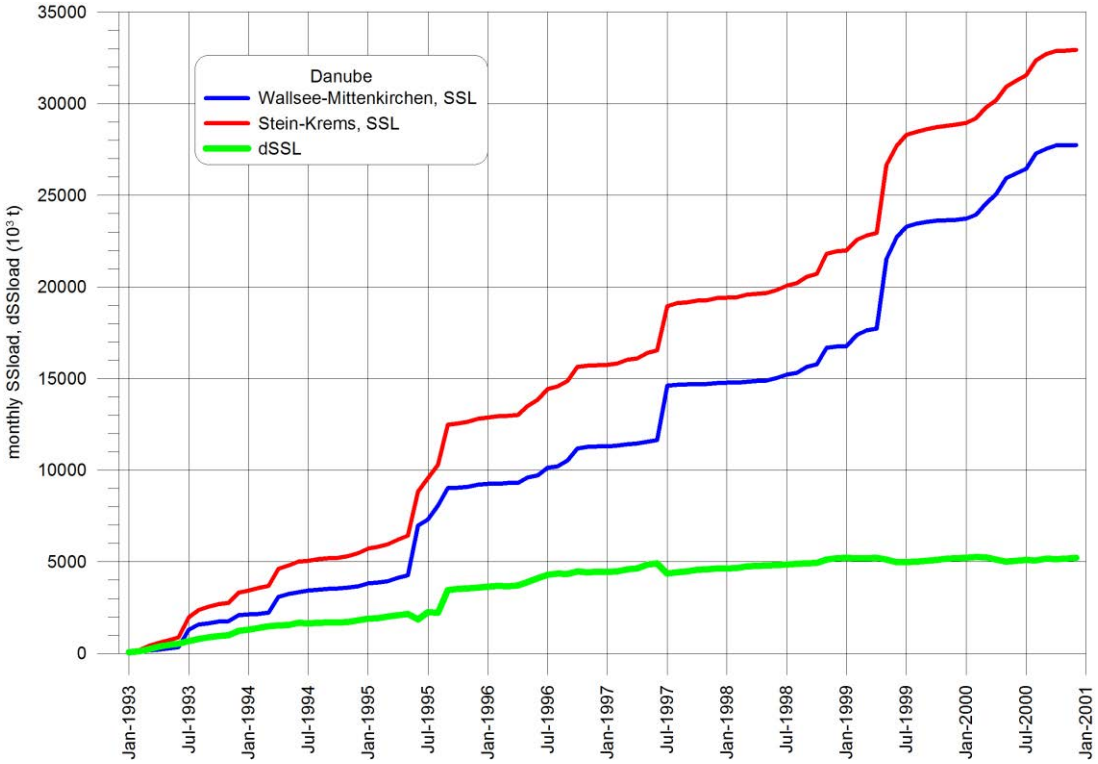
River Stretch: Linz (2,135.170) – Abwinden Asten (2,119.940)



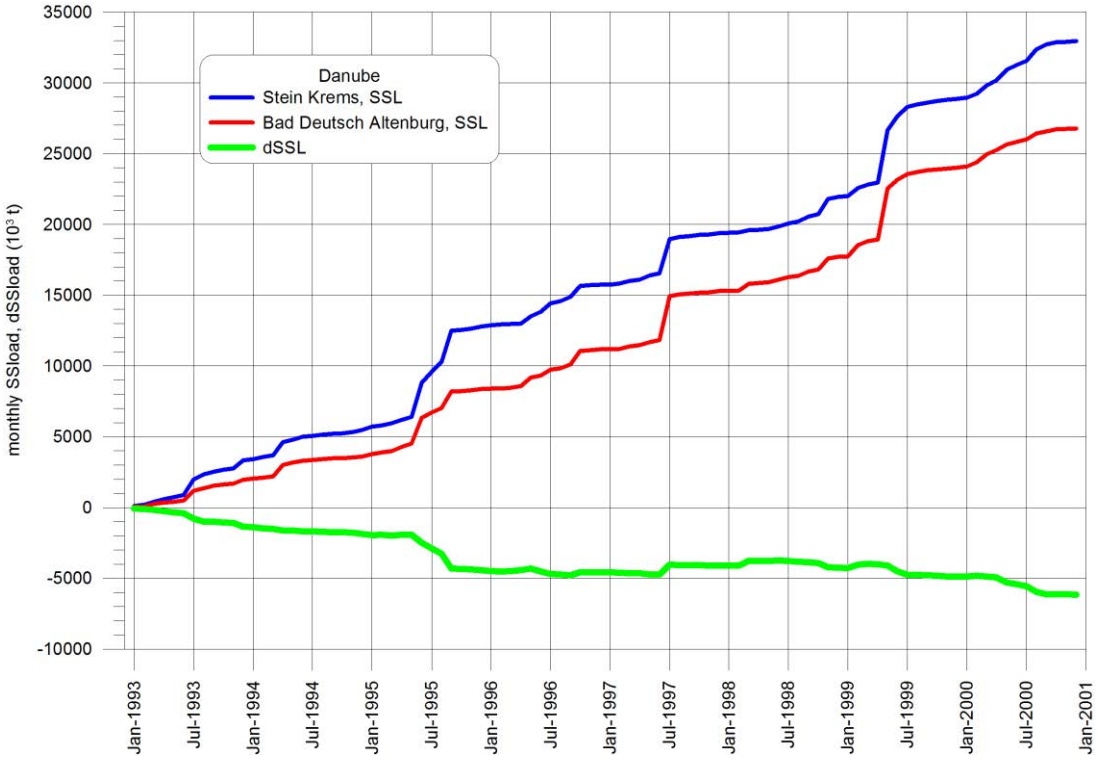
River stretch: Abwinden Asten (2,119.940) – Wallsee-Mittenkirchen (2,094.210)



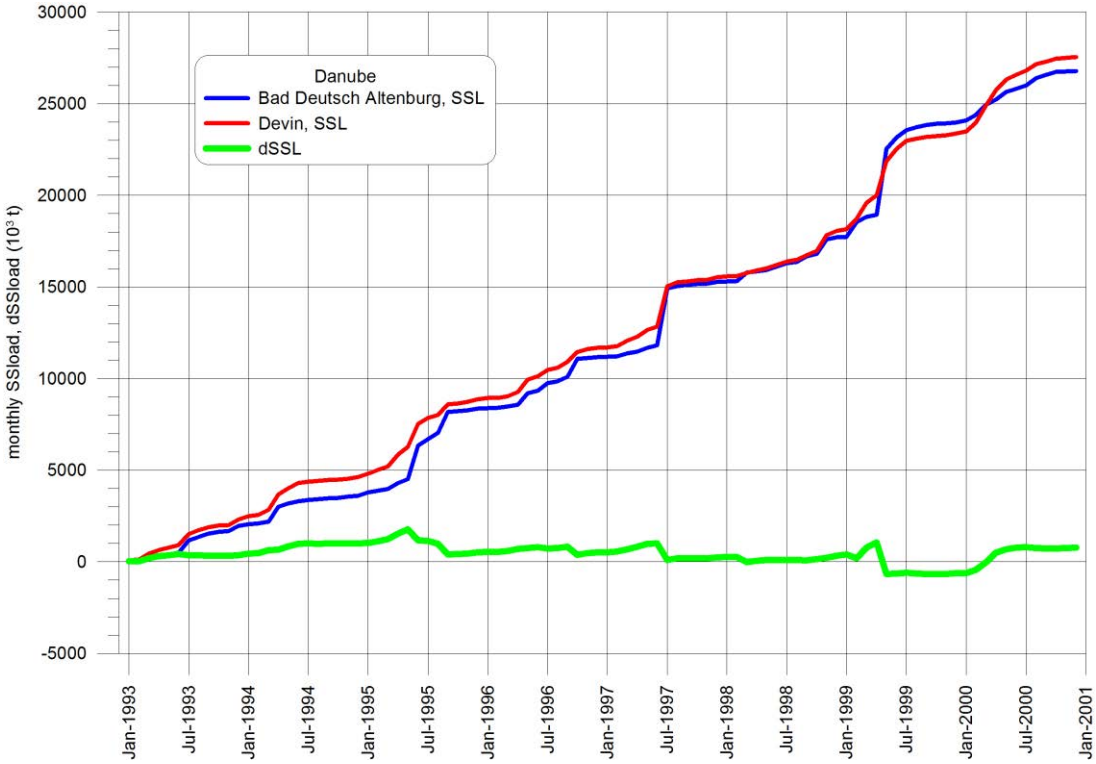
River stretch: Wallsee-Mittenkirchen (2,094.210) – Stein-Krems (,2002.690)



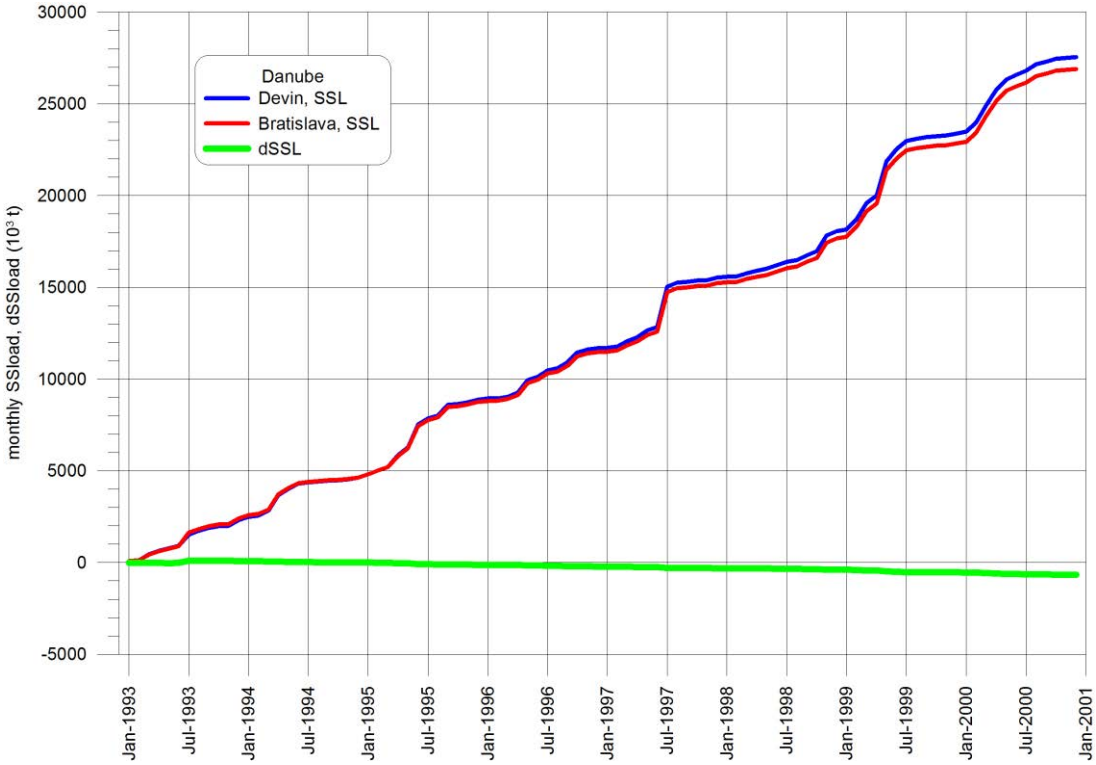
River stretch: Stein-Krems (2,002.690) – Bad Deutsch Altenburg (rkm 1,887.700)



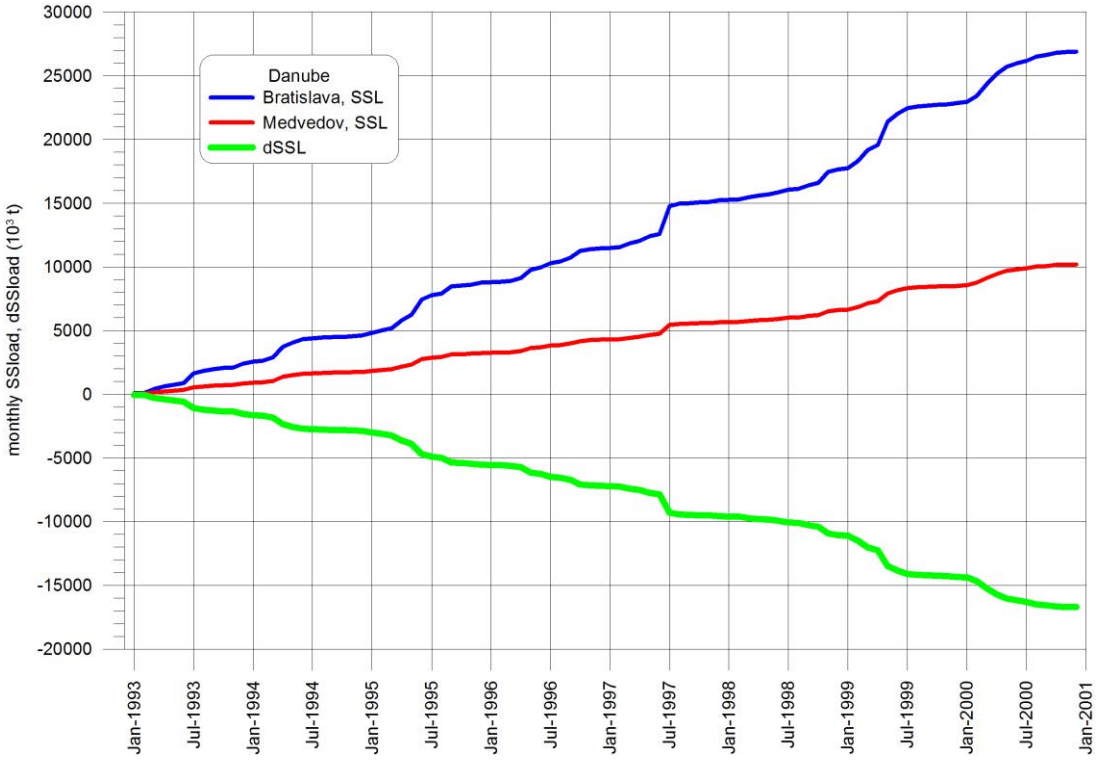
River stretch: Bad Deutsch Altenburg (1,887.000) – Devin (1,878.150)



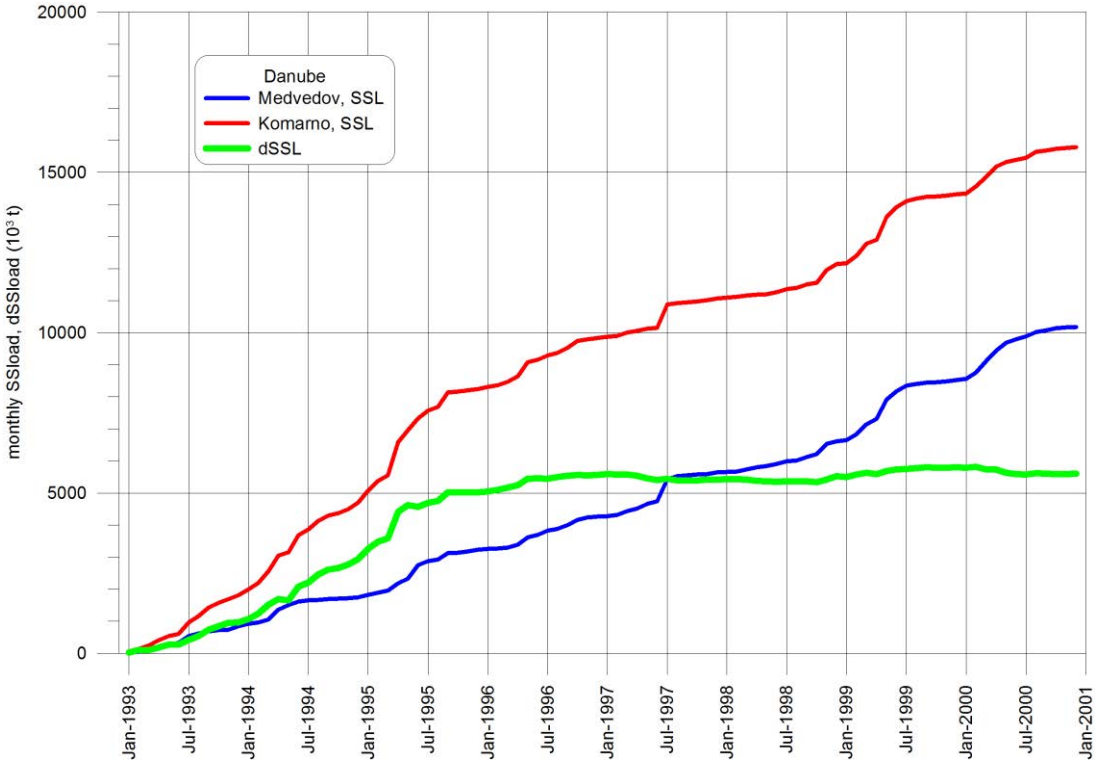
River stretch: Devin (1,878.150) – Bratislava (1,871.300)



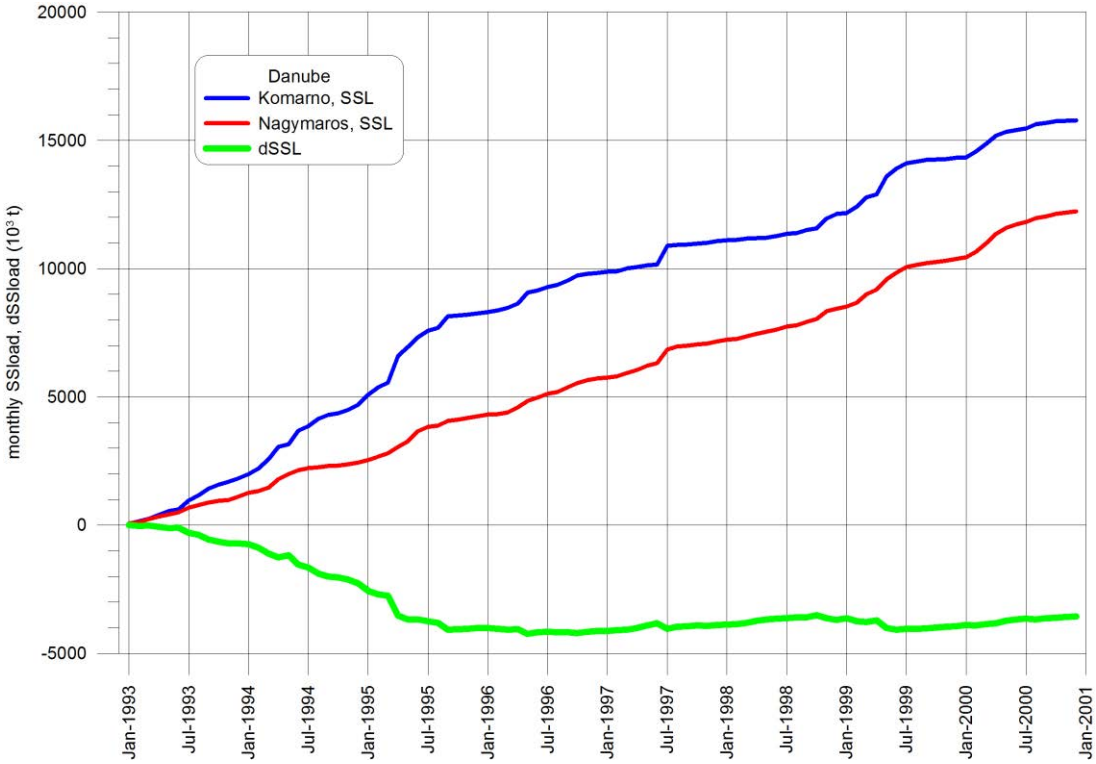
River stretch: Bratislava (1,871.300) – Medvedov (1,806.300)



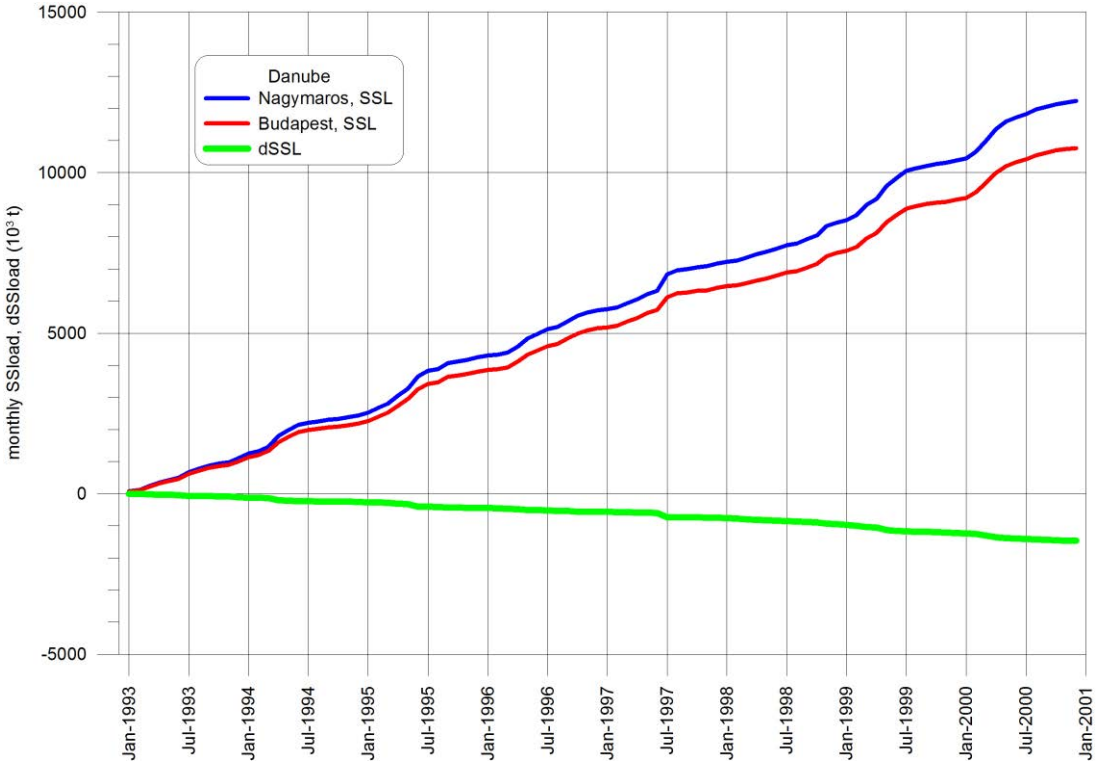
River stretch: Medveďov (1,806.300) – Komárno (1,767.800)



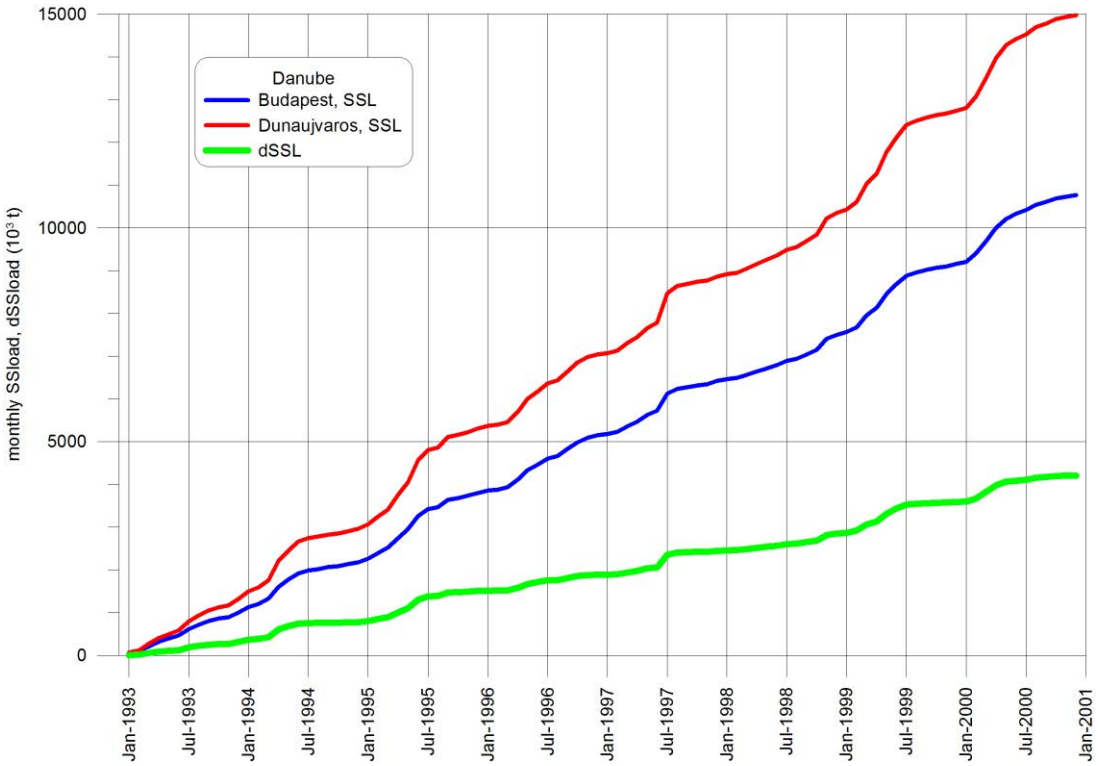
River stretch: Komárno (1,767.800) – Nagymaros (1,694.00)



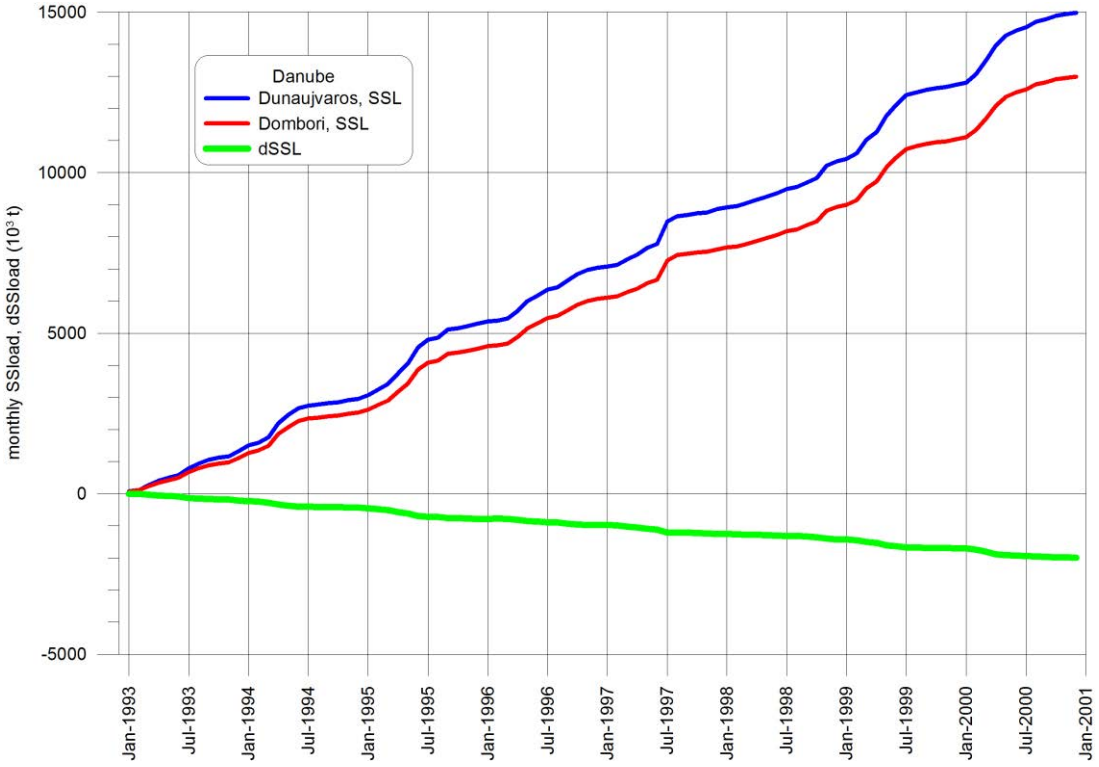
River stretch: Nagymaros (1,694.000) – Budapest (1,646.500)



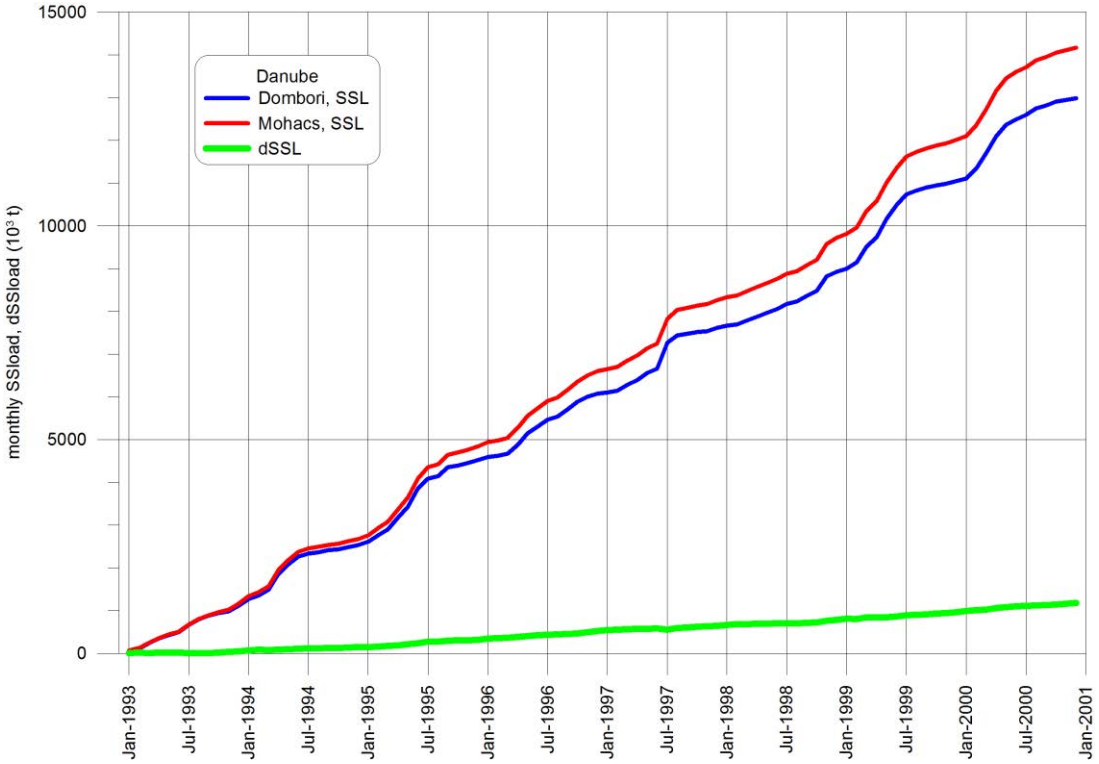
River stretch: Budapest (1,646.500) – Dunaujváros (1,580.600)



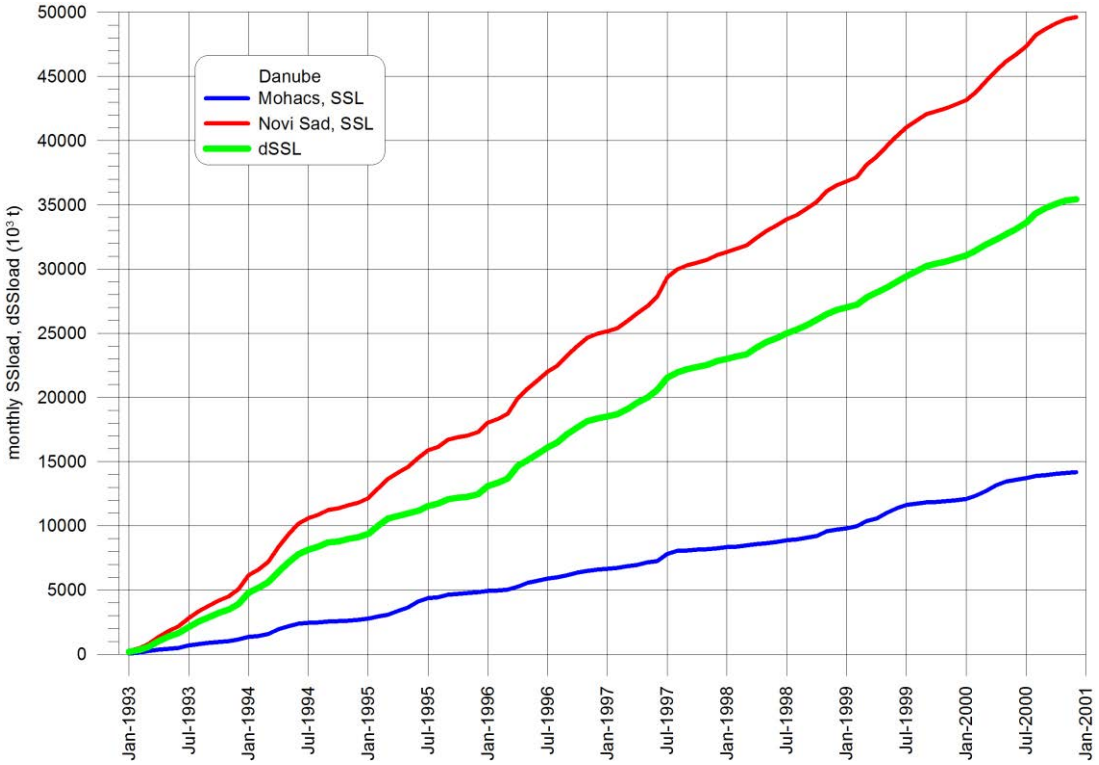
River stretch: Dunaujváros (1,580.600) – Dombori (1,506.800)



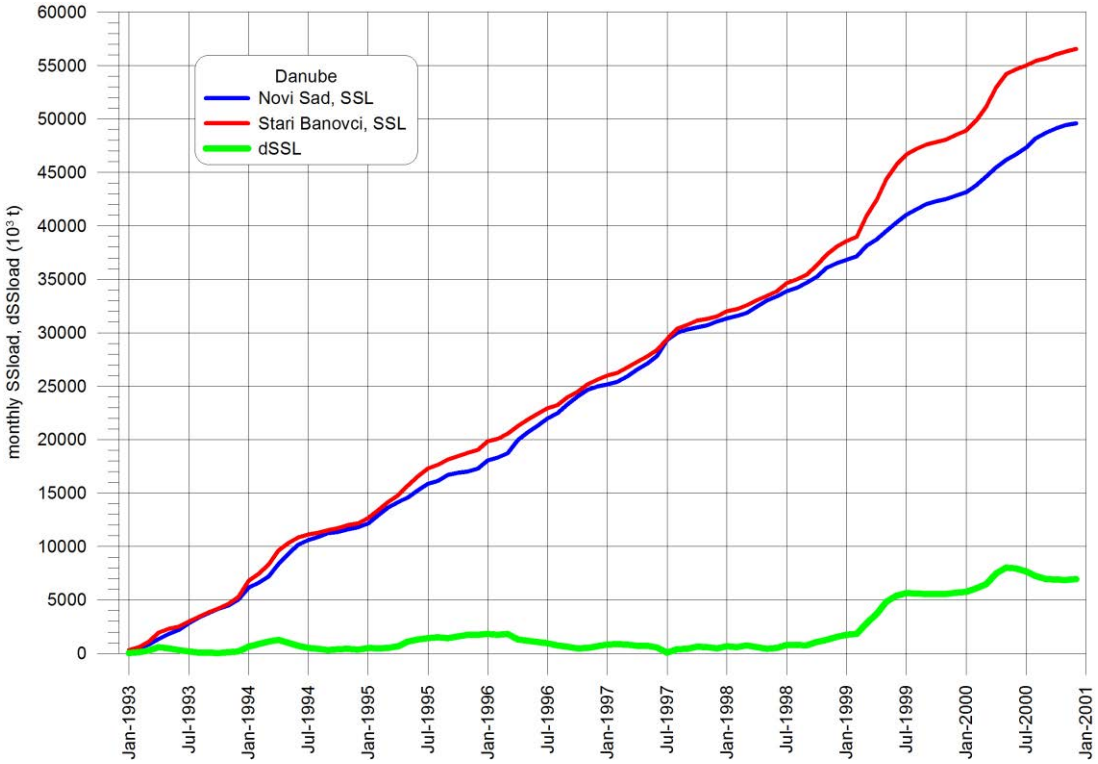
River stretch: Dombori (1,506.800) – Mohács (1,446.900)



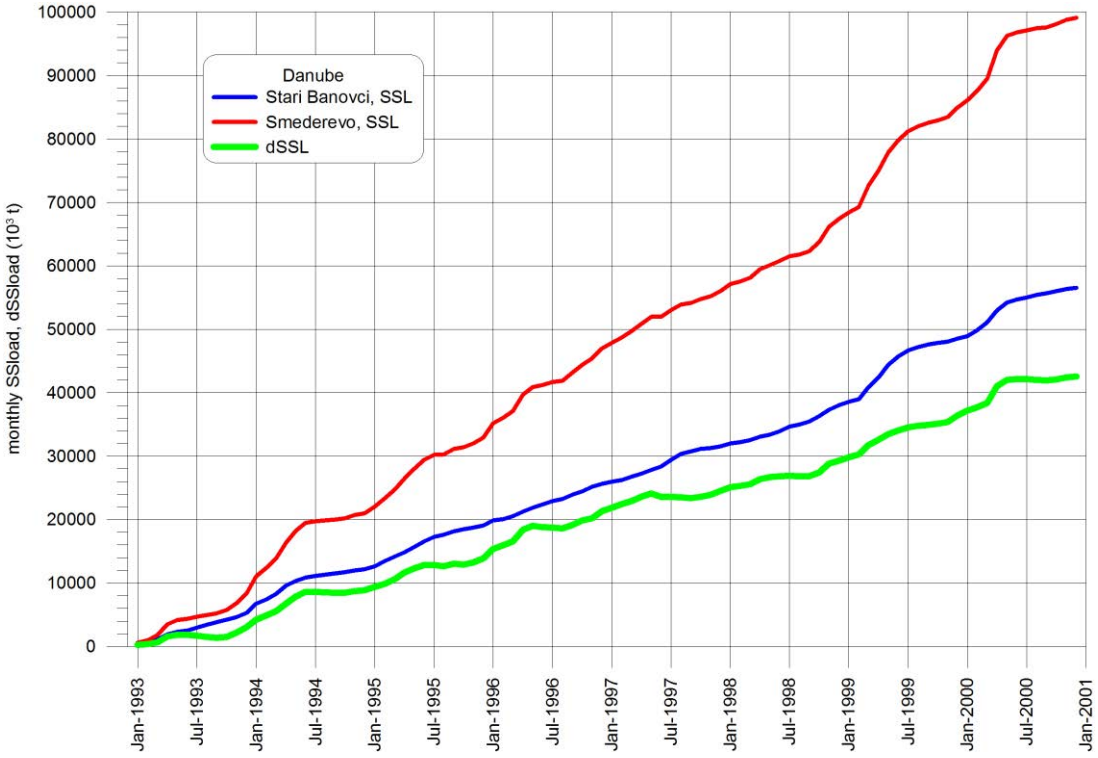
River stretch: Mohács (1,446.900) – Novi Sad (1,257.100)



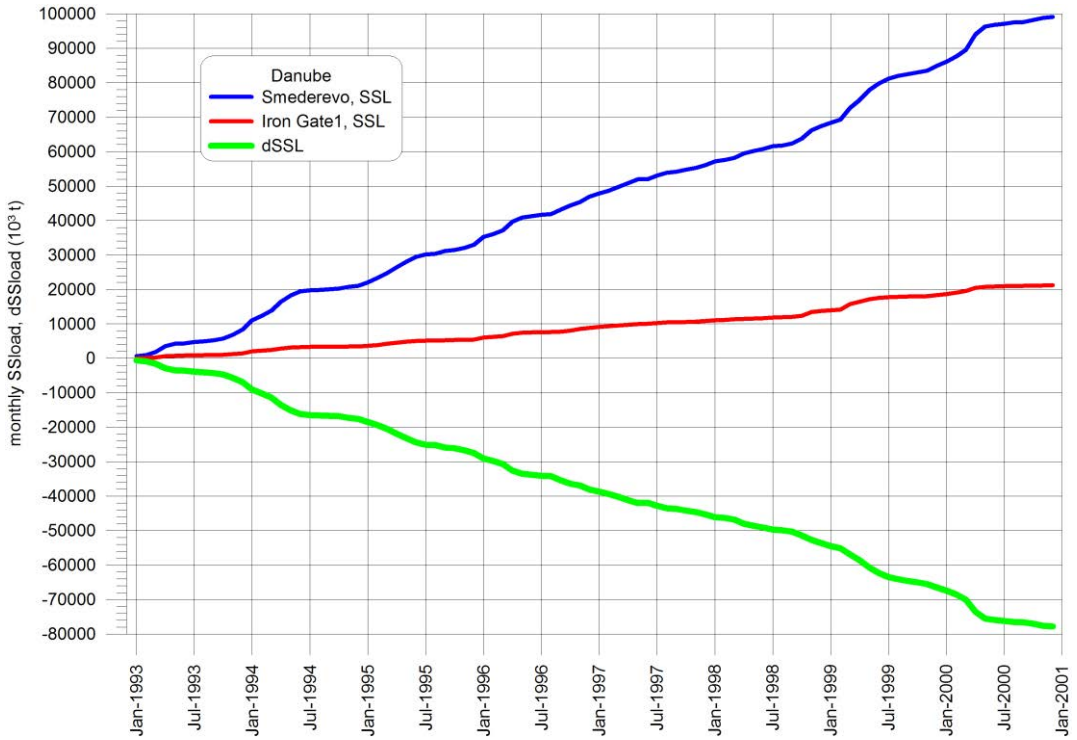
River stretch: Novi Sad (1,257.100) – Stari Banovci (1,192.350)



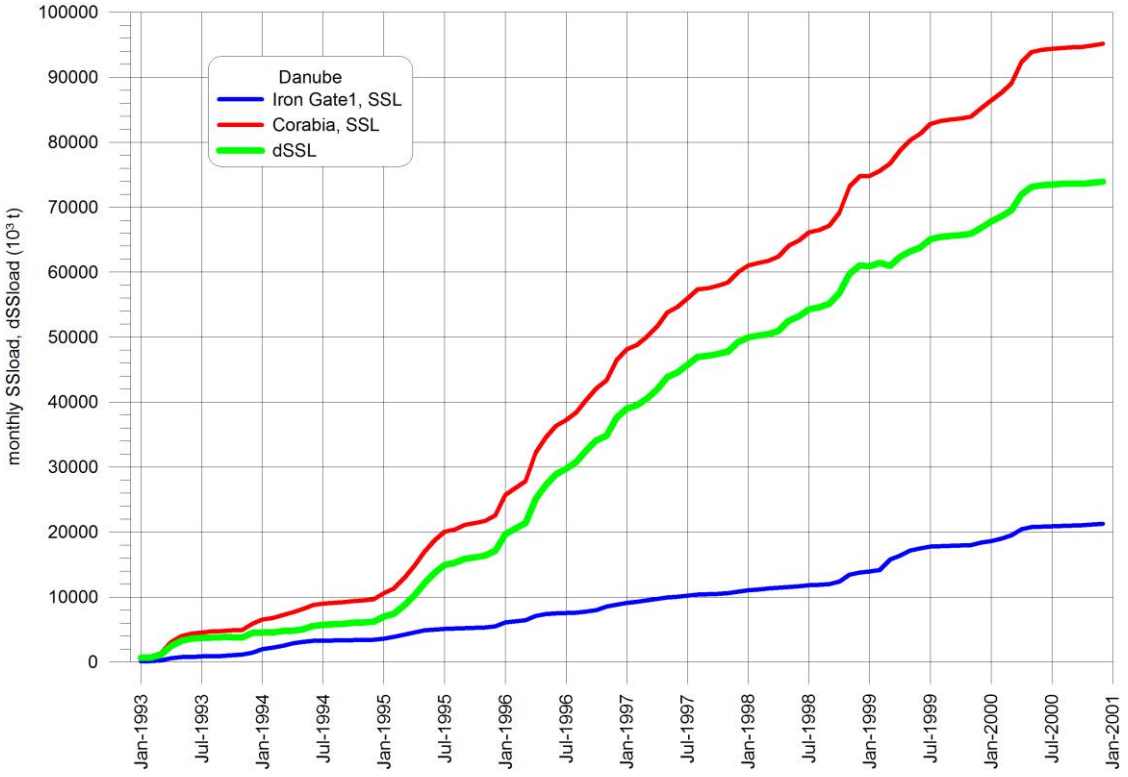
River stretch: Stari Banovci (1,192.350) – Smederevo (1,110.400)



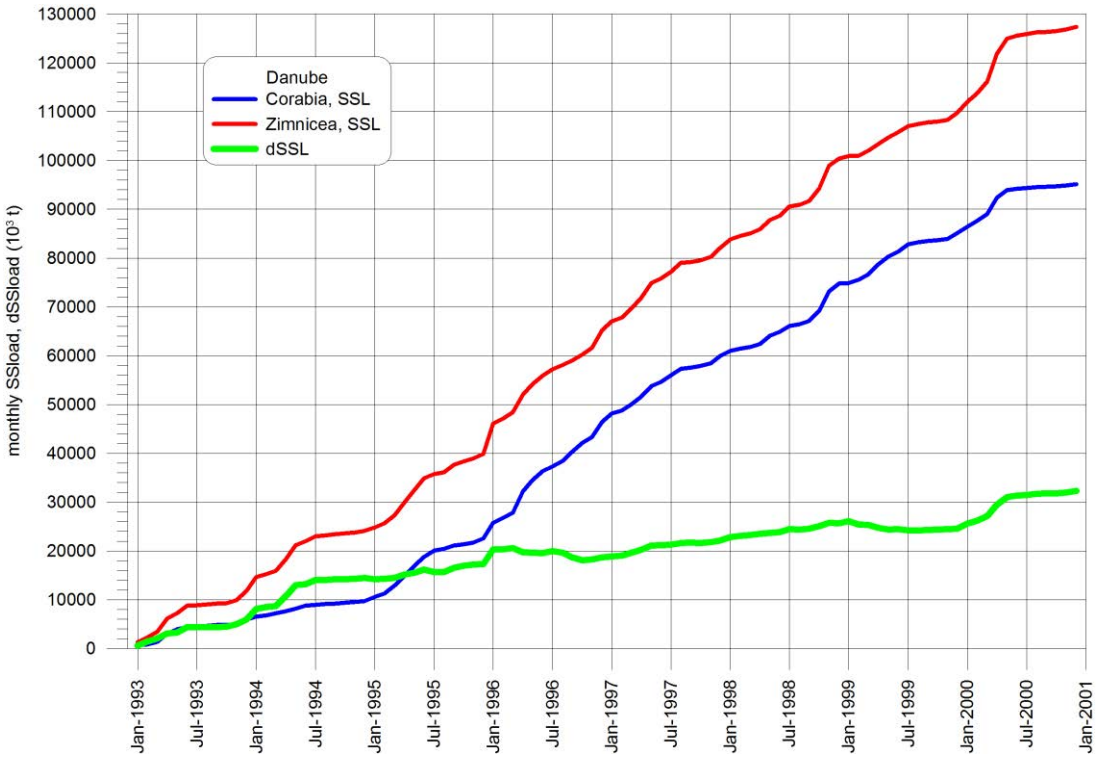
River stretch: Smederevo (1,110.400) – Iron Gate 1 (943.000)



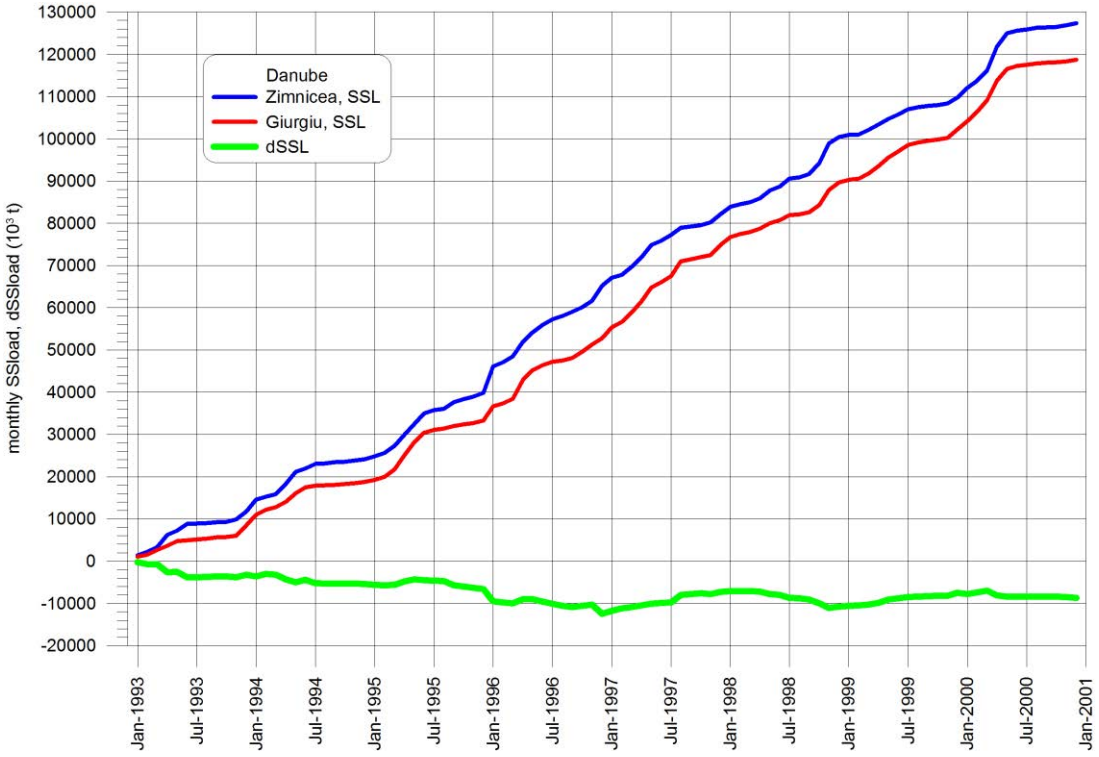
River stretch: Iron Gate1 (943.000) – Corabia (624.200)



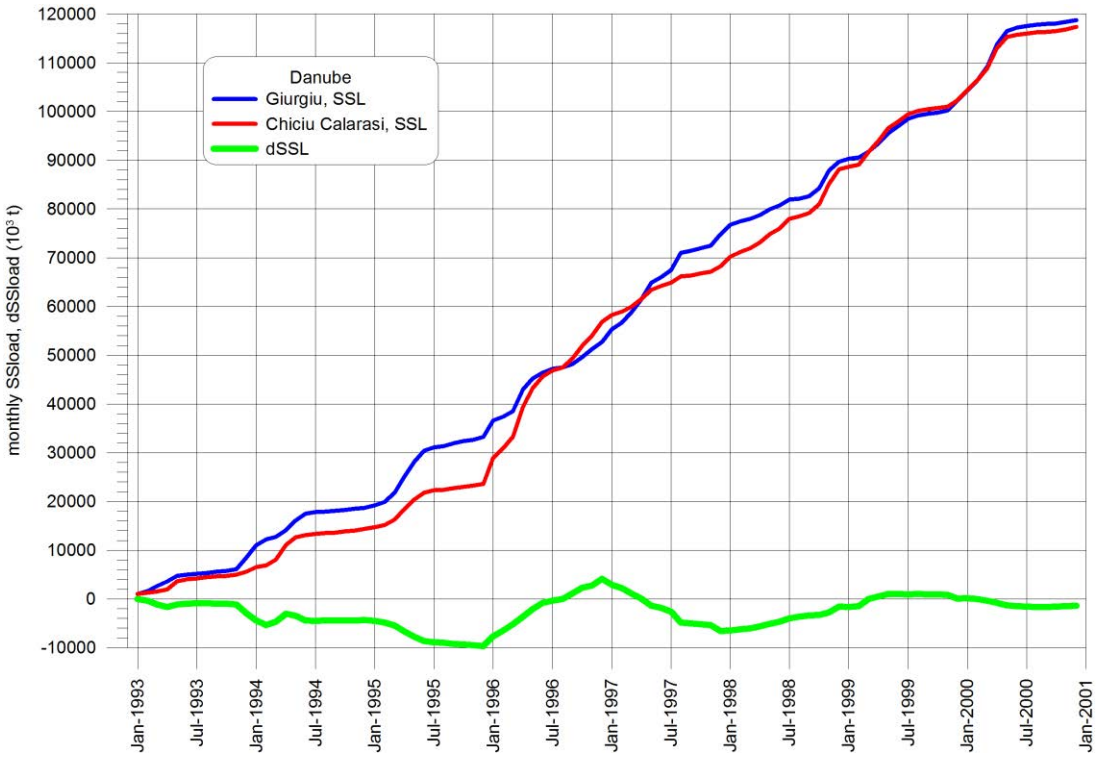
River stretch: Corabia (624.200) – Zimnicea (553.230)



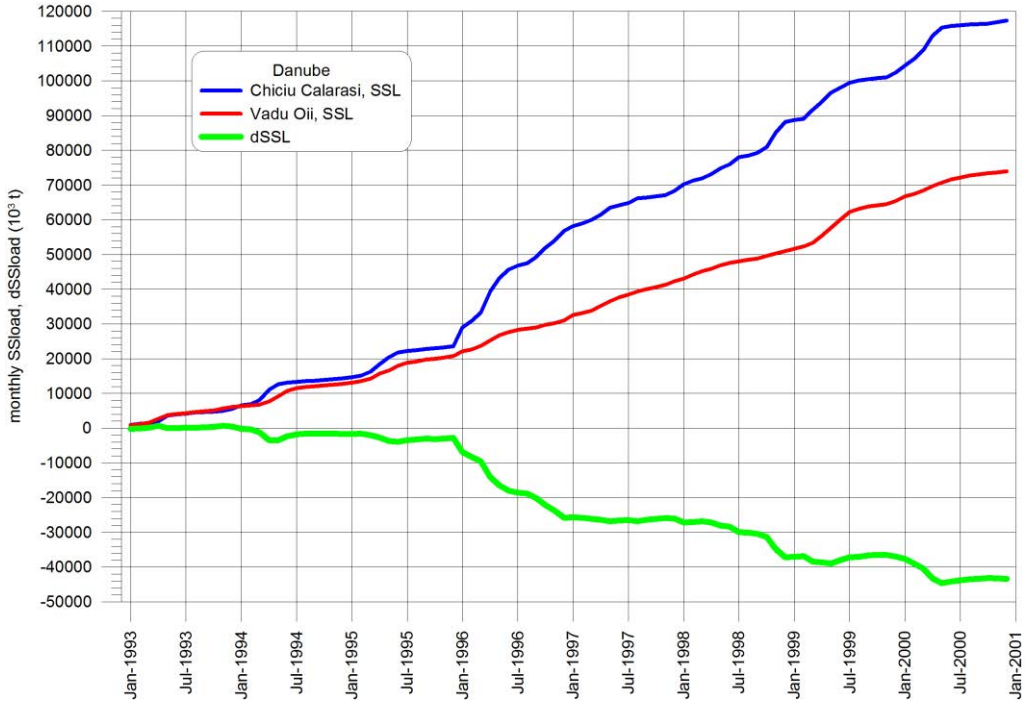
River stretch: Zimnicea (553.230) – Giurgiu (543.000)



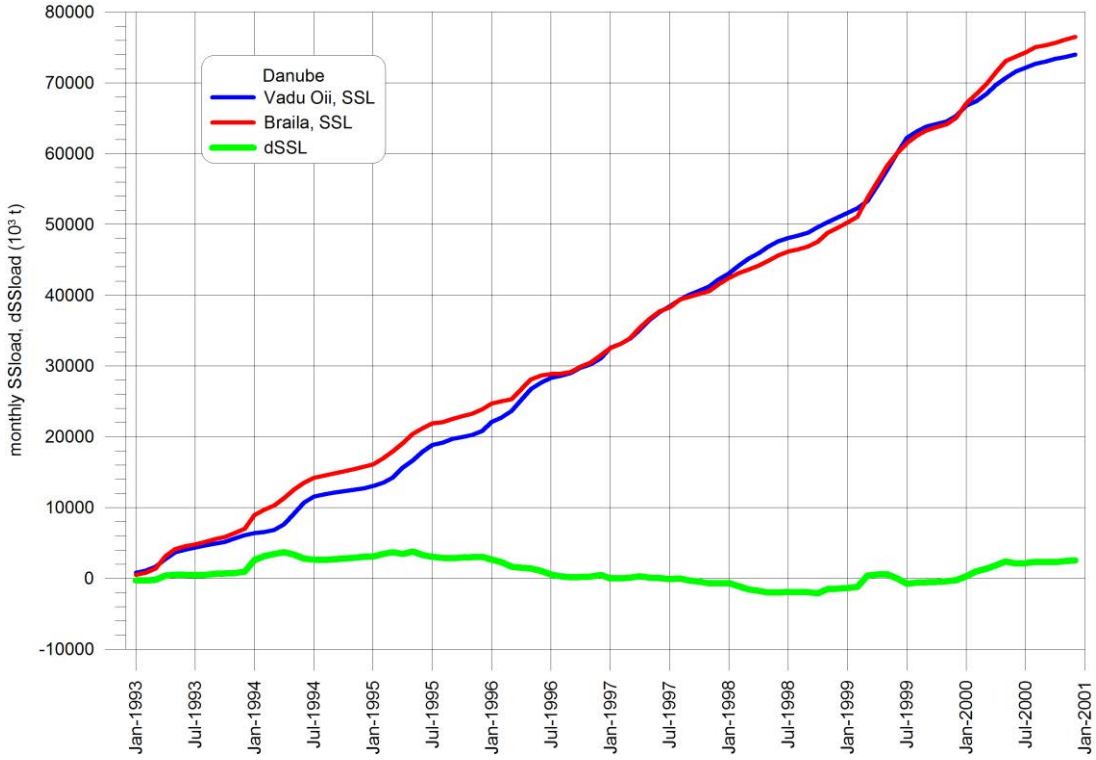
River stretch: Giurgiu (543.000) – Chiciu Calarasi (379.580)



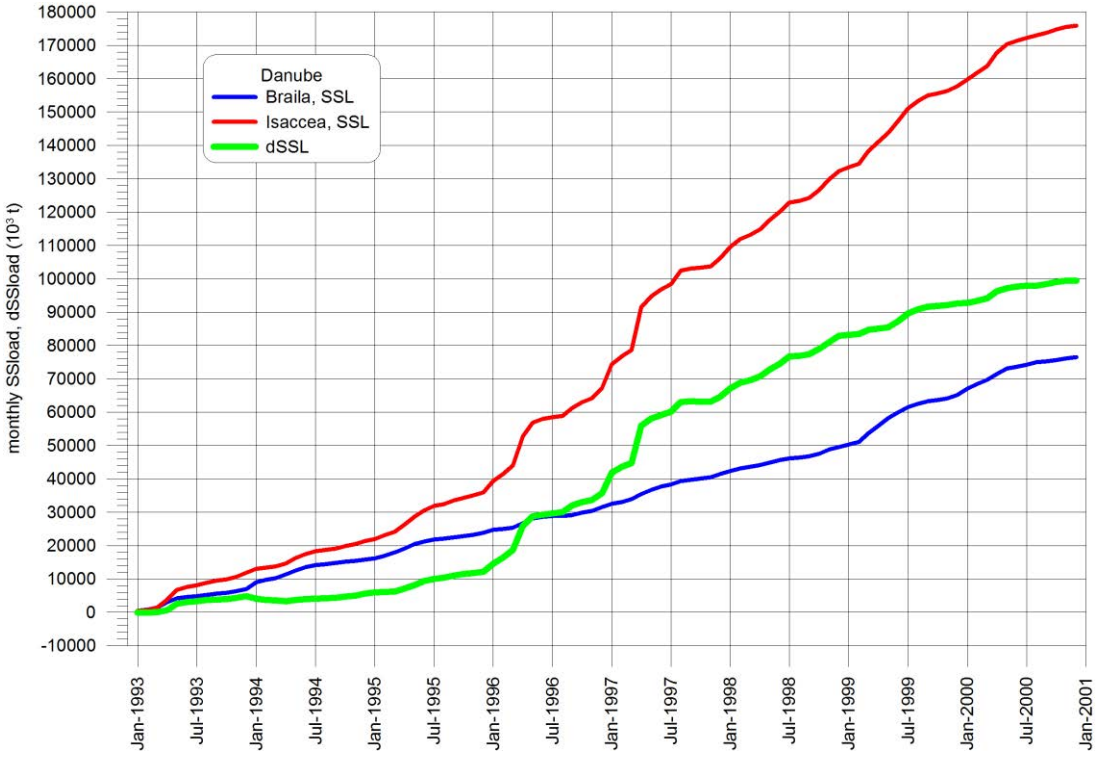
River stretch: Chiciu Calarasi (379.580) – Vadu Oii (238.000)



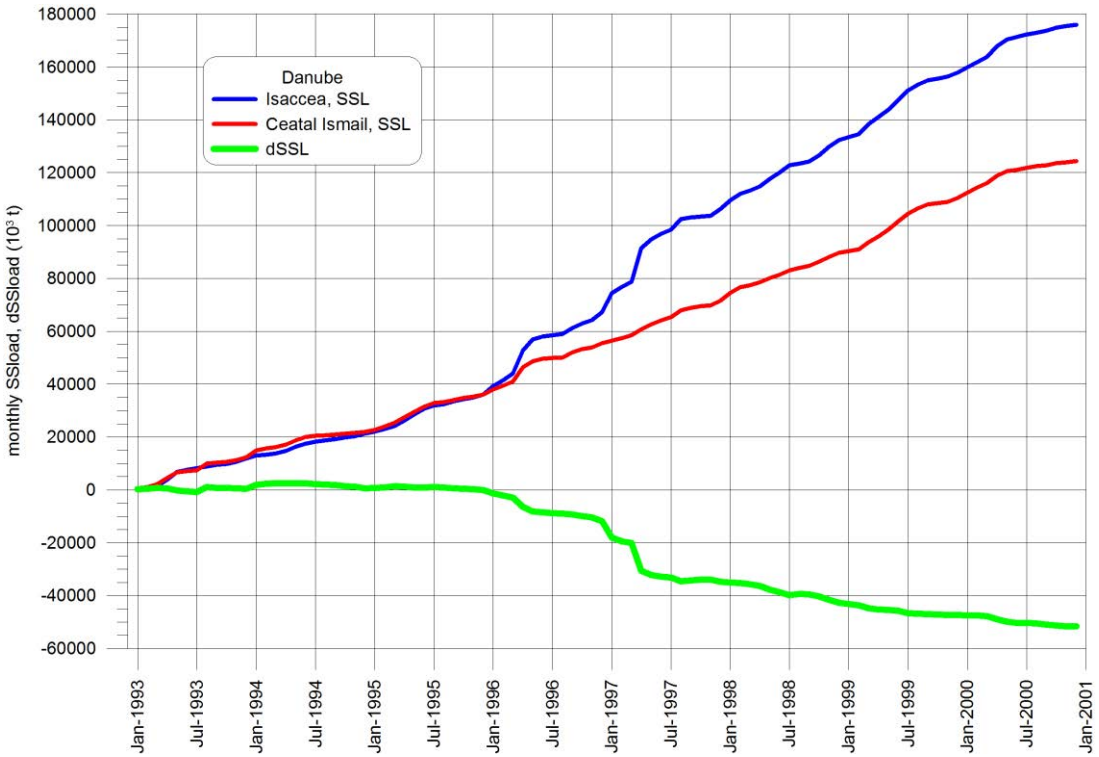
River stretch: Vadu Oii (238.000) – Braila (167.000)



River stretch: Braila (167.000) – Isaccea (100.200)



River stretch: Isaccea (100.200) – Ceatal Izmail (80.500)



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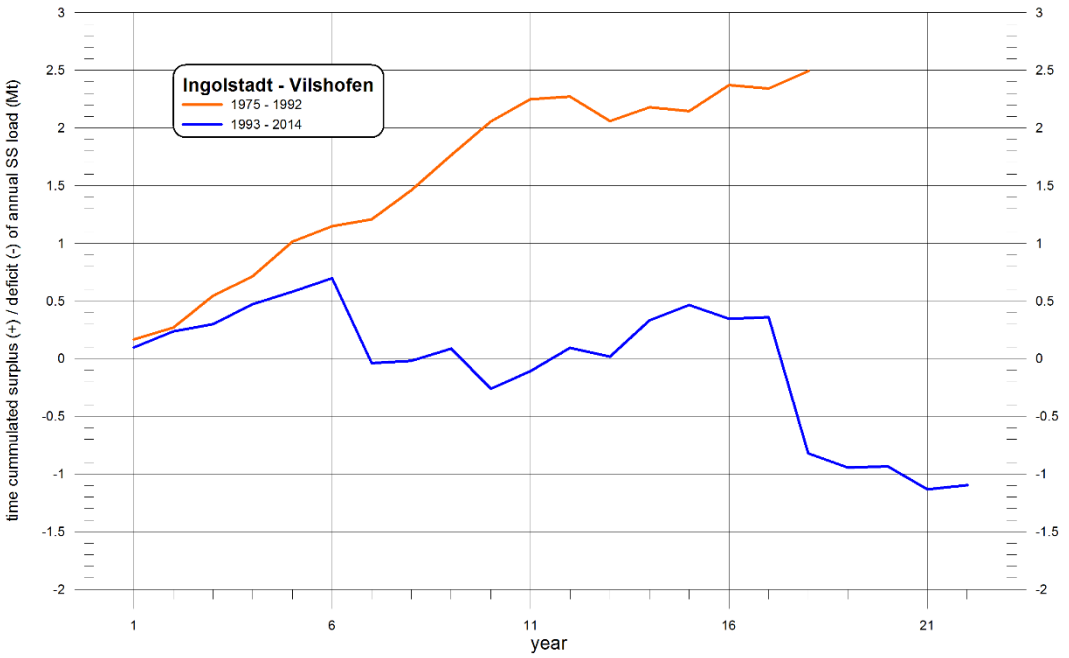
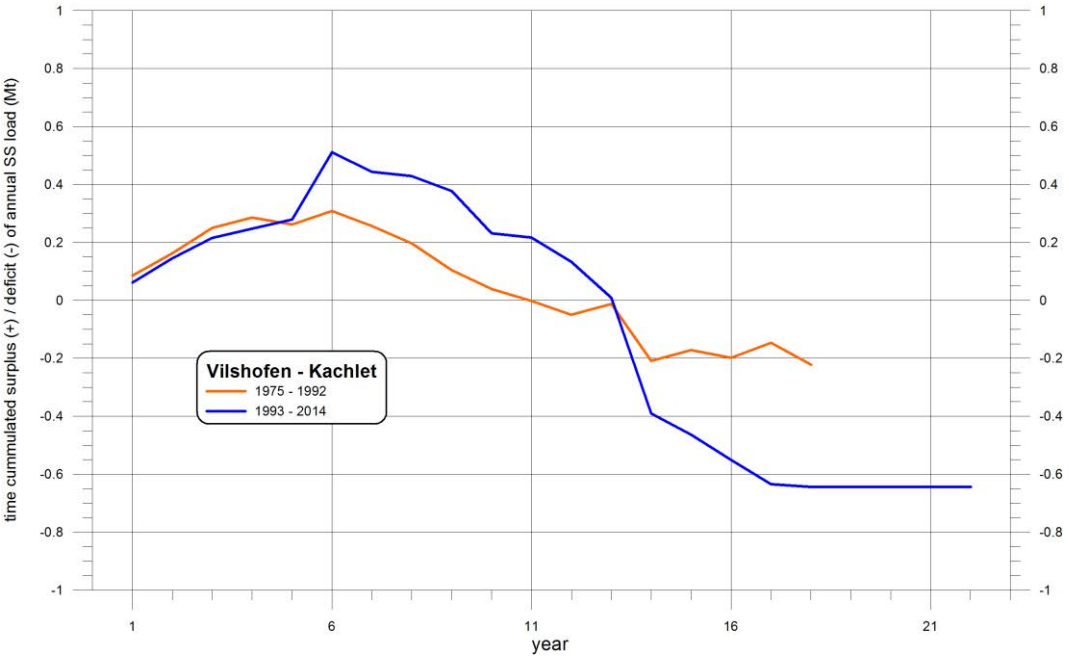
Annex 4: Evaluation of the suspended sediment deficit/surplus, compared with the historical data

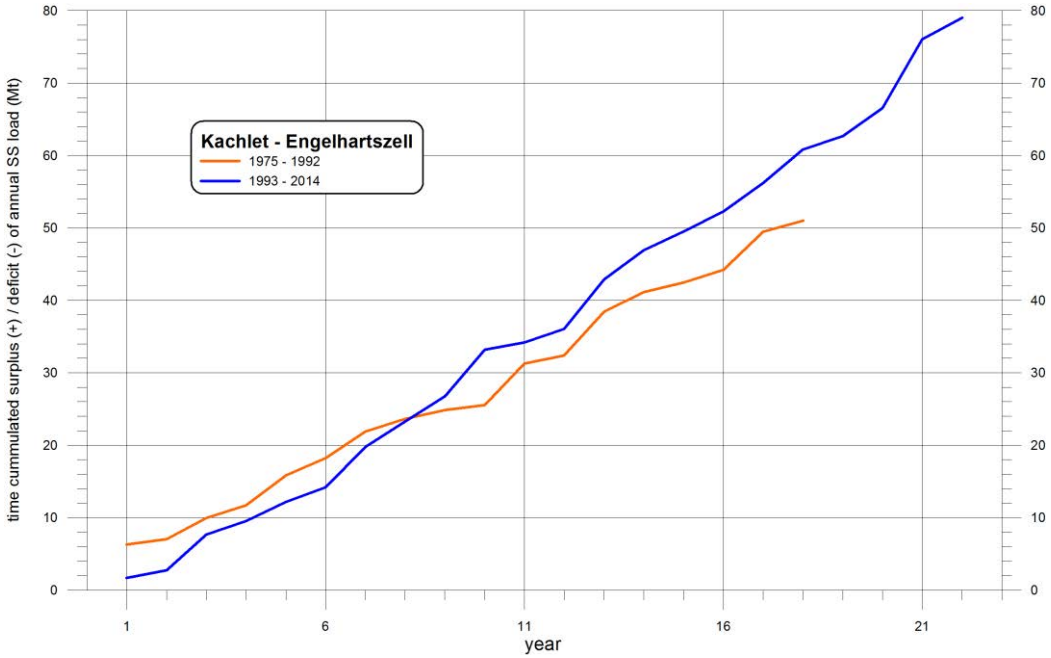
Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

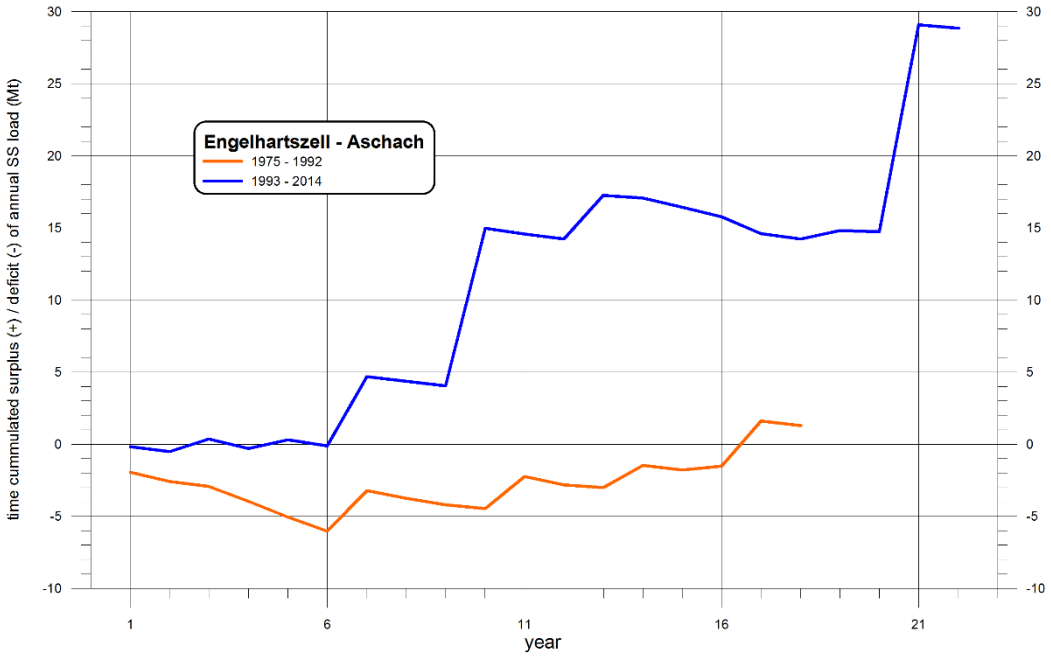
Project co-funded by European Union funds (ERDF, IPA)

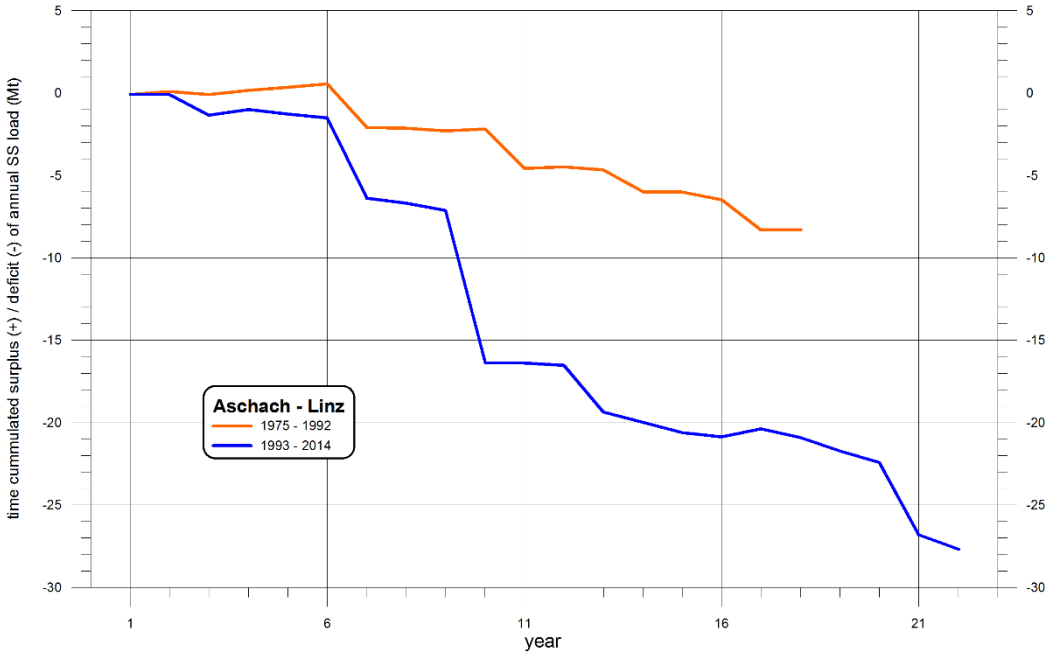
Annex 4: Evaluation of the suspended sediment deficit/surplus, compared with the historical data

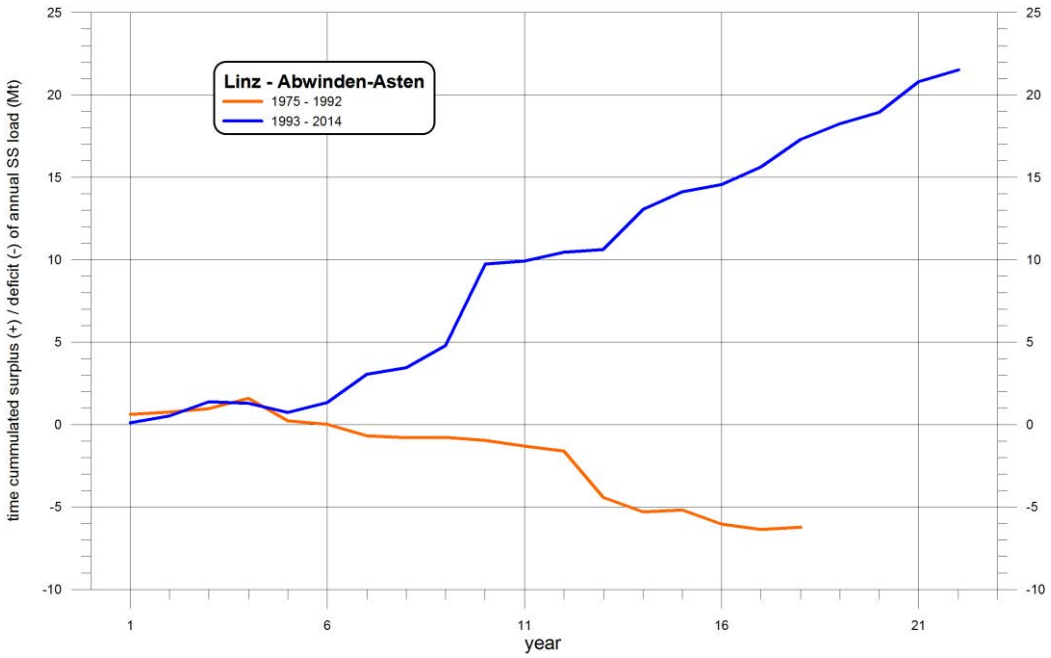


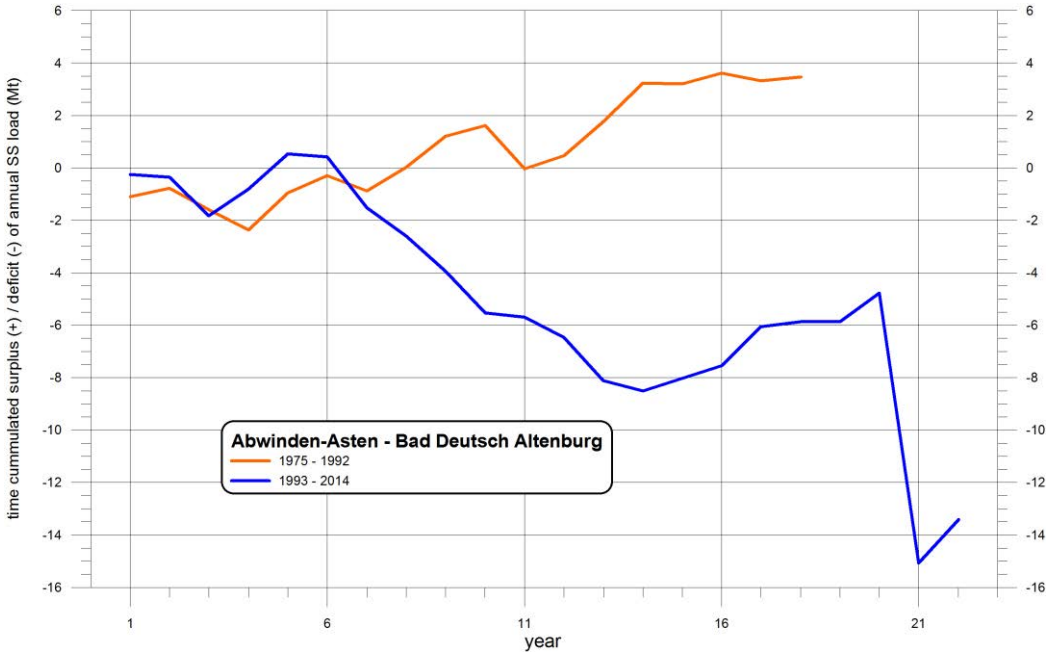


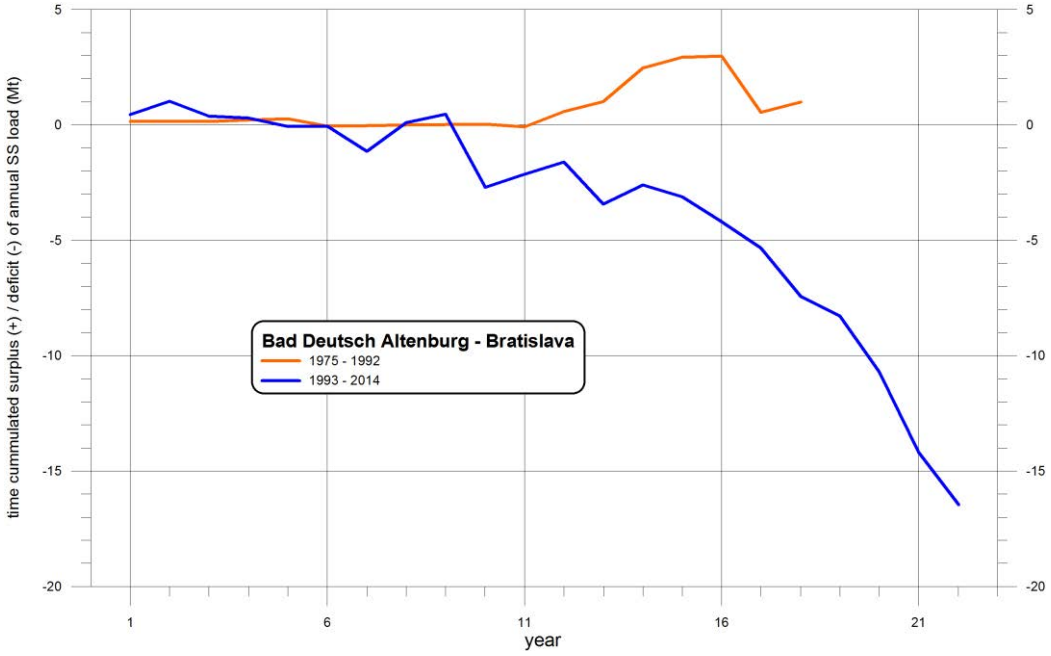

Kachlet - Engelhartszell
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
80
70
60
50
40
30
20
10
0
1
6
11
16
21

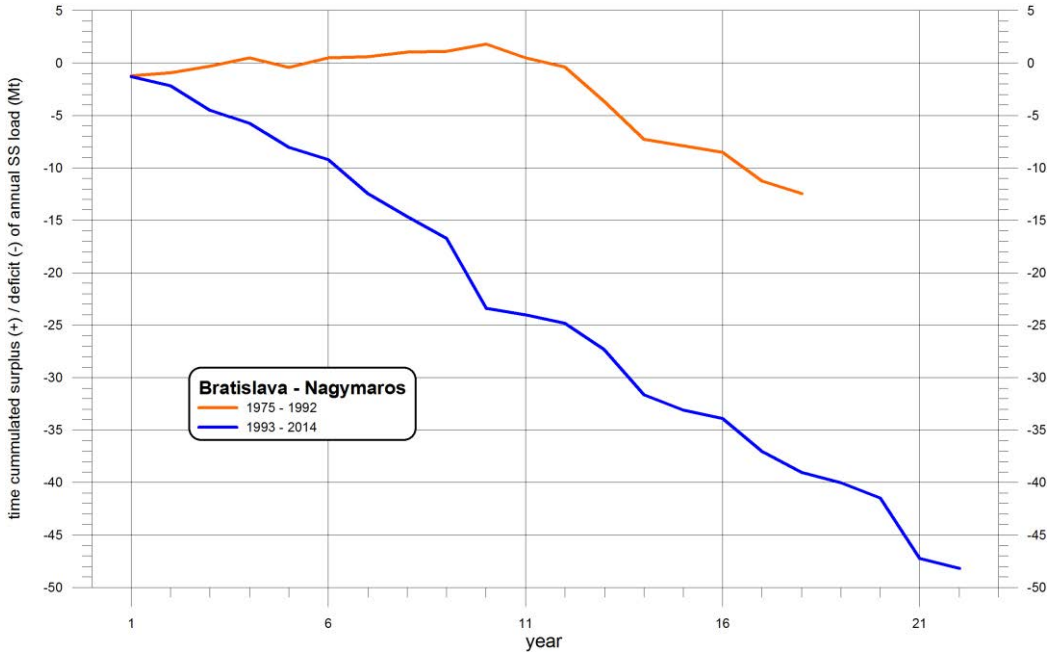

Engelhartszell - Aschach
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
30
25
20
15
10
5
0
-5
-10
1
6
11
16
21

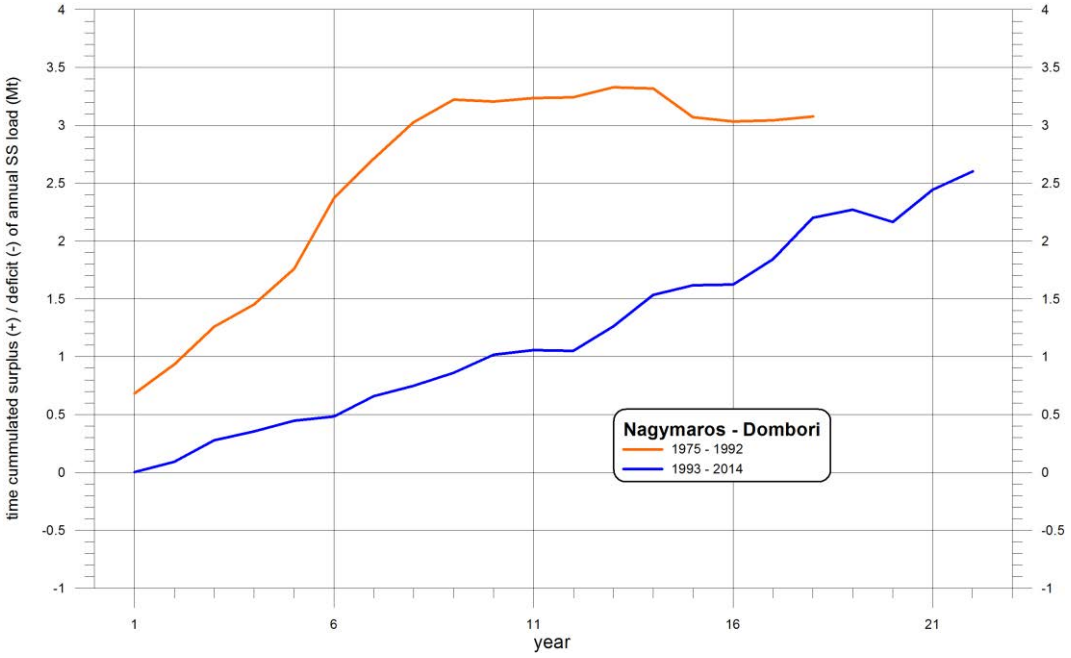

Aschach - Linz
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
5
0
-5
-10
-15
-20
-25
-30
1
6
11
16
21

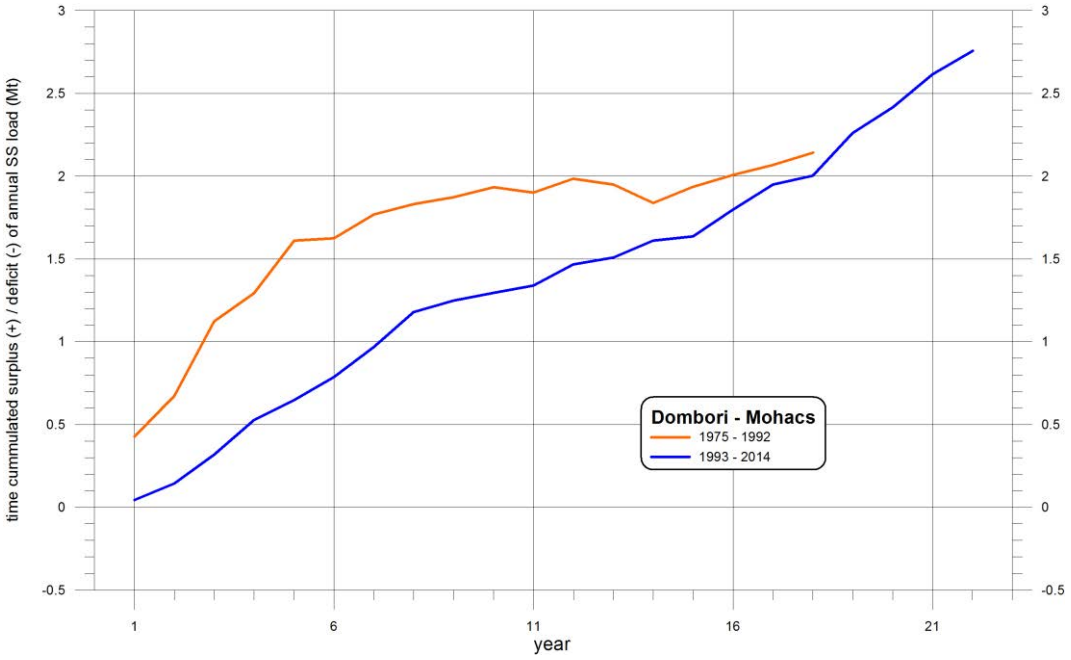

Linz - Abwinden-Asten
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
25
20
15
10
5
0
-5
-10
1
6
11
16
21

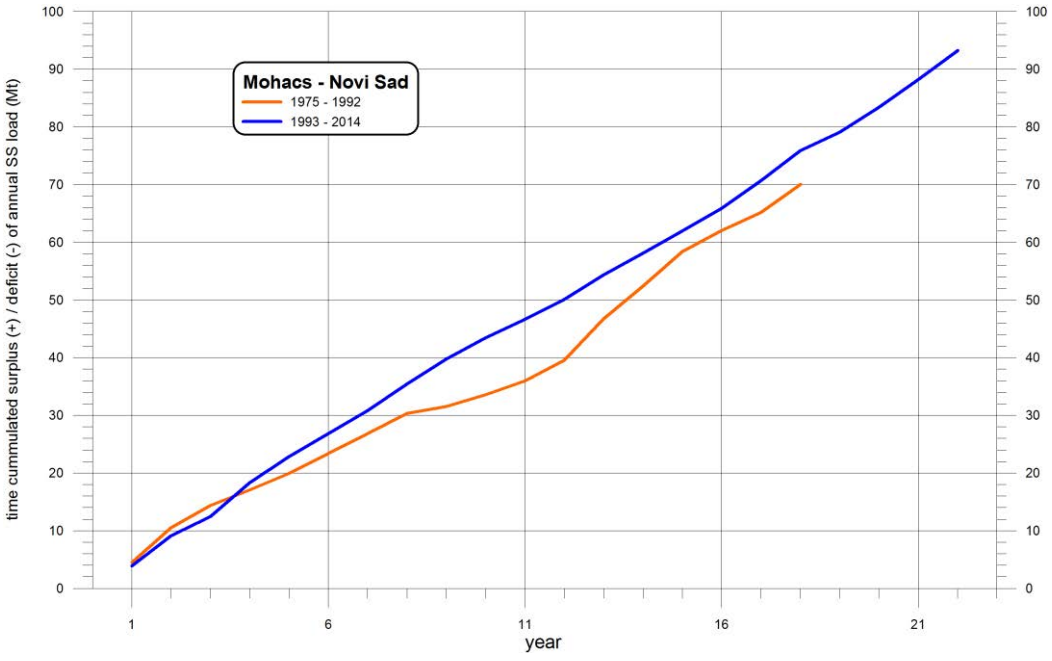

time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Abwinden-Asten - Bad Deutsch Altenburg
1975 - 1992
1993 - 2014

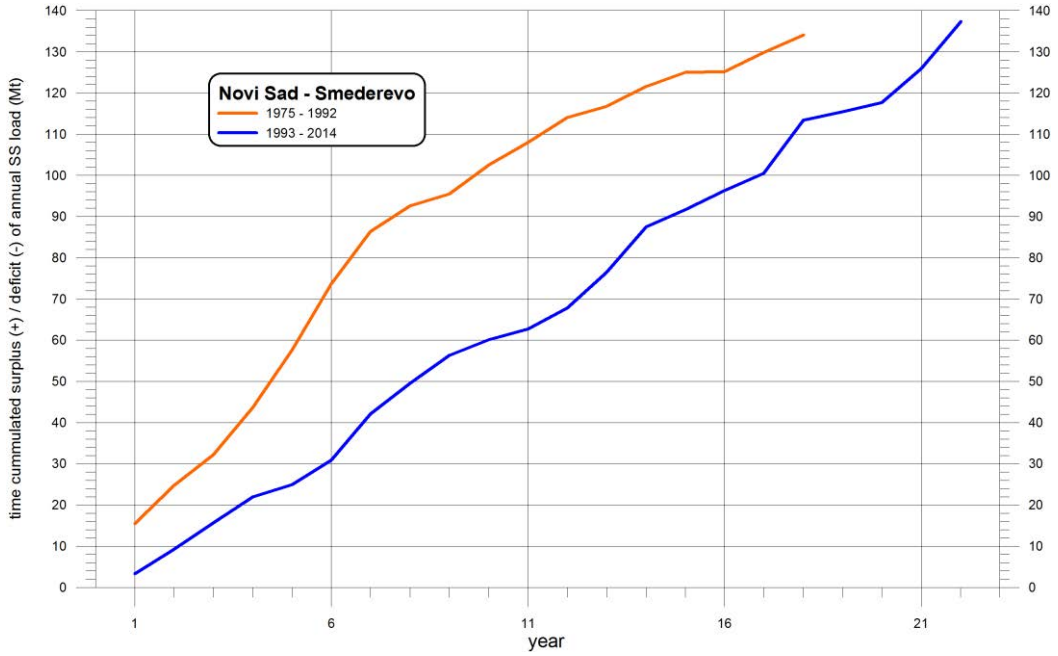

time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Bad Deutsch Altenburg - Bratislava
1975 - 1992
1993 - 2014

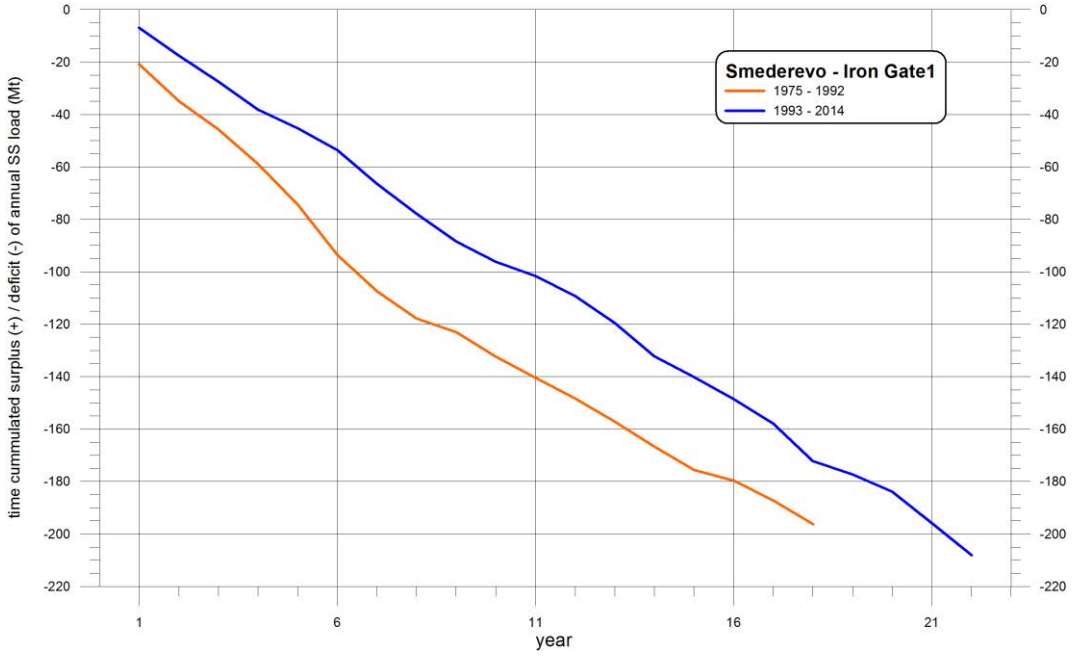

time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Bratislava - Nagymaros
1975 - 1992
1993 - 2014

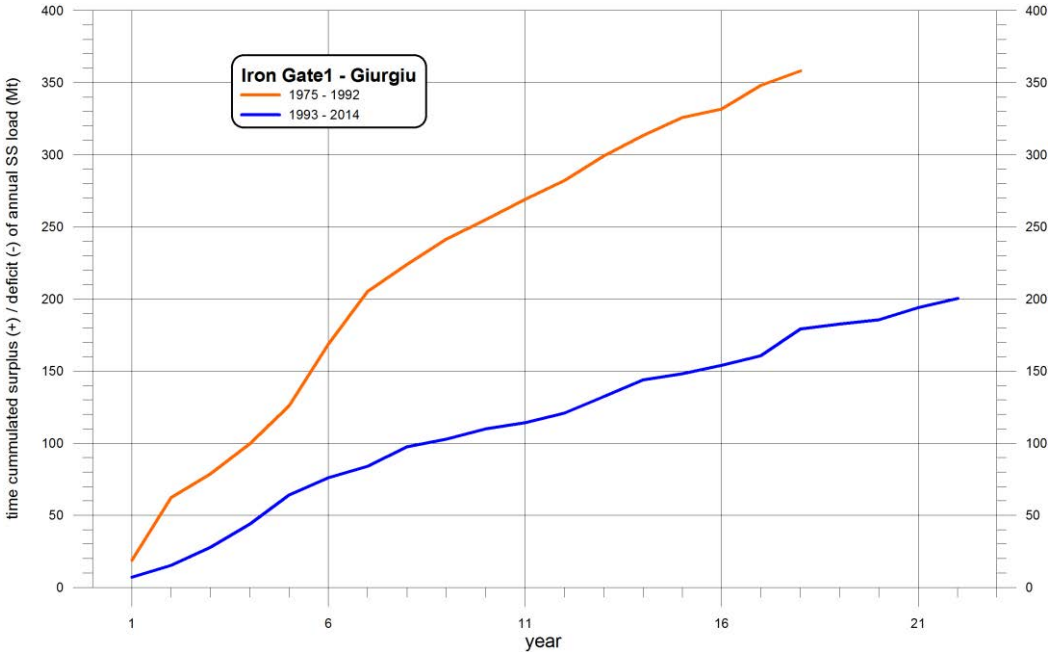

time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Nagymaros - Dombori
1975 - 1992
1993 - 2014

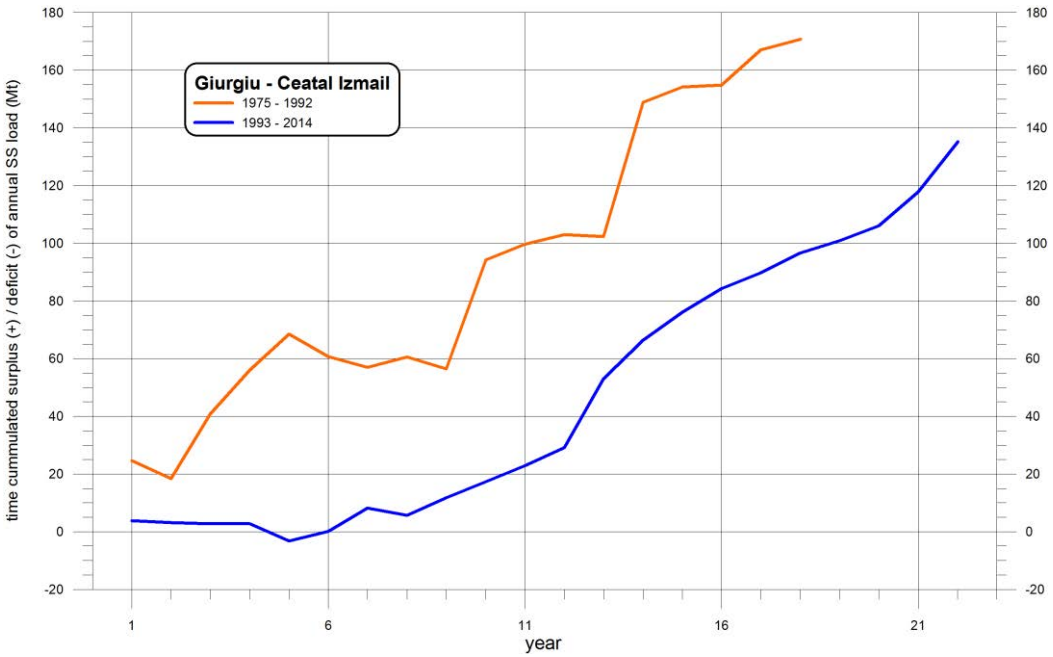

time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Dombori - Mohacs
1975 - 1992
1993 - 2014


time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
Mohacs - Novi Sad
1975 - 1992
1993 - 2014


Novi Sad - Smederevo
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year


Smederevo - Iron Gate1
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year


Iron Gate1 - Giurgiu
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
400
350
300
250
200
150
100
50
0
1
6
11
16
21


Giurgiu - Ceatal Izmail
1975 - 1992
1993 - 2014
time cummulated surplus (+) / deficit (-) of annual SS load (Mt)
year
180
160
140
120
100
80
60
40
20
0
-20
1
6
11
16
21

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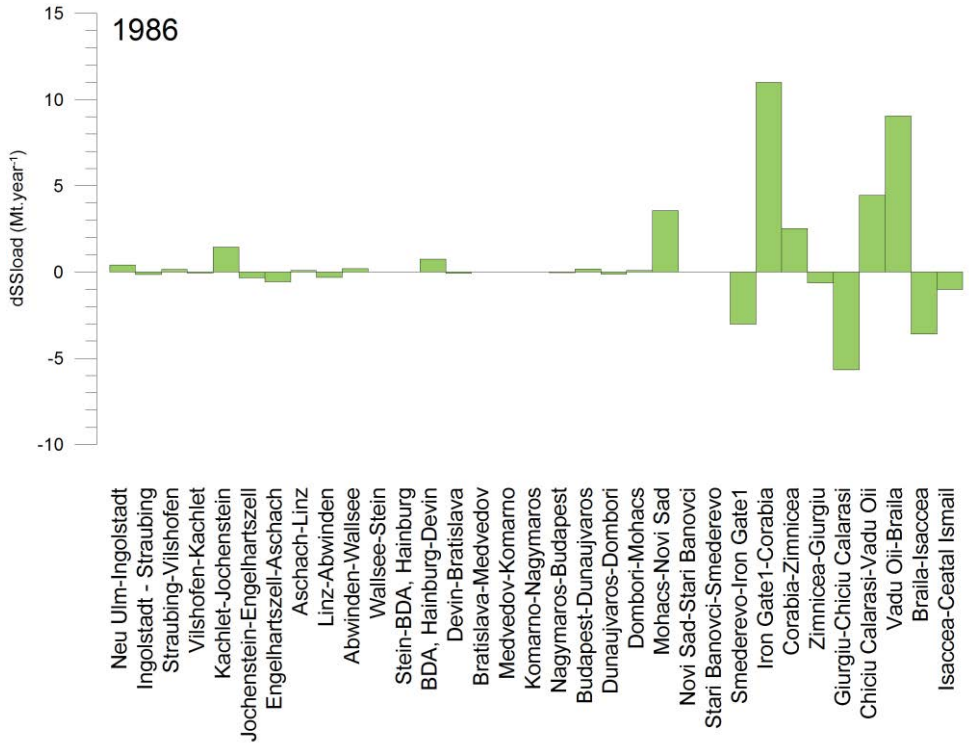
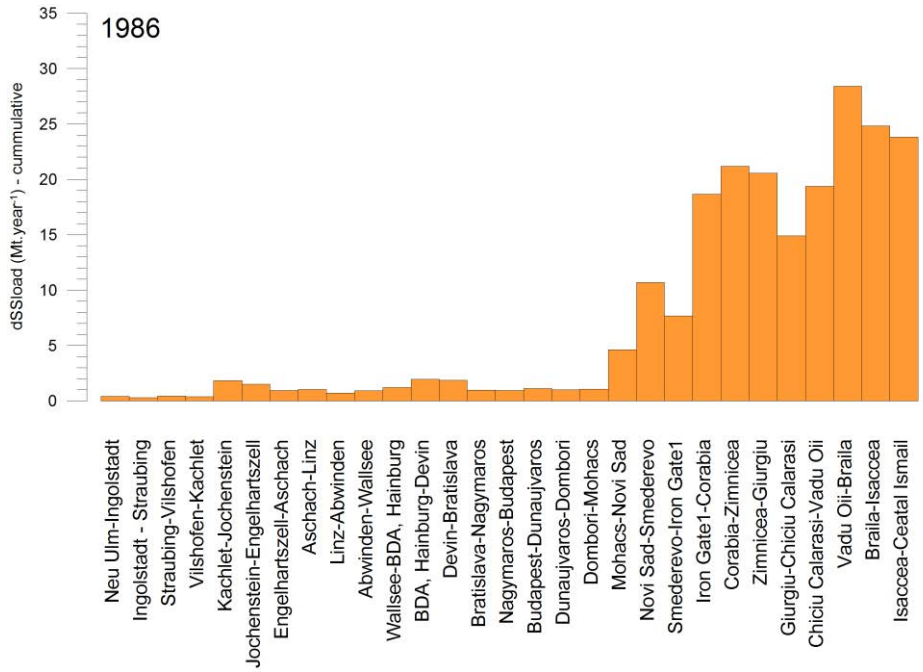
Annex 5: Suspended sediment deficit/surplus in the individual years

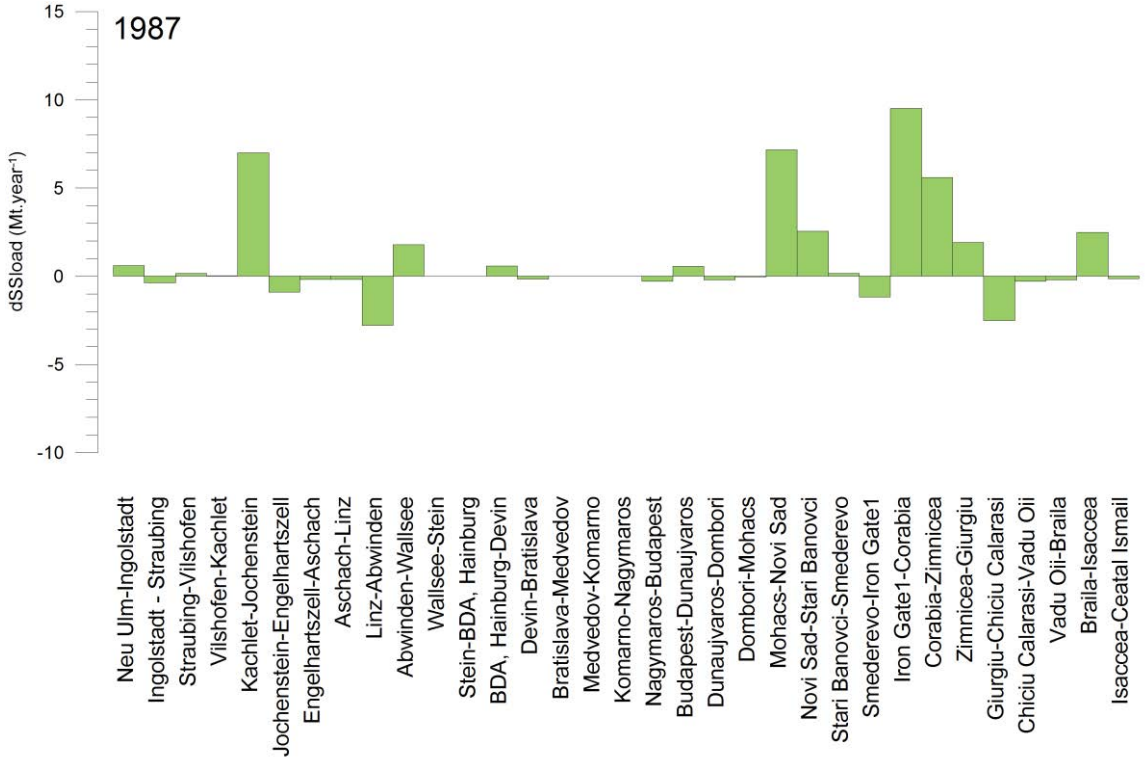
Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

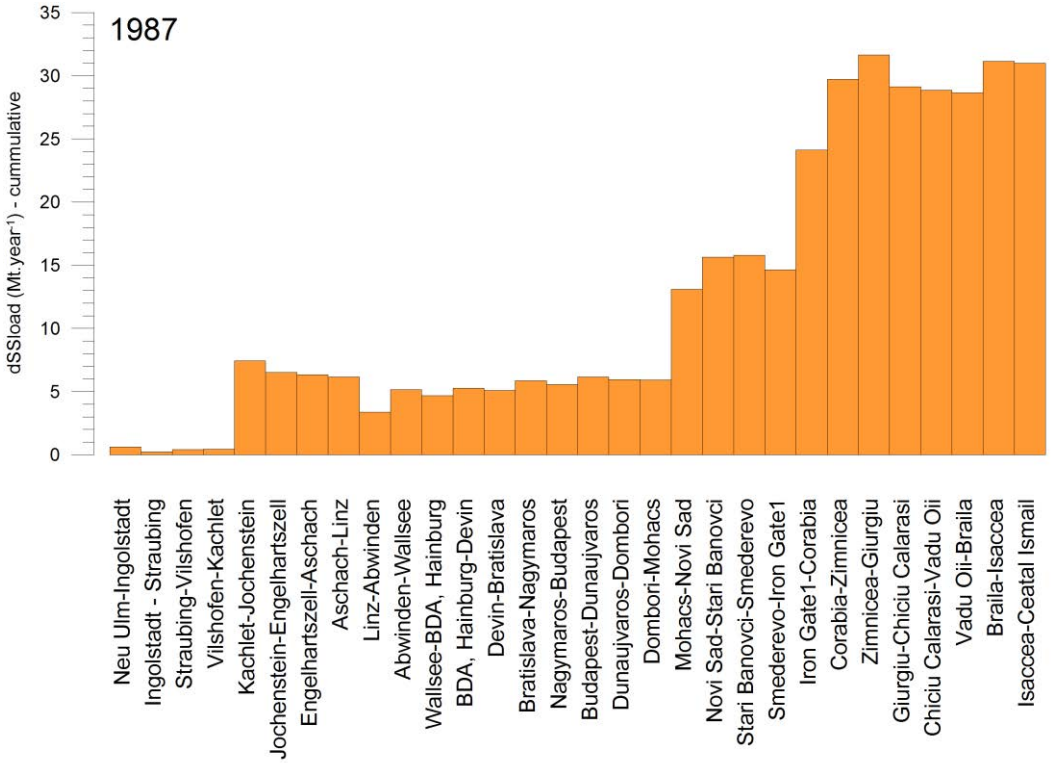
Project co-funded by European Union funds (ERDF, IPA)

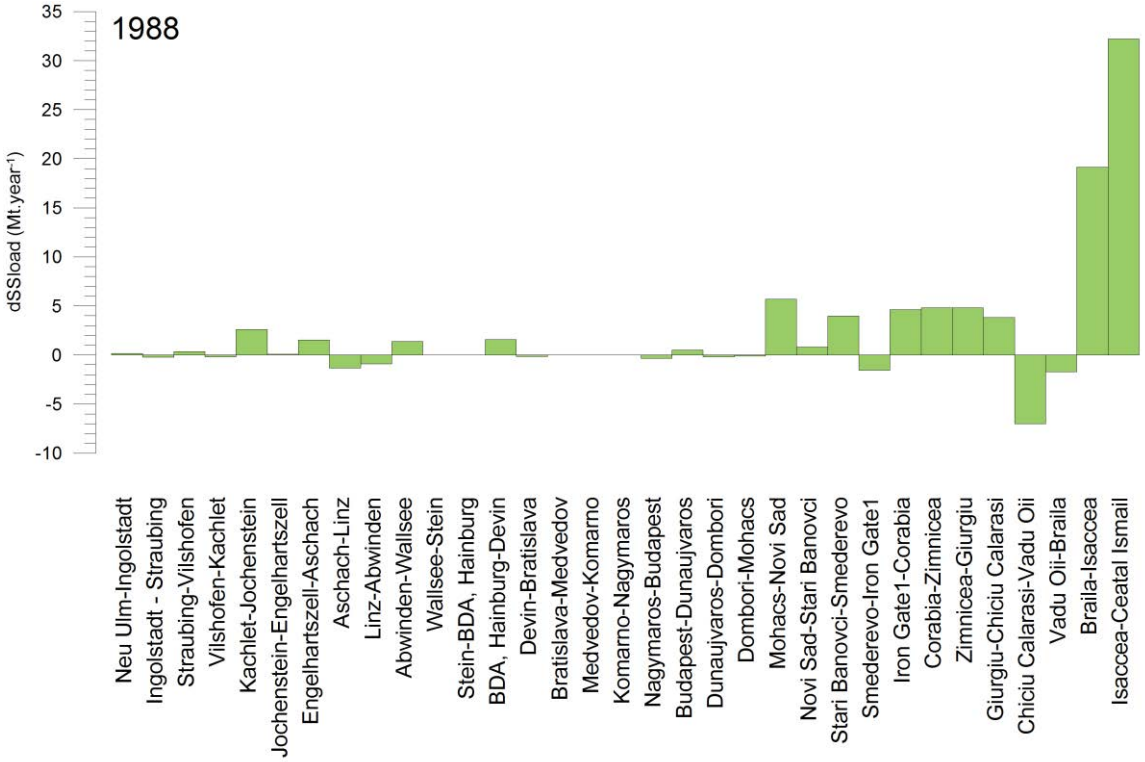
Annex 5 Suspended sediment deficit/surplus in the individual years

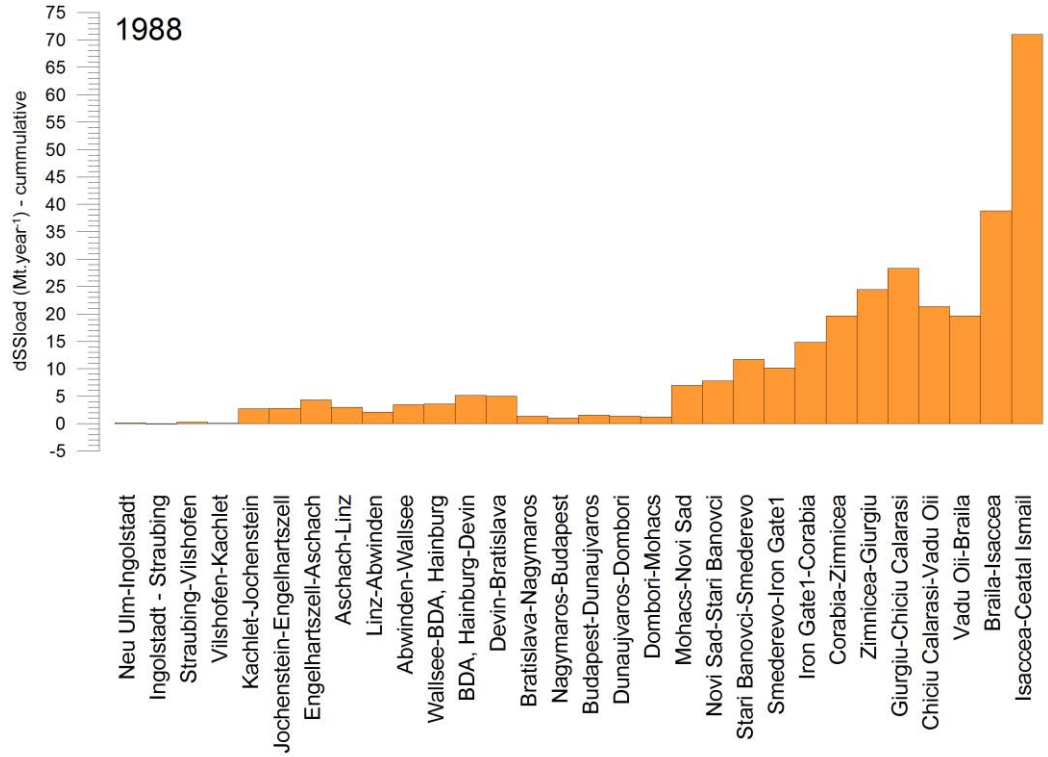


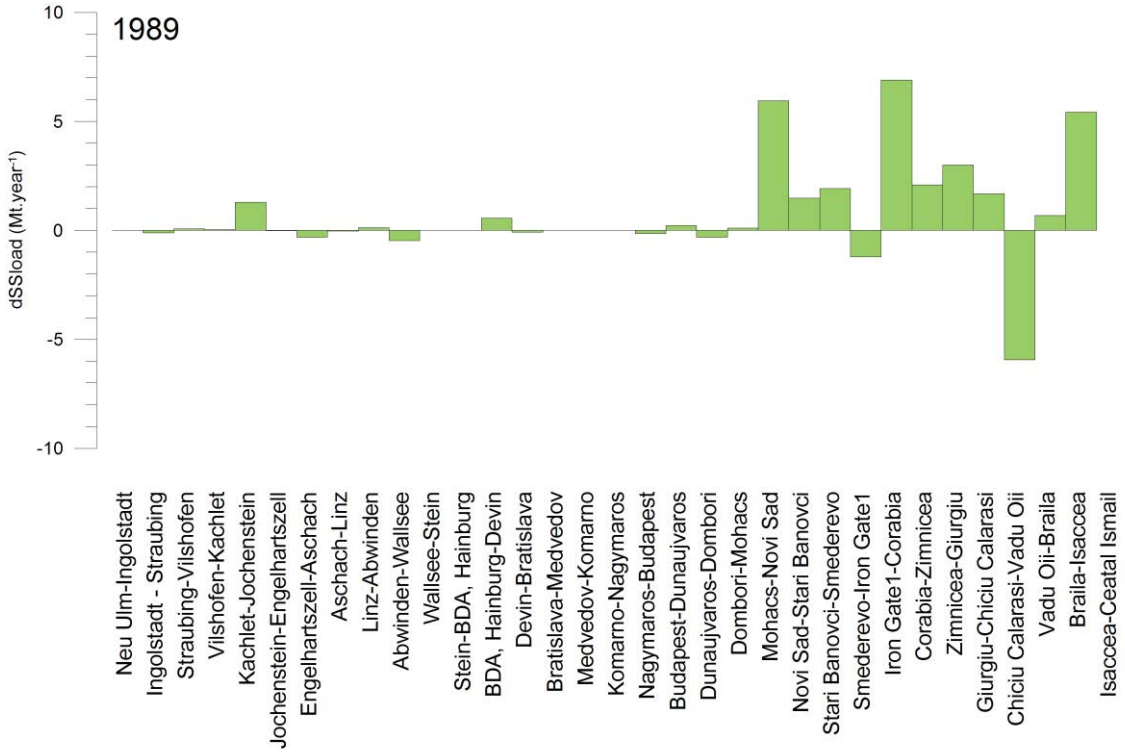


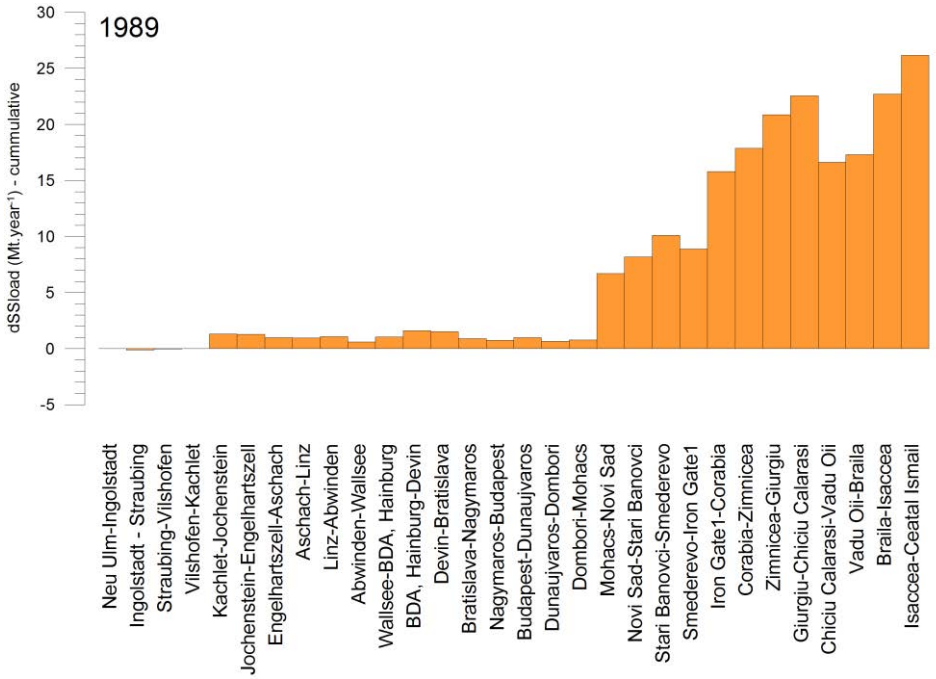

1987
dSSload (Mt.year-1)
15
10
5
0
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1987
dSSload (Mt.year-1) - cummulative
35
30
25
20
15
10
5
0
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1988
dSSload (Mt.year⁻¹)
35
30
25
20
15
10
5
0
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1988
dSSload (Mt.year⁻¹) - cummulative
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1989
dSSload (Mt.year-1)
10
5
0
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1989
dSSload (Mt.year-1) - cummulative
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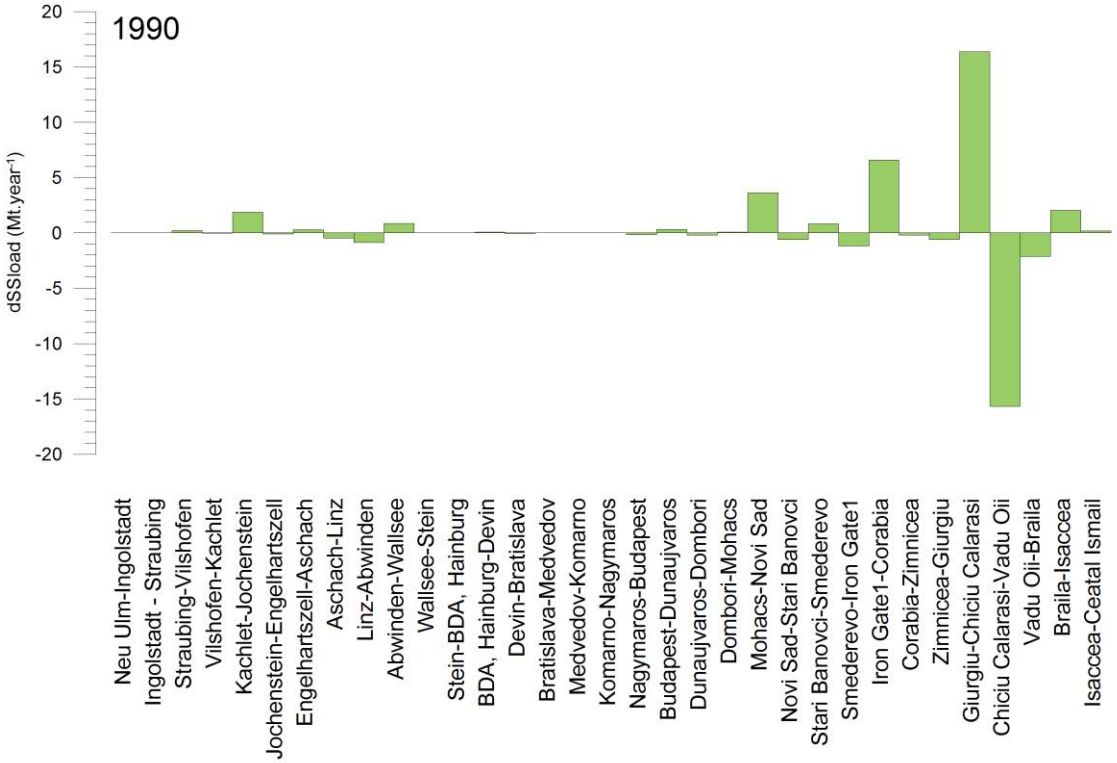
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1990
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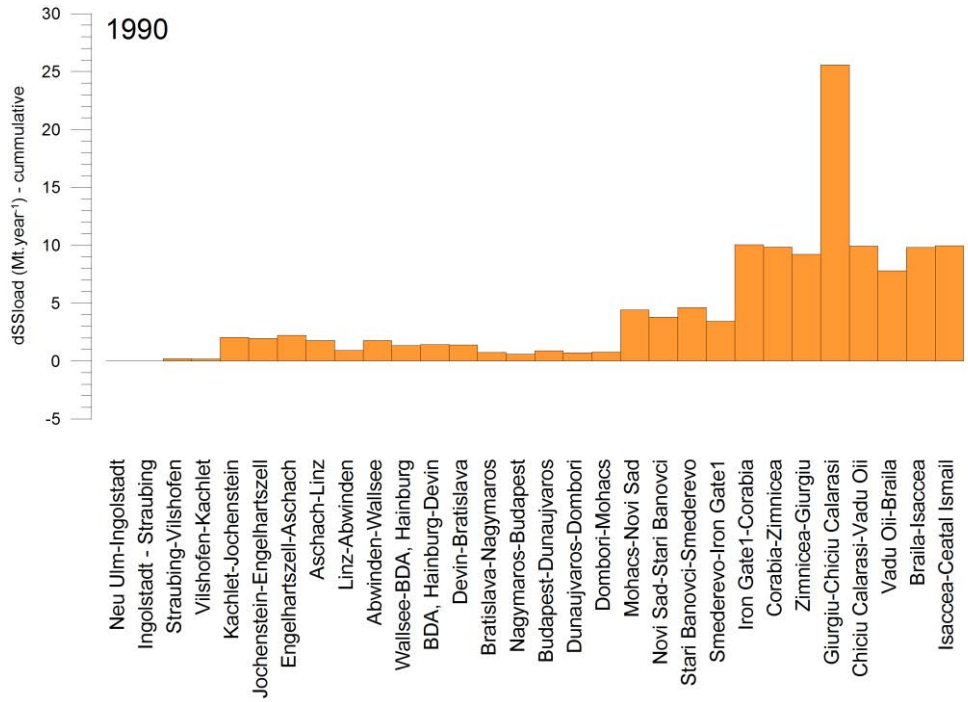
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1990
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Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
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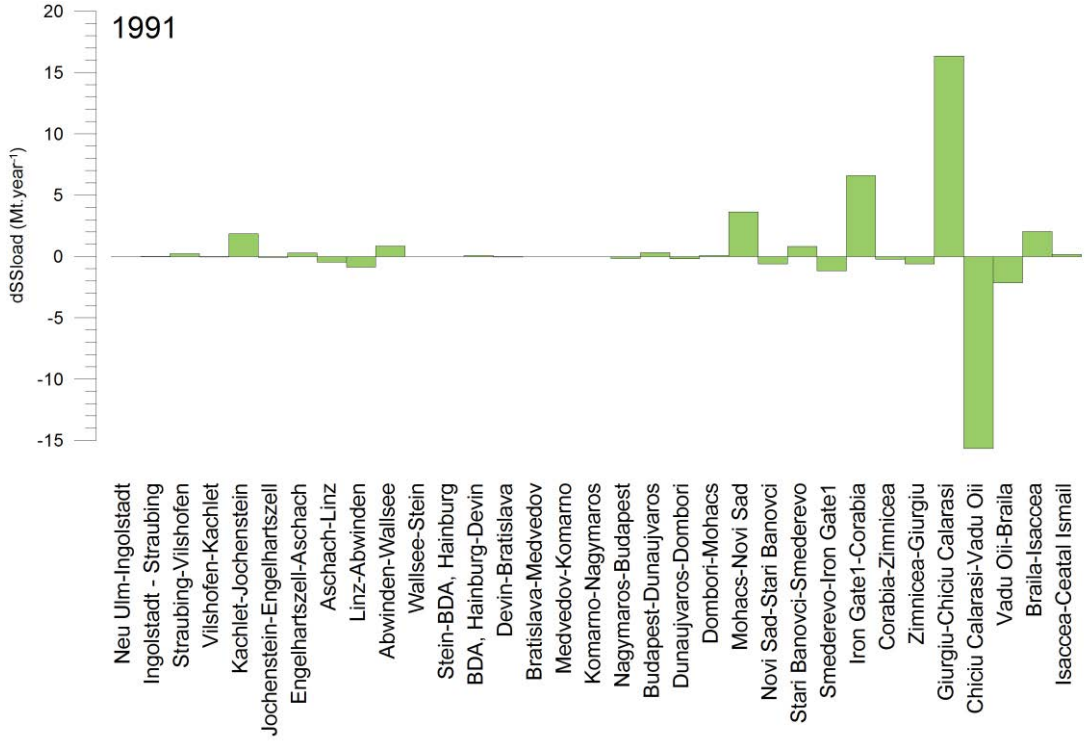
1991
dSSload (Mt.year-1)
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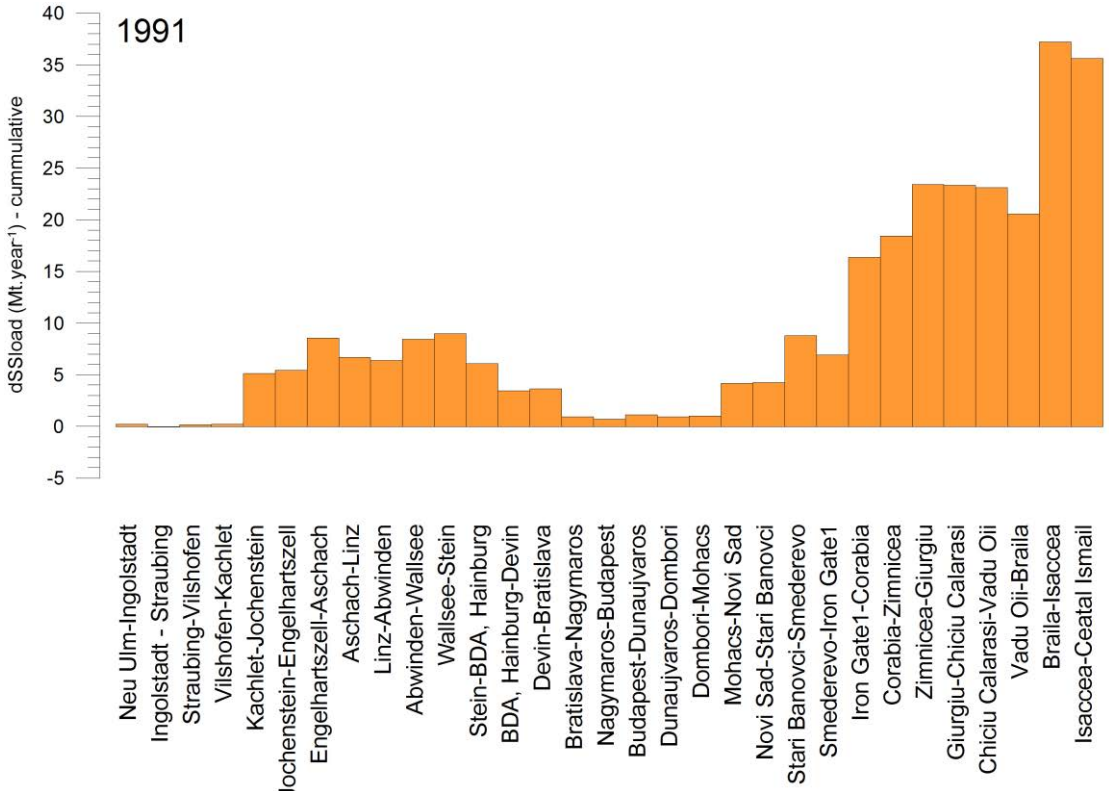
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1991
dSSload (Mt.year-1) - cummulative
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Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
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Bratislava-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
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Smederevo-Iron Gate1
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Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
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Braila-Isaccea
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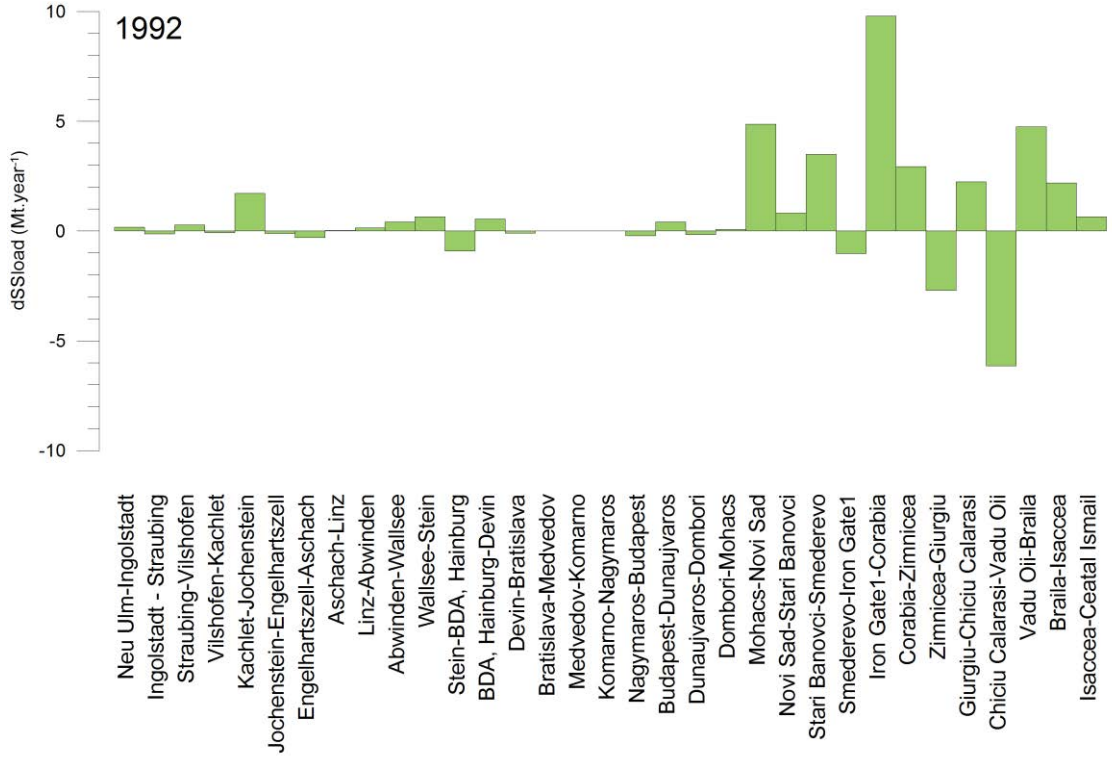
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Vilshofen-Kachlet
Kachlet-Jochenstein
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Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
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Medvedov-Komarno
Komarno-Nagymaros
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Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
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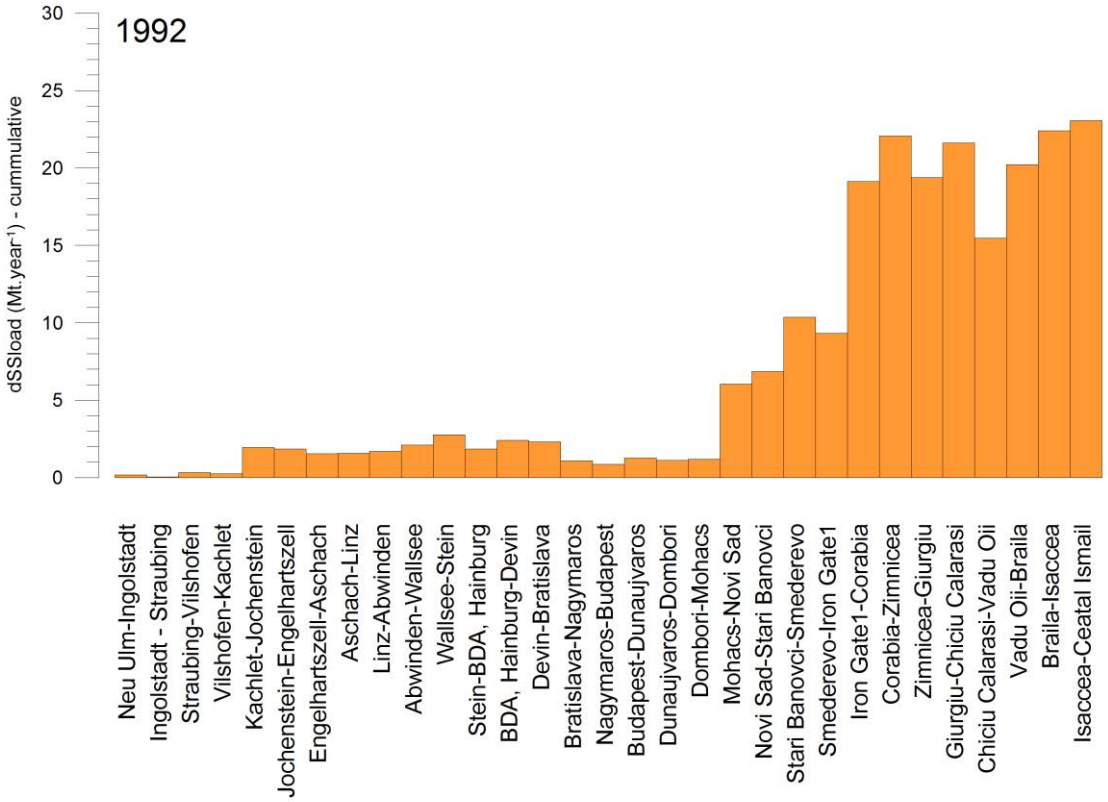
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1992
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Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
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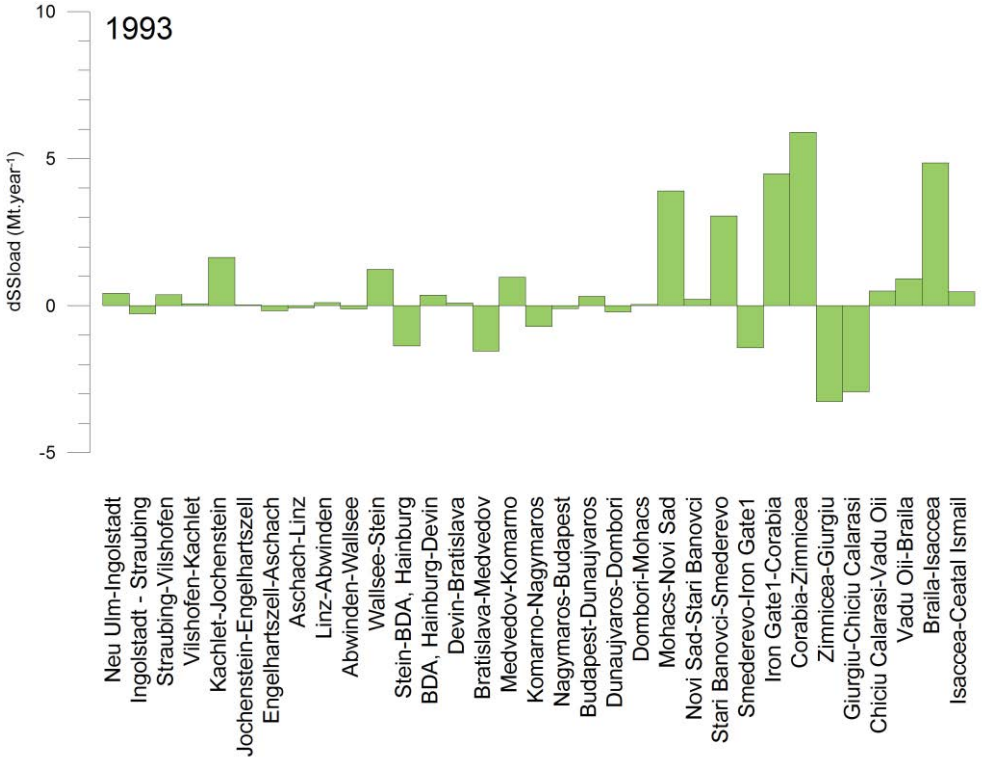
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Ingolstadt - Straubing
Straubing-Vilshofen
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Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
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BDA, Hainburg-Devin
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Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
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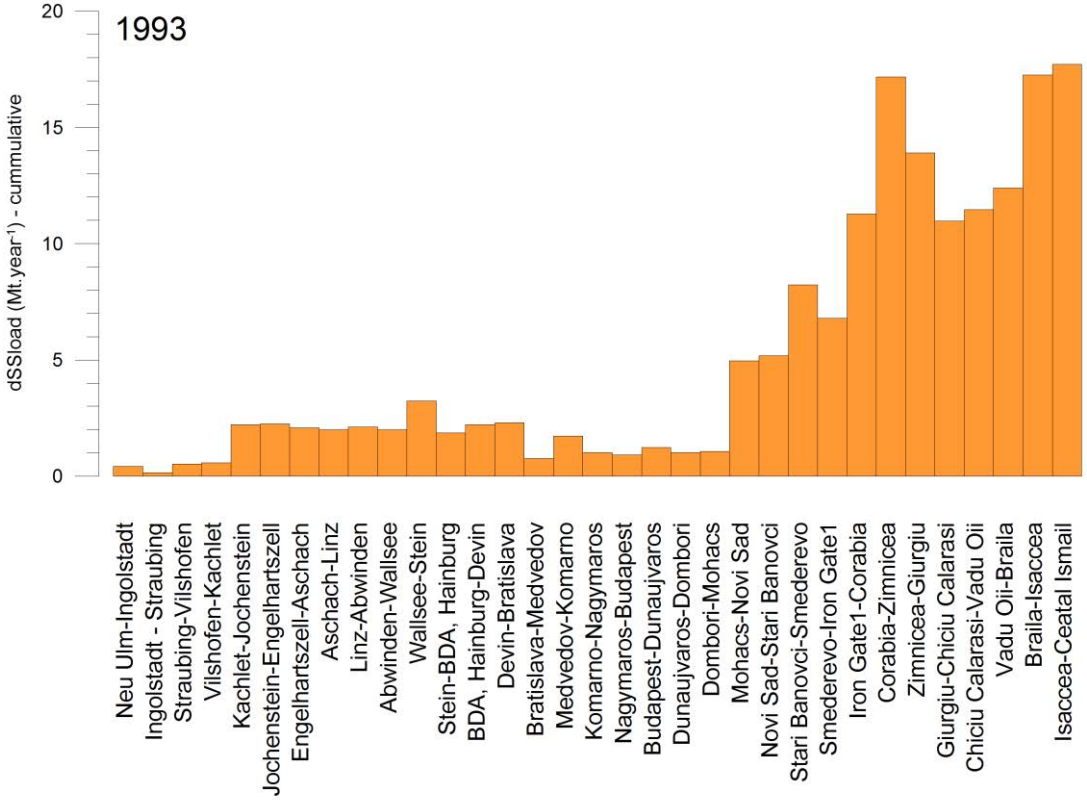
1993
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Engelhartszell-Aschach
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Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
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Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
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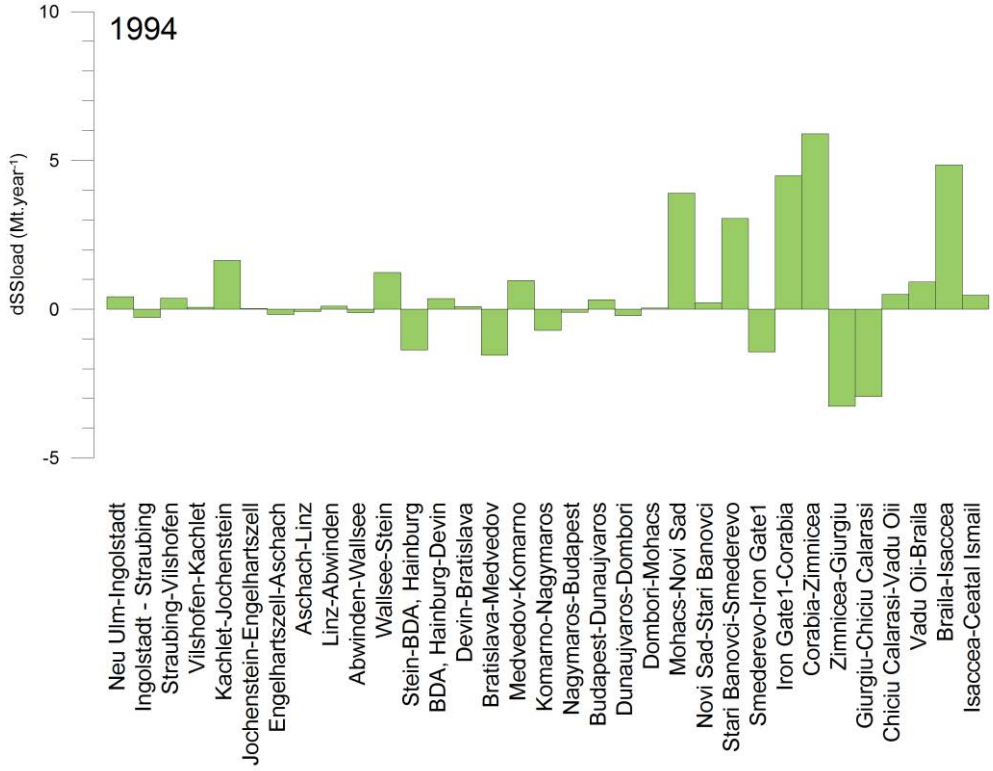
1994
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Ingolstadt - Straubing
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Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
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Wallsee-Stein
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BDA, Hainburg-Devin
Devin-Bratislava
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Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Chiciu Calarasi-Vadu Oii
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Braila-Isaccea
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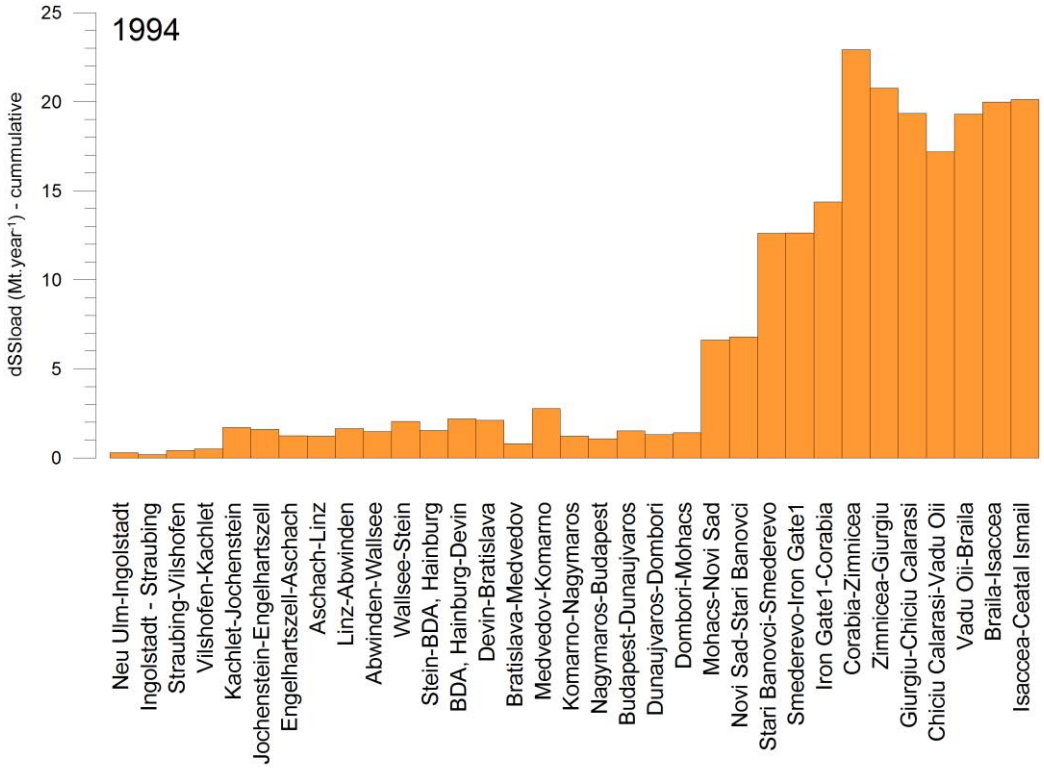
1994
dSSload (Mt.year-1) - cummulative
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Ingolstadt - Straubing
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Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
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Linz-Abwinden
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Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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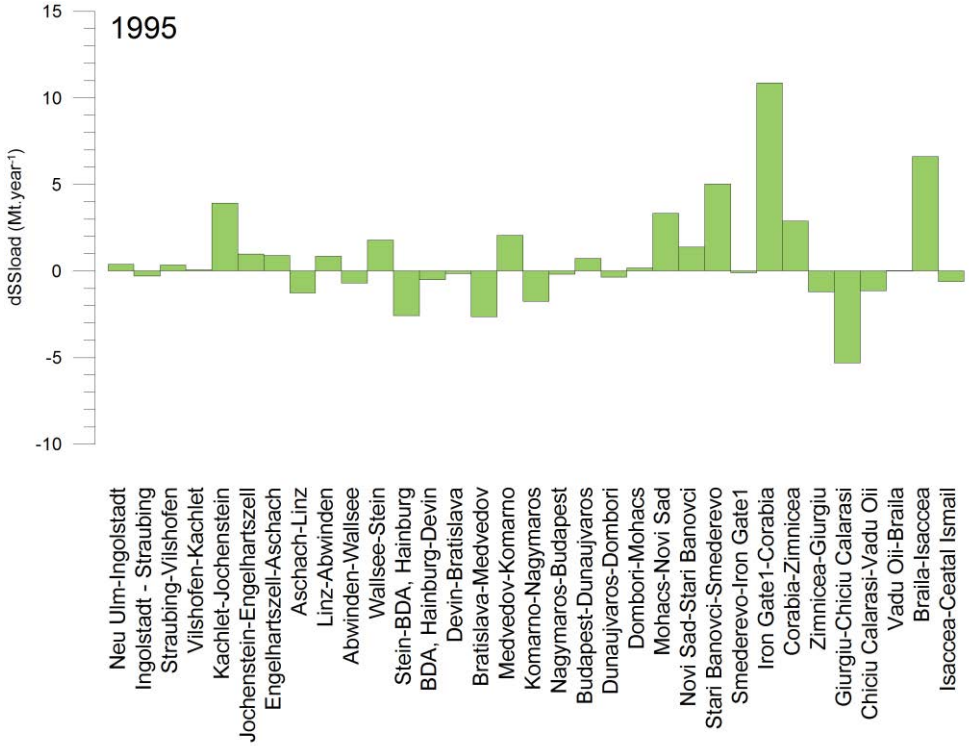
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Ingolstadt - Straubing
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Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
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Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
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Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
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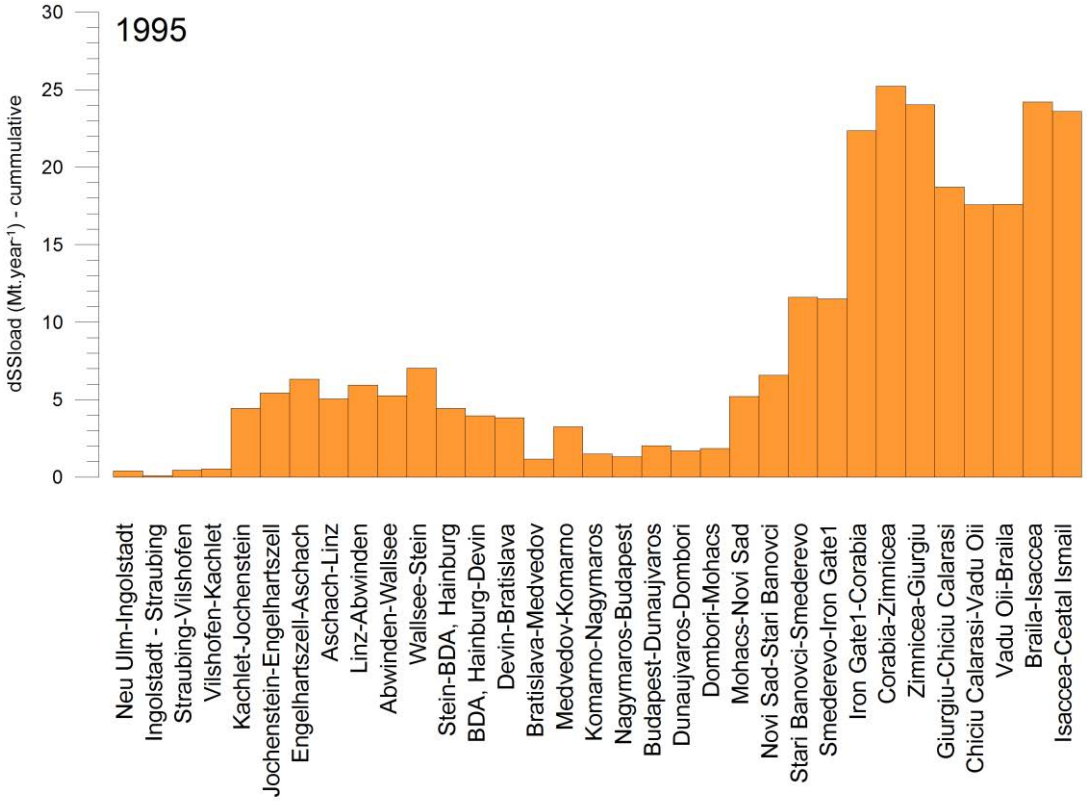
Braila-Isaccea
Isaccea-Ceatal Ismail


1995
dSSload (Mt.year-1) - cummulative
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Ingolstadt - Straubing
Straubing-Vilshofen
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Jochenstein-Engelhartszell
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Stari Banovci-Smederevo
Smederevo-Iron Gate1
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Corabia-Zimnicea
Zimnicea-Giurgiu
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Vadu Oii-Braila
Braila-Isaccea
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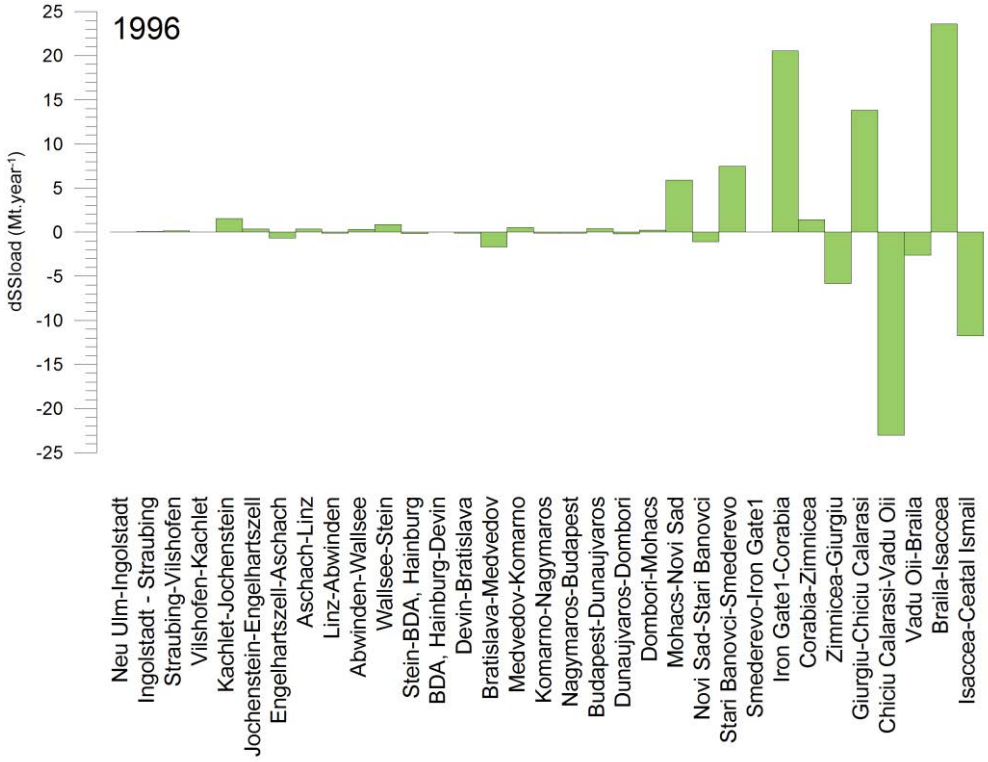
1996
dSSload (Mt.year-1)
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Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
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Dunaujvaros-Dombori
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Braila-Isaccea
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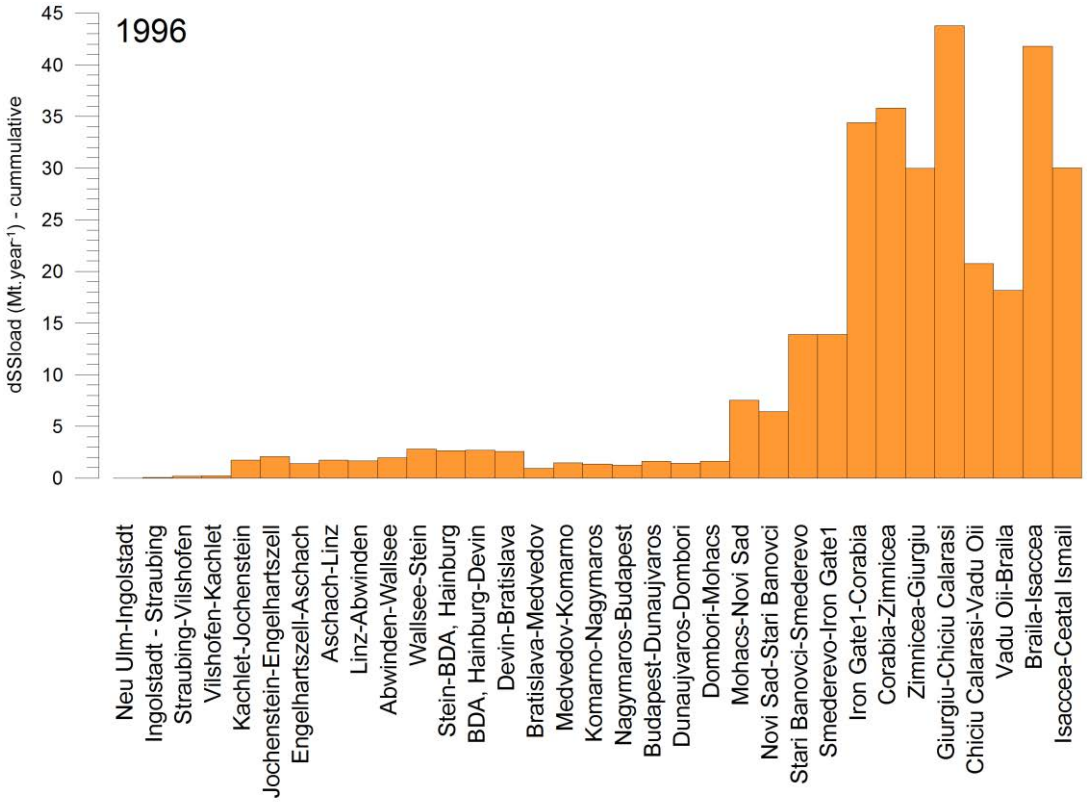
1996
dSSload (Mt.year-1) - cummulative
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Ingolstadt - Straubing
Straubing-Vilshofen
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Corabia-Zimnicea
Zimnicea-Giurgiu
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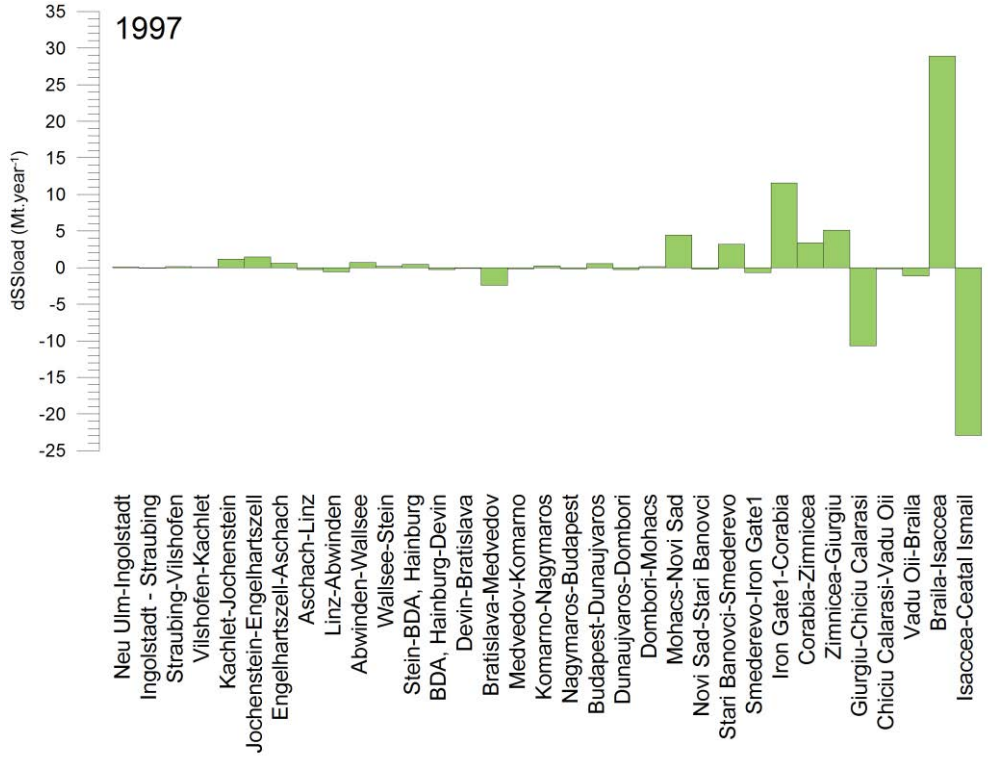
1997
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Komarno-Nagymaros
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Dunaujvaros-Dombori
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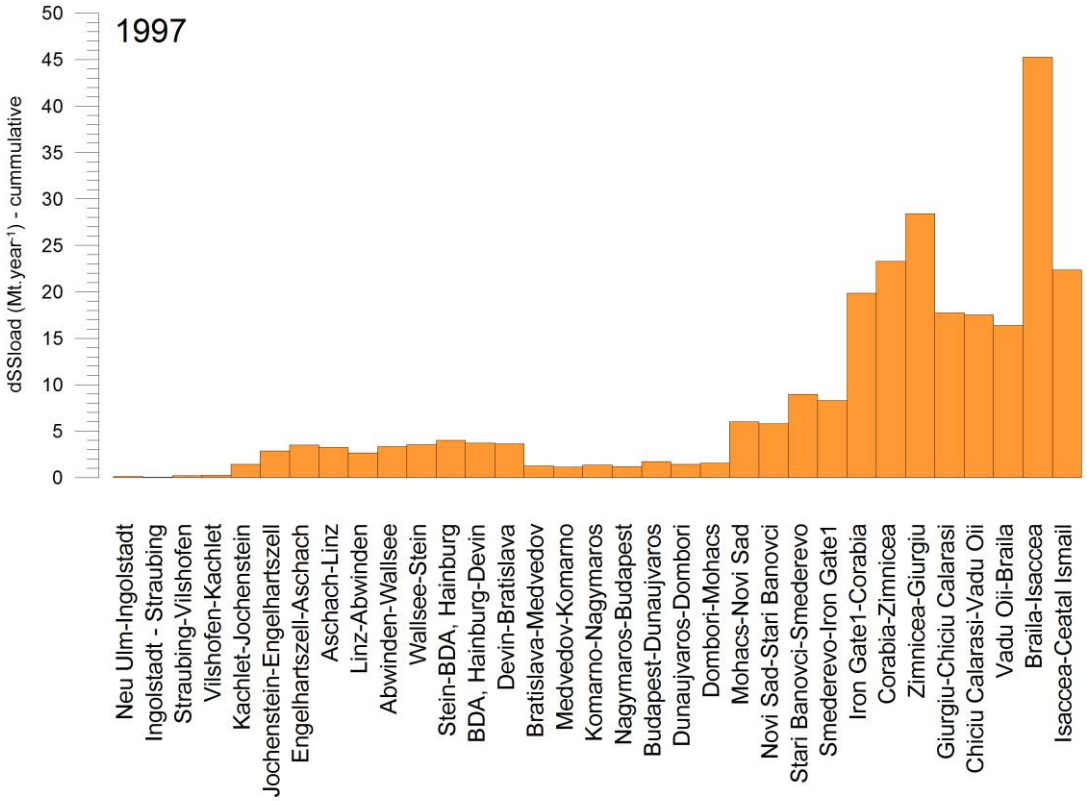
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1997
dSSload (Mt.year-1) - cummulative
50
45
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25
20
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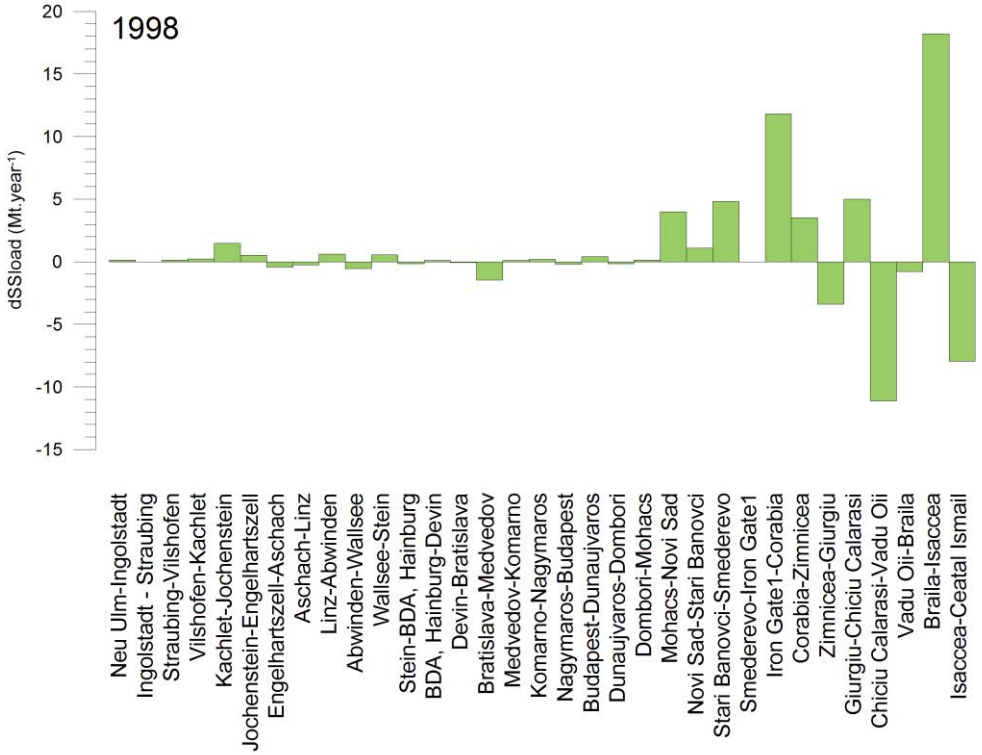
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail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dSSload (Mt.year-1)
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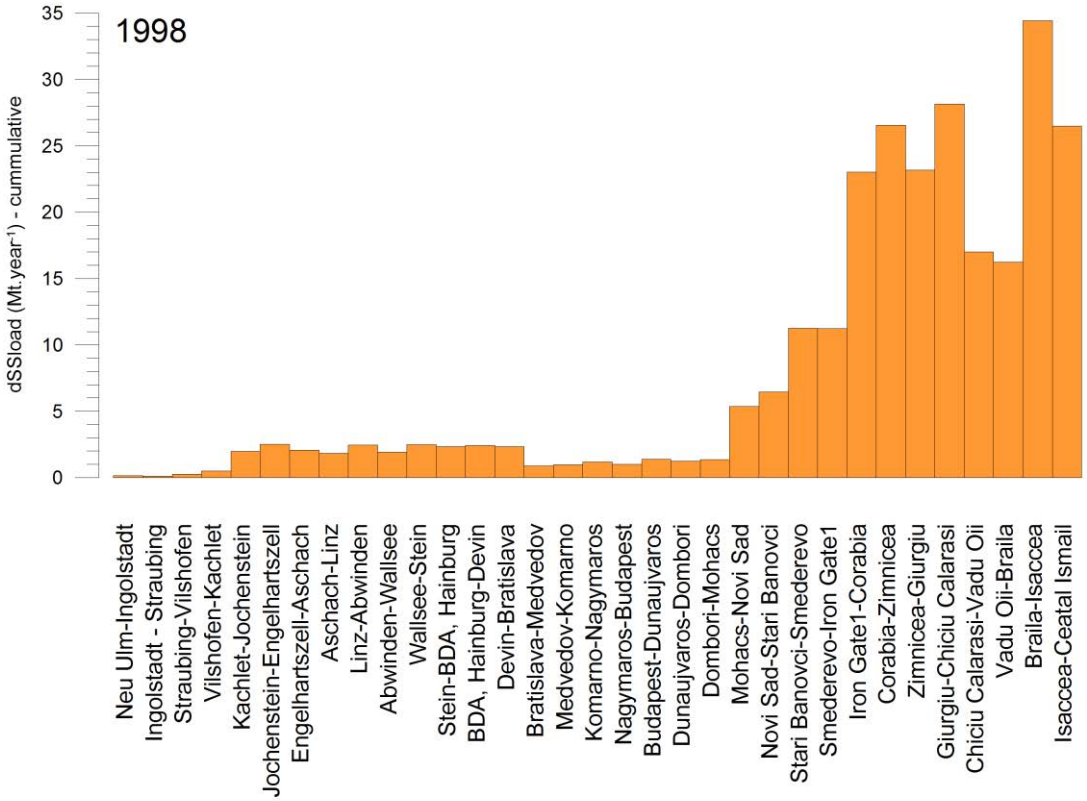
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1998
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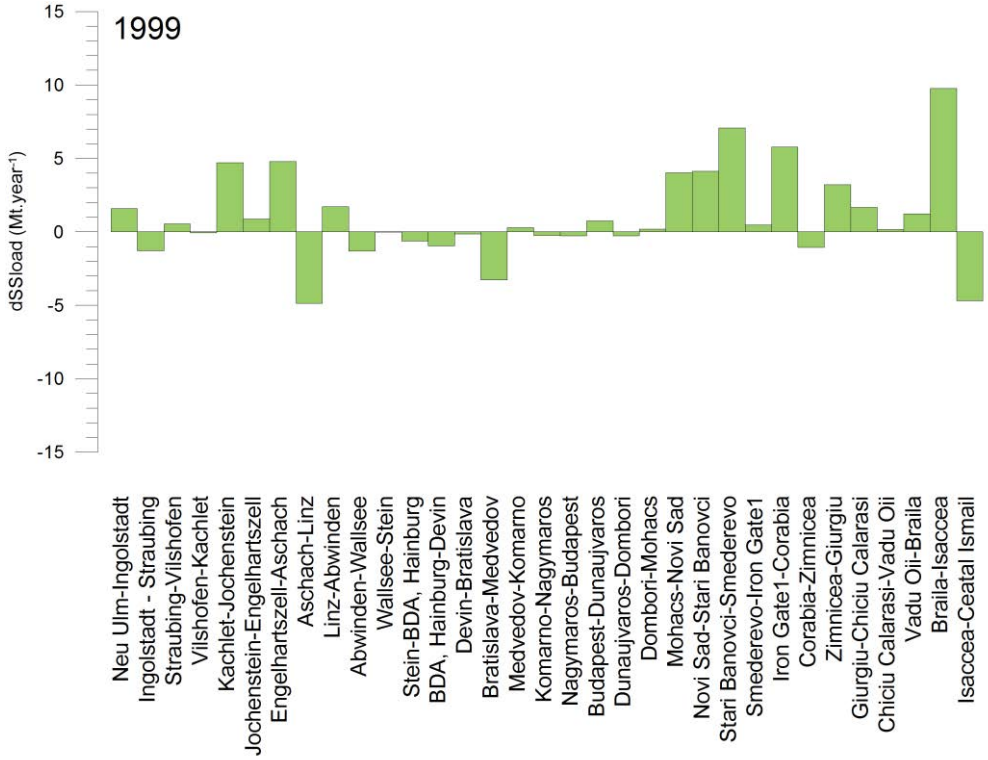
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail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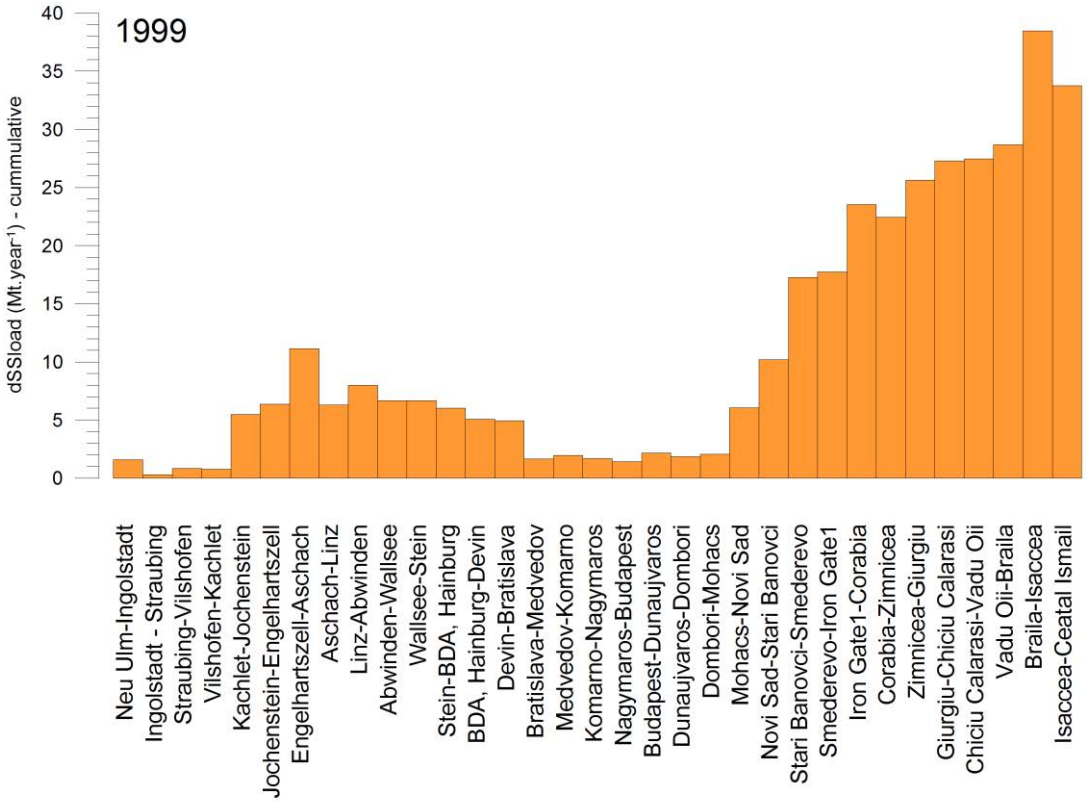
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


1999
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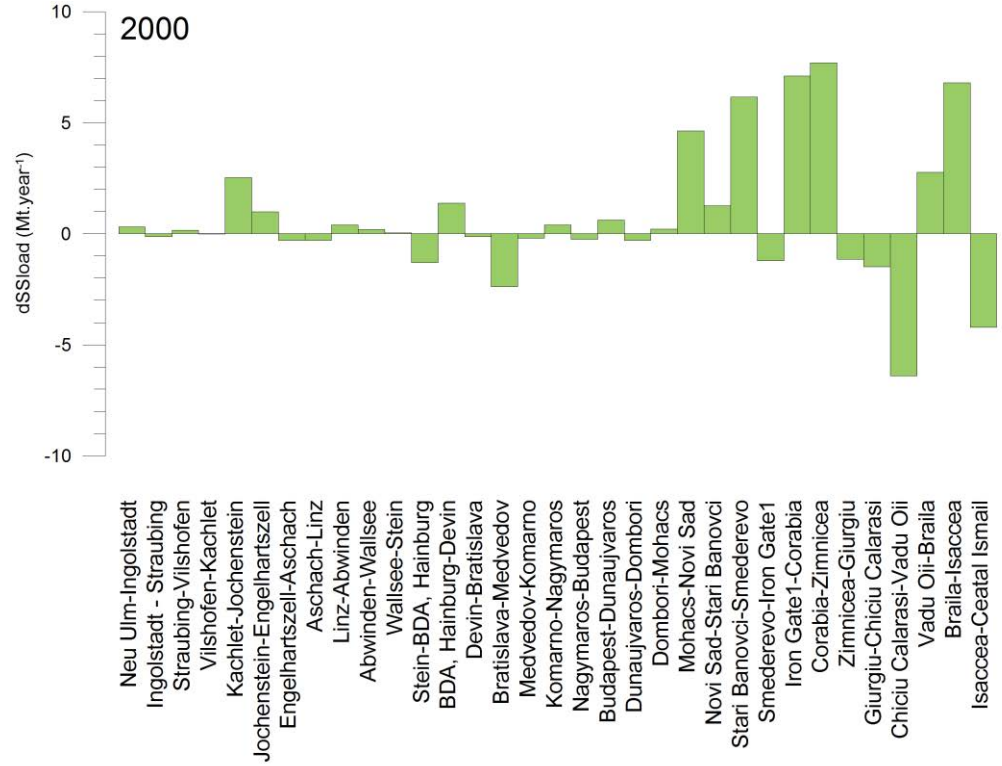
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2000
dSSload (Mt.year-1)
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Neu Ulm-Ingolstadt
Ingolstadt - Straubing
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Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
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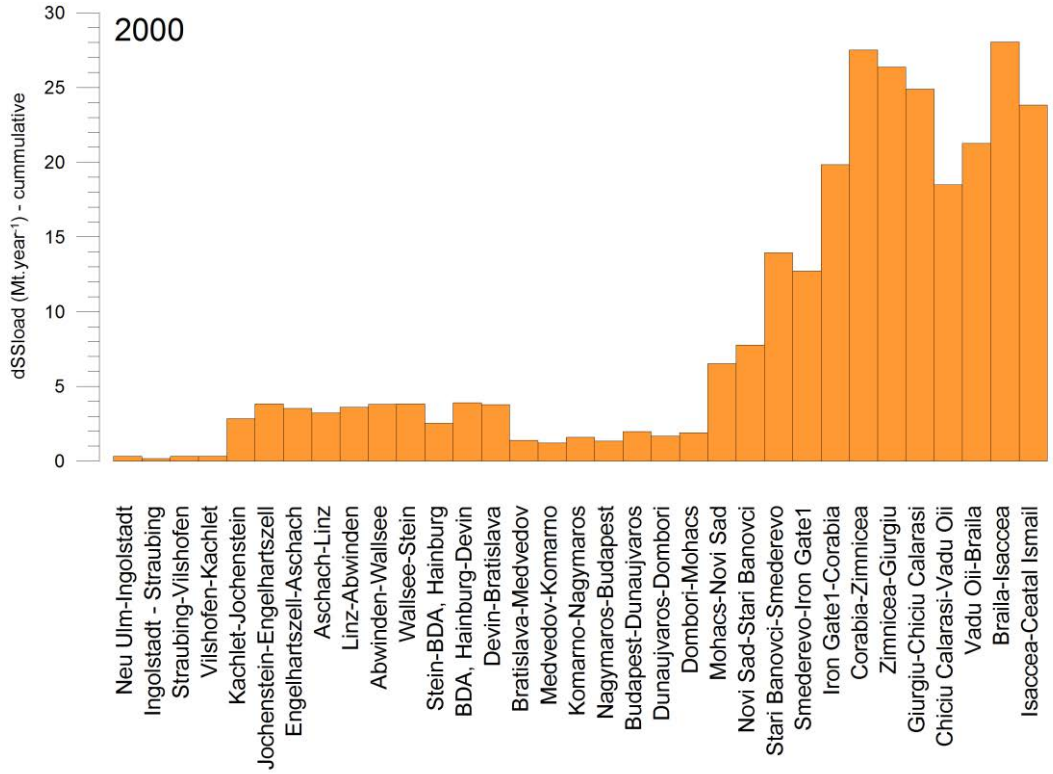
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2000
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Straubing-Vilshofen
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Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
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BDA, Hainburg-Devin
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Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Vadu Oii-Braila
Braila-Isaccea
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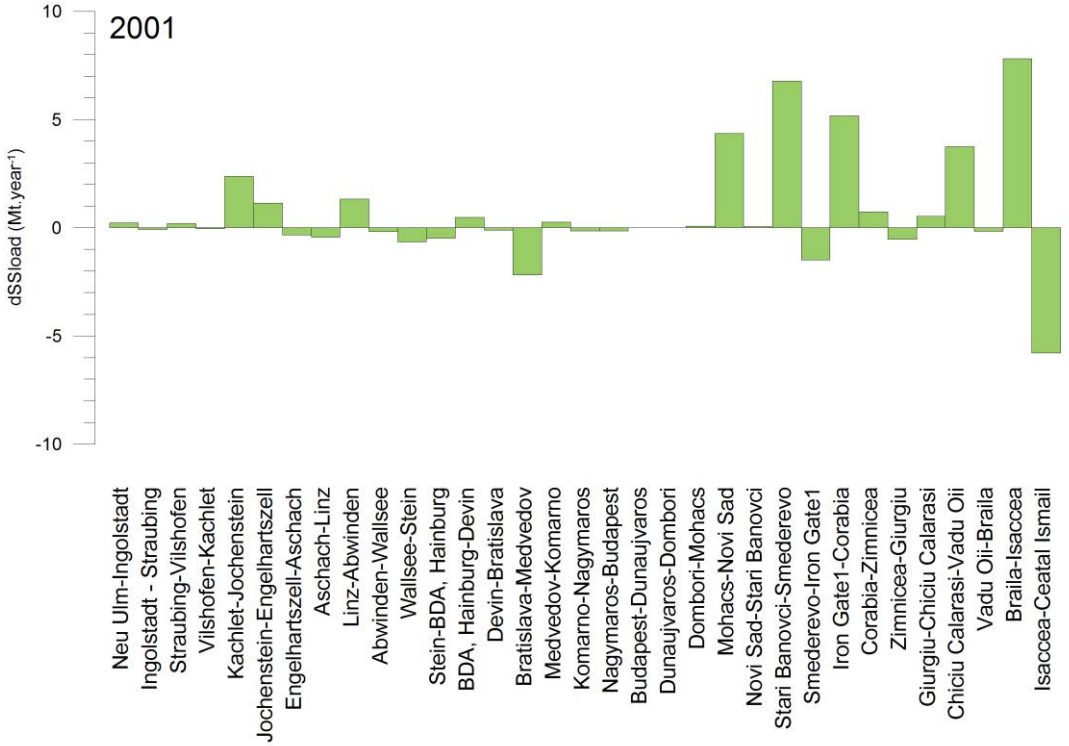
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Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
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BDA, Hainburg-Devin
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Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Chiciu Calarasi-Vadu Oii
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Braila-Isaccea
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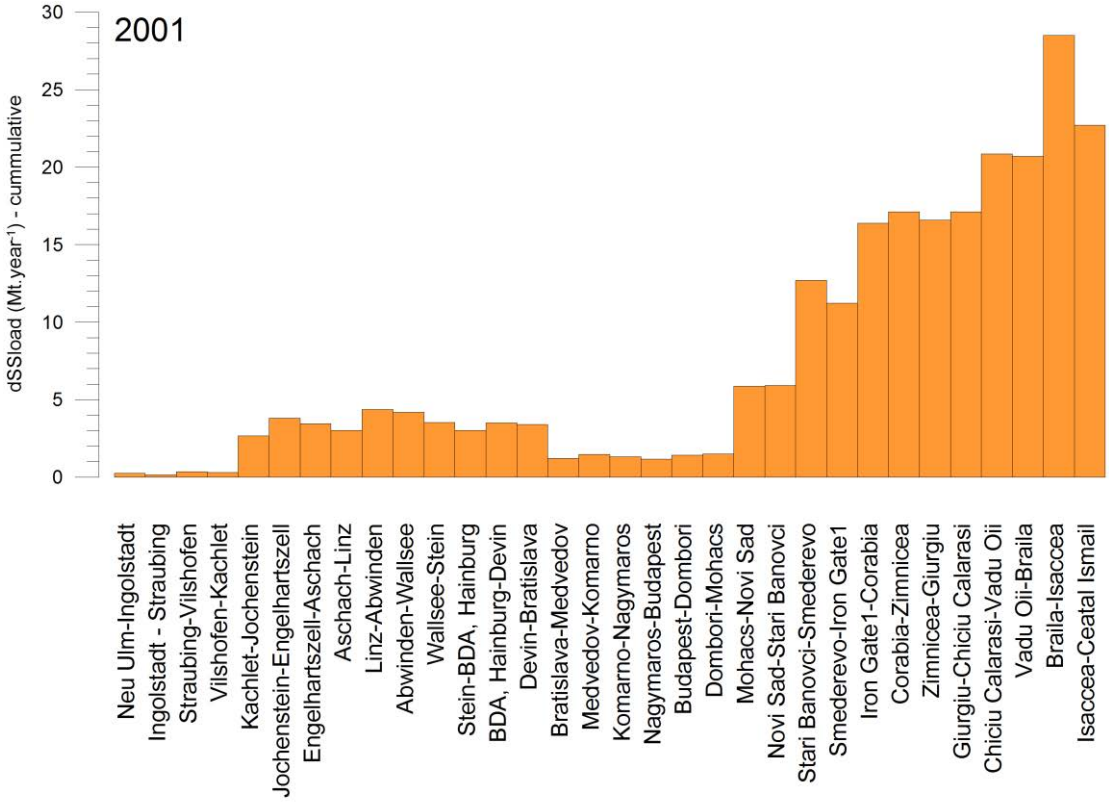
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Vilshofen-Kachlet
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Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
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Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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Chiciu Calarasi-Vadu Oii
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Braila-Isaccea
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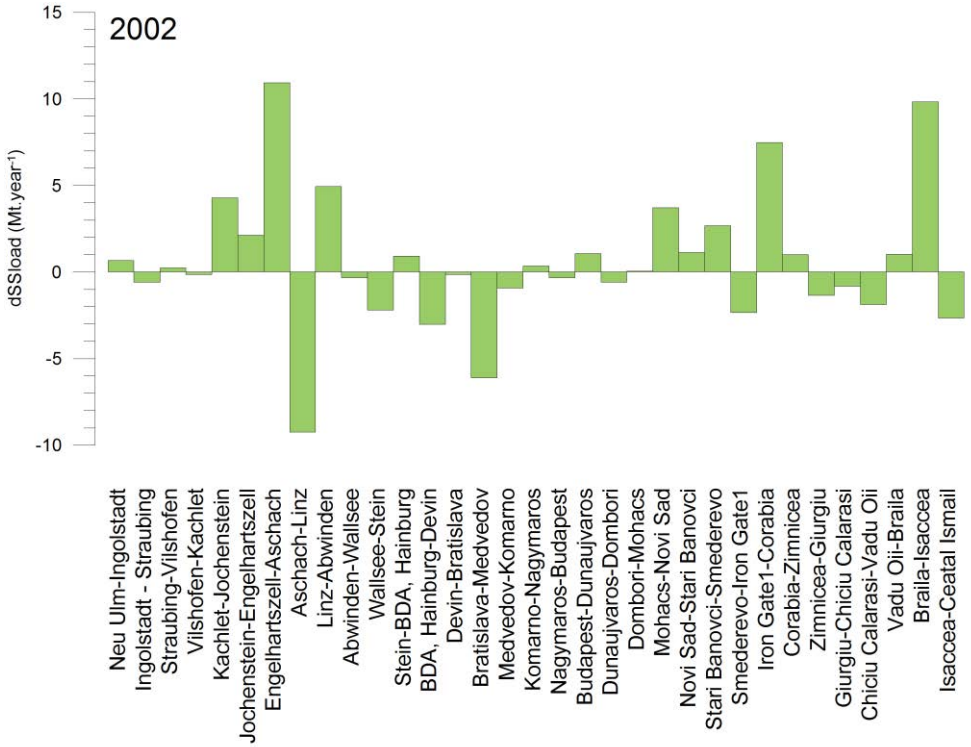
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Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
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BDA, Hainburg-Devin
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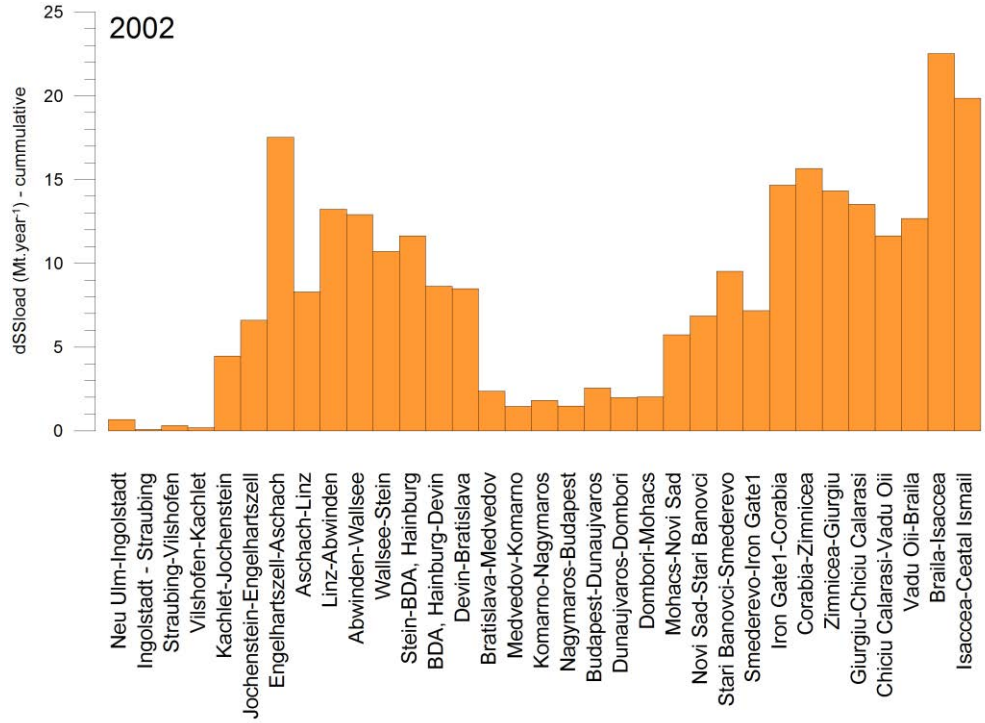
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail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Kachlet-Jochenstein
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Linz-Abwinden
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Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
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Mohacs-Novi Sad
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Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
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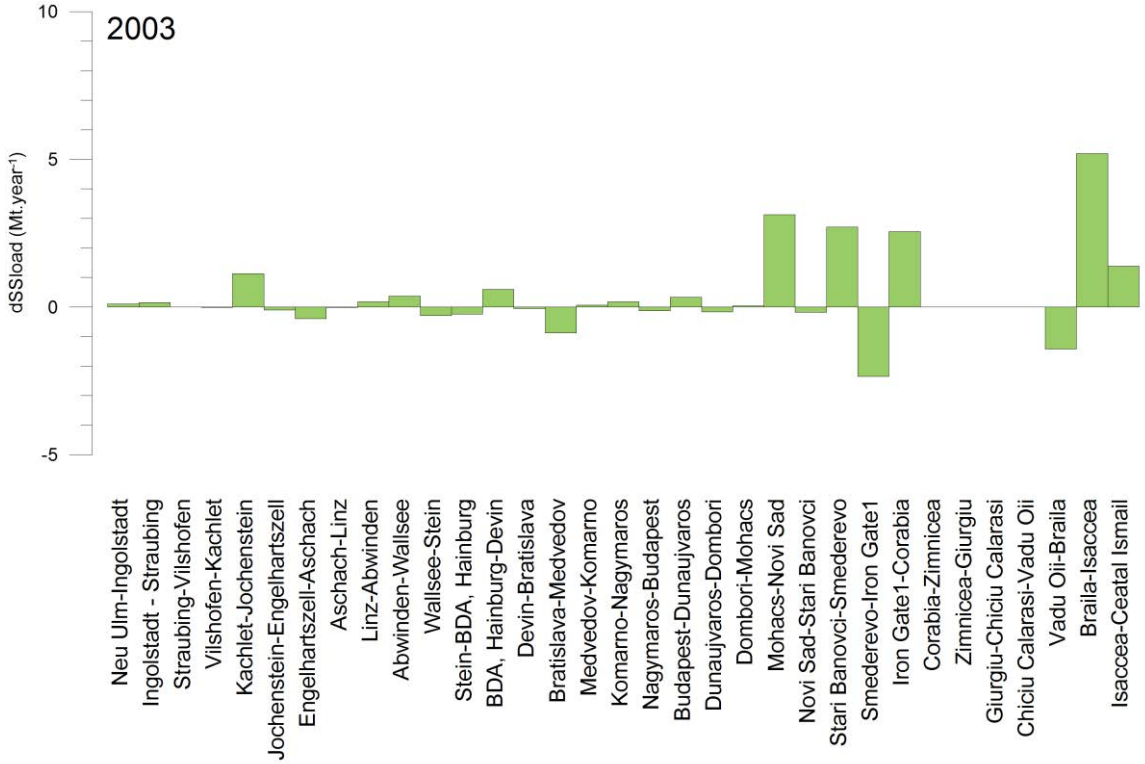
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Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
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Bratislava-Medvedov
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Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
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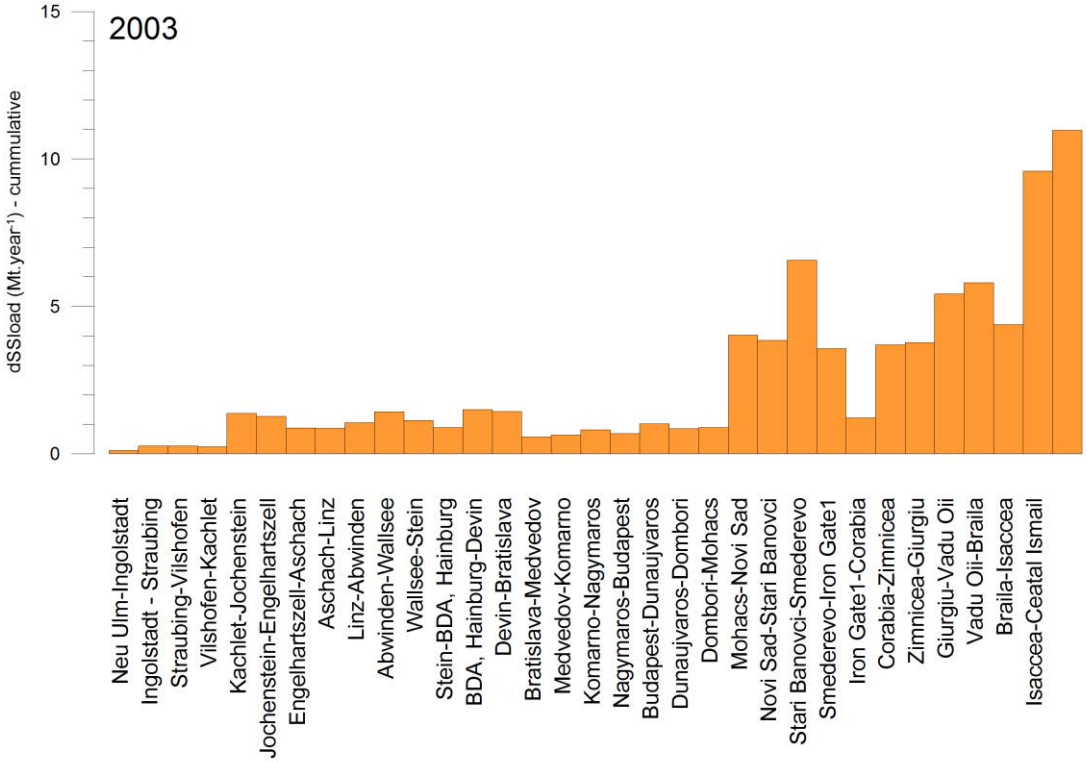
Braila-Isaccea
Isaccea-Ceatal Ismail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Stari Banovci-Smederevo
Smederevo-Iron Gate1
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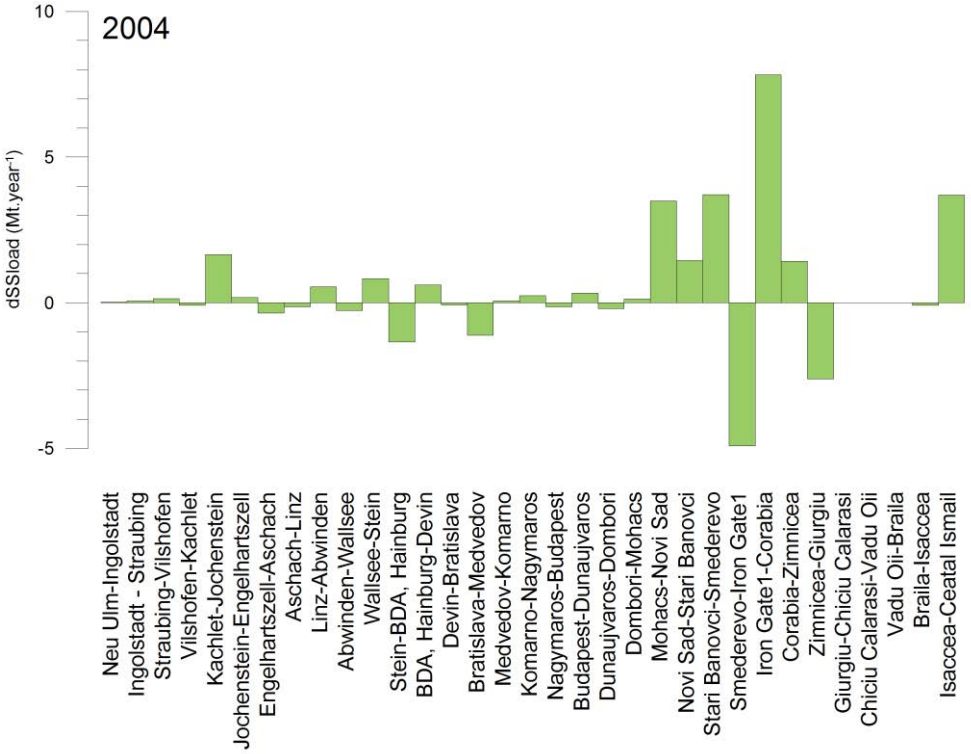
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Braila-Isaccea
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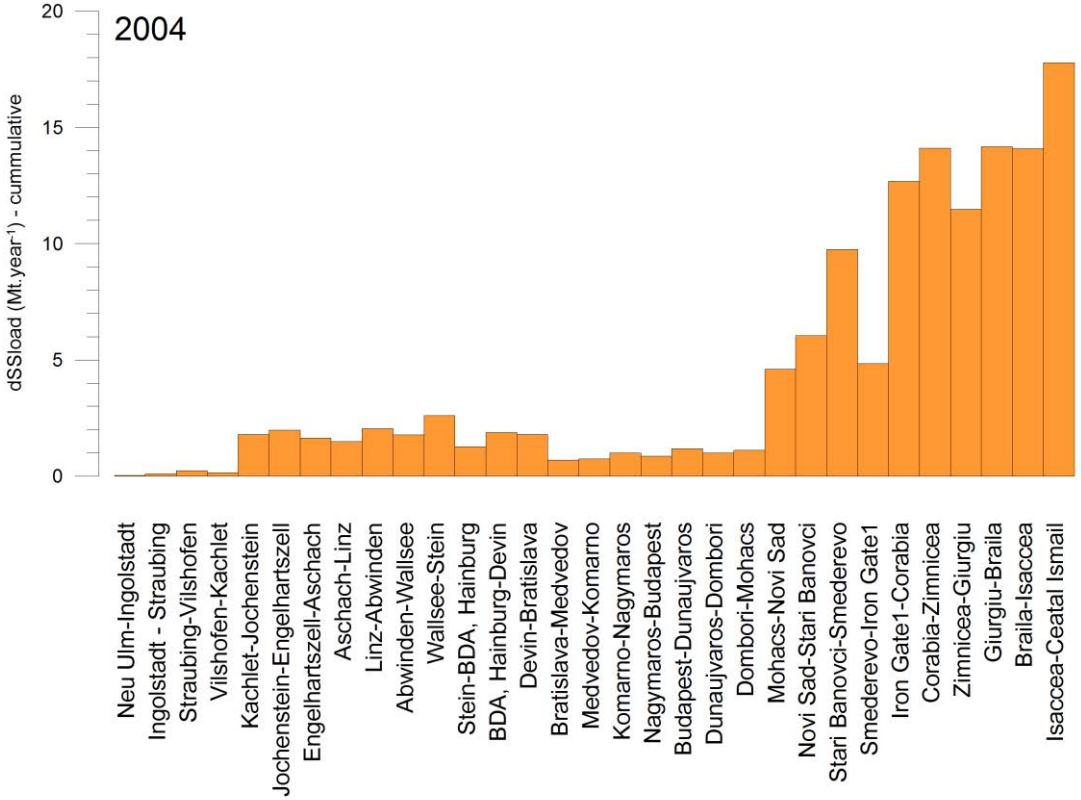
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Kachlet-Jochenstein
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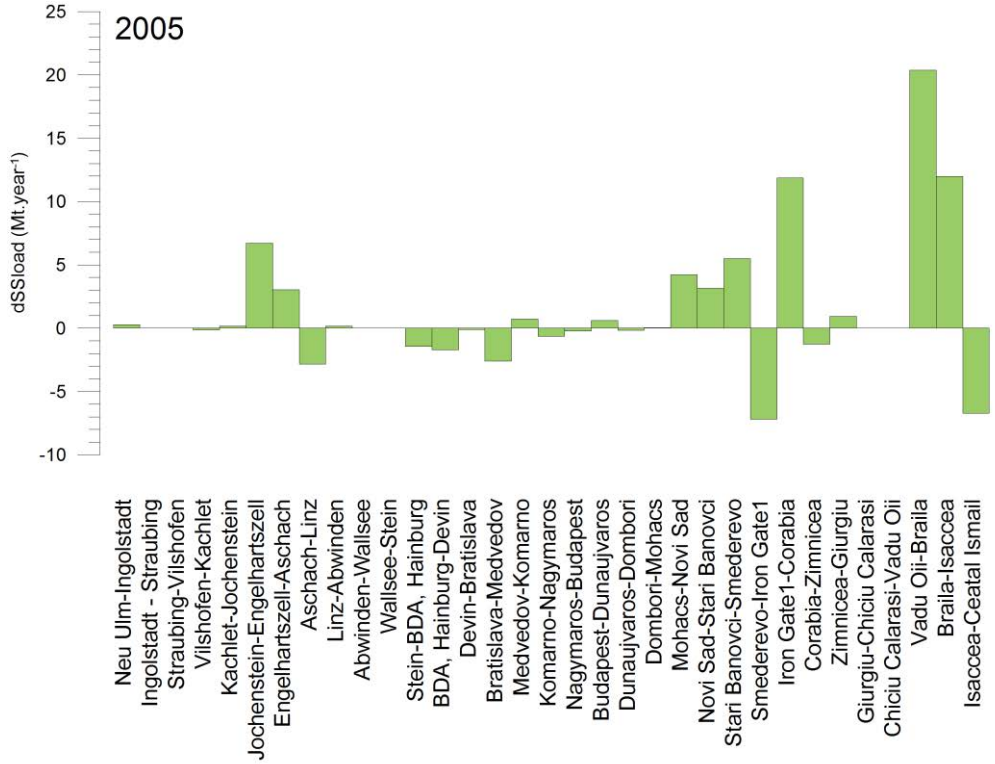
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Ingolstadt - Straubing
Straubing-Vilshofen
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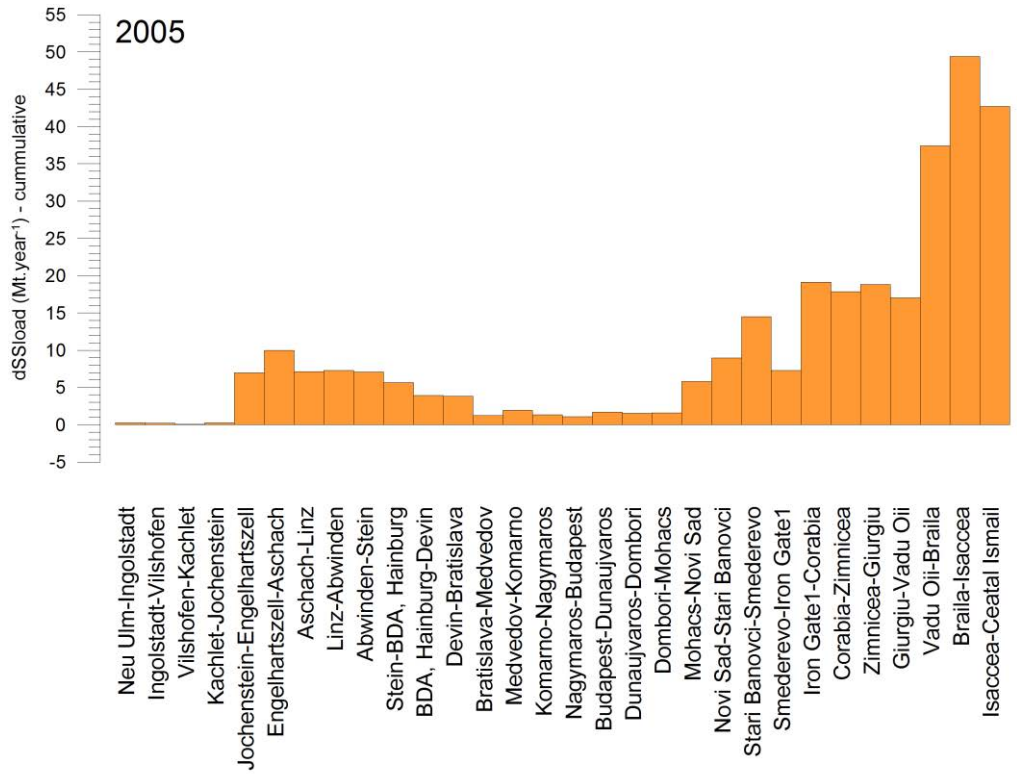
2005
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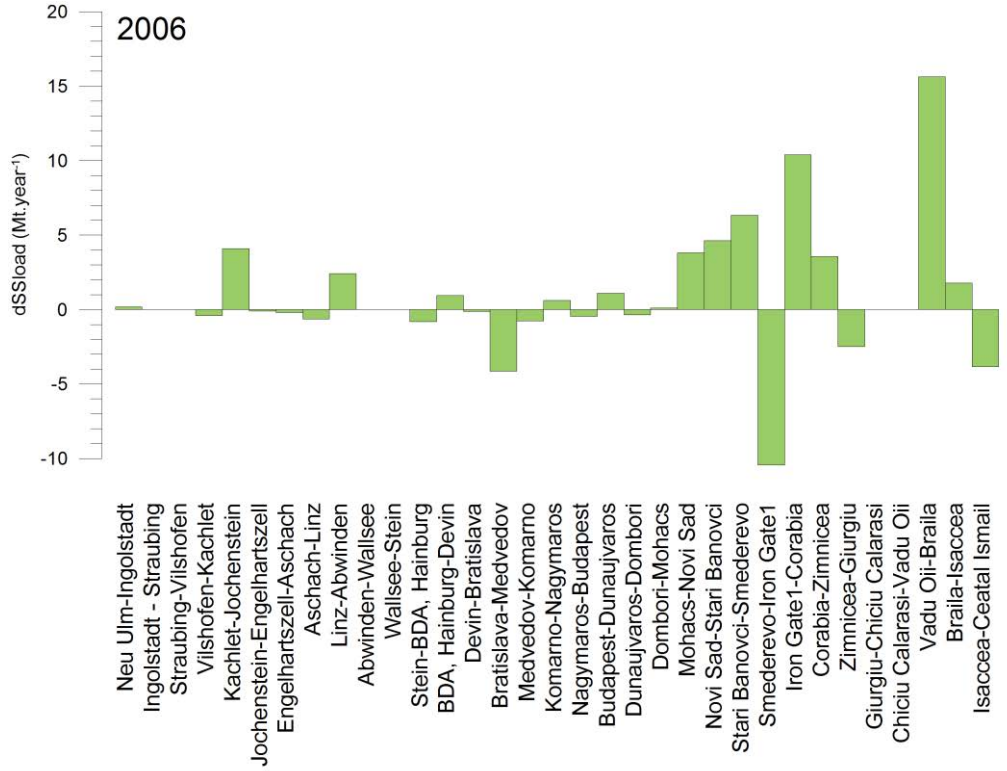
Neu Ulm-Ingolstadt
Ingolstadt-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2006
dSSload (Mt.year-1)
20
15
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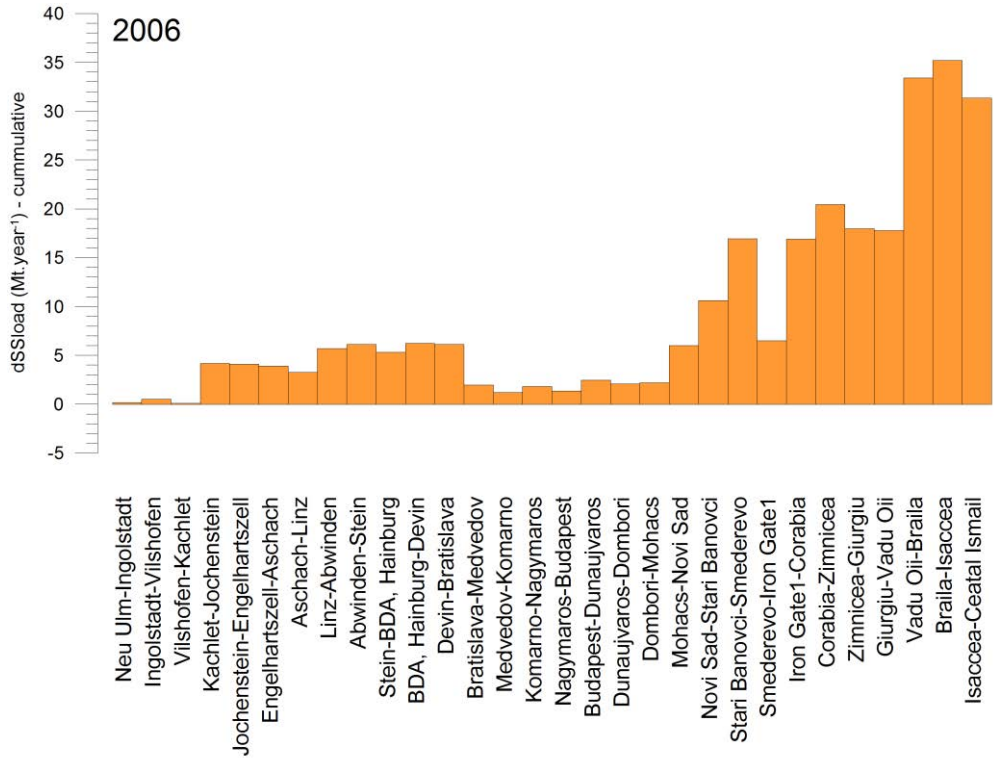
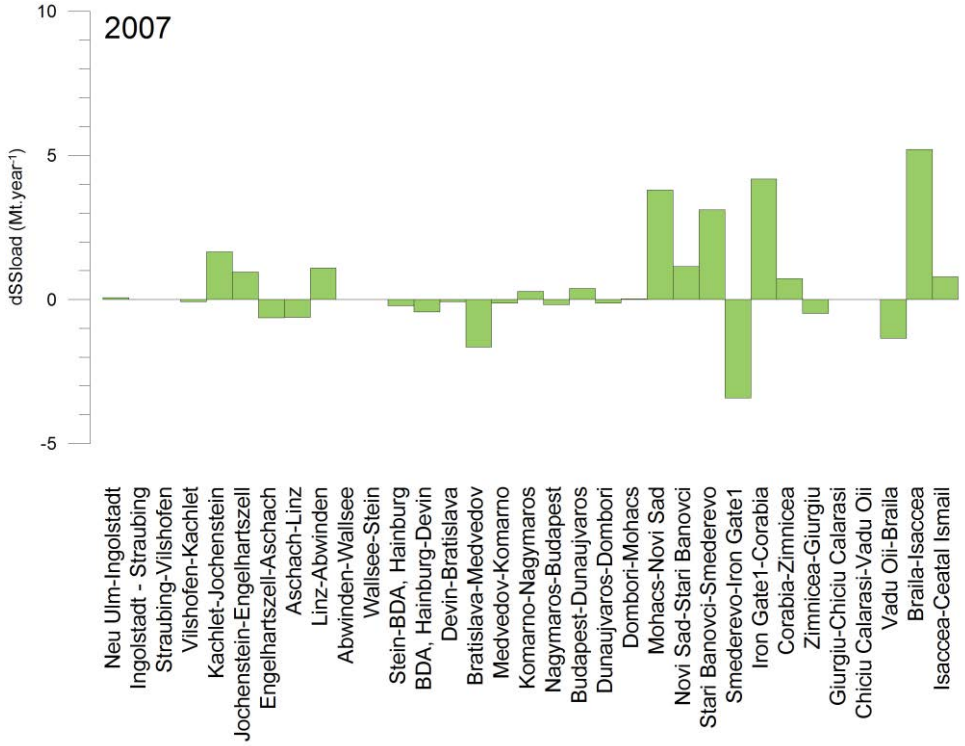
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2006
dSSload (Mt.year-1) - cummulative
40
35
30
25
20
15
10
5
0
-5
Neu Ulm-Ingolstadt
Ingolstadt-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2007
dSSload (Mt.year-1)
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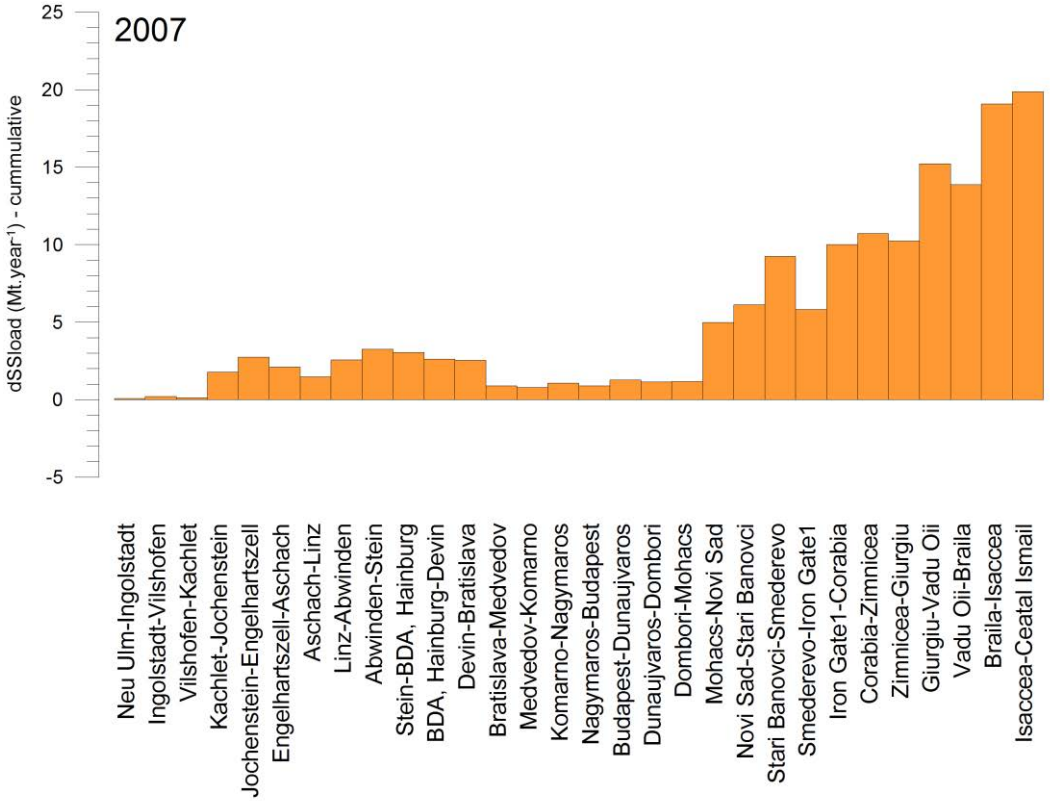
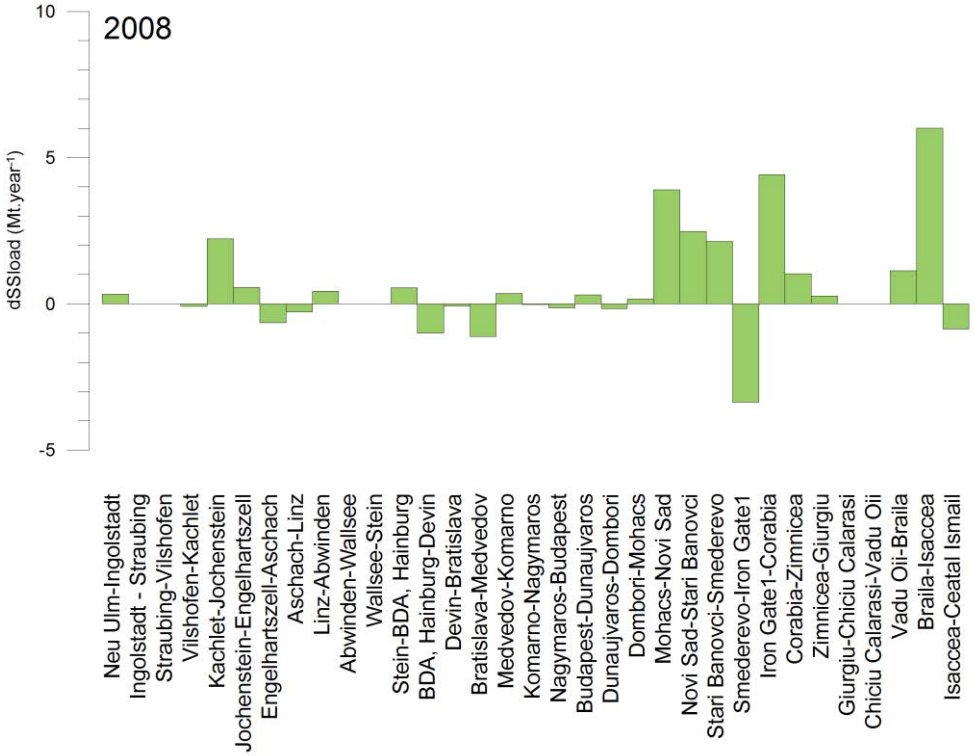
0
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2007
dSSload (Mt.year-1) - cummulative
25
20
15
10
5
0
-5
Neu Ulm-Ingolstadt
Ingolstadt-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2008
dSSload (Mt.year-1)
10
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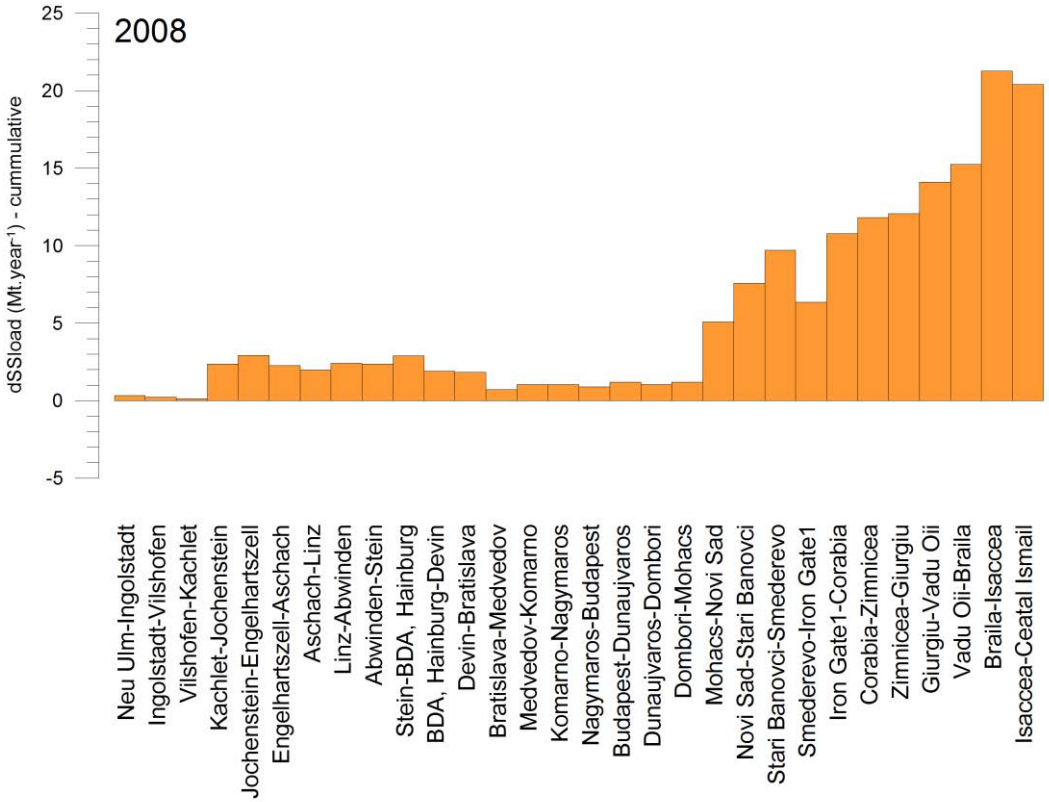
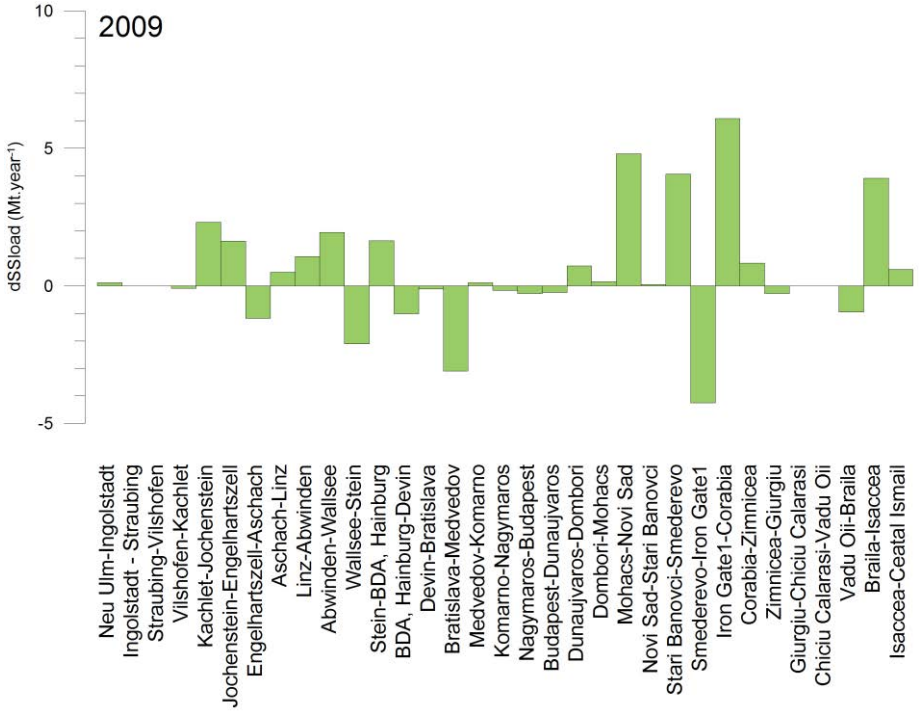
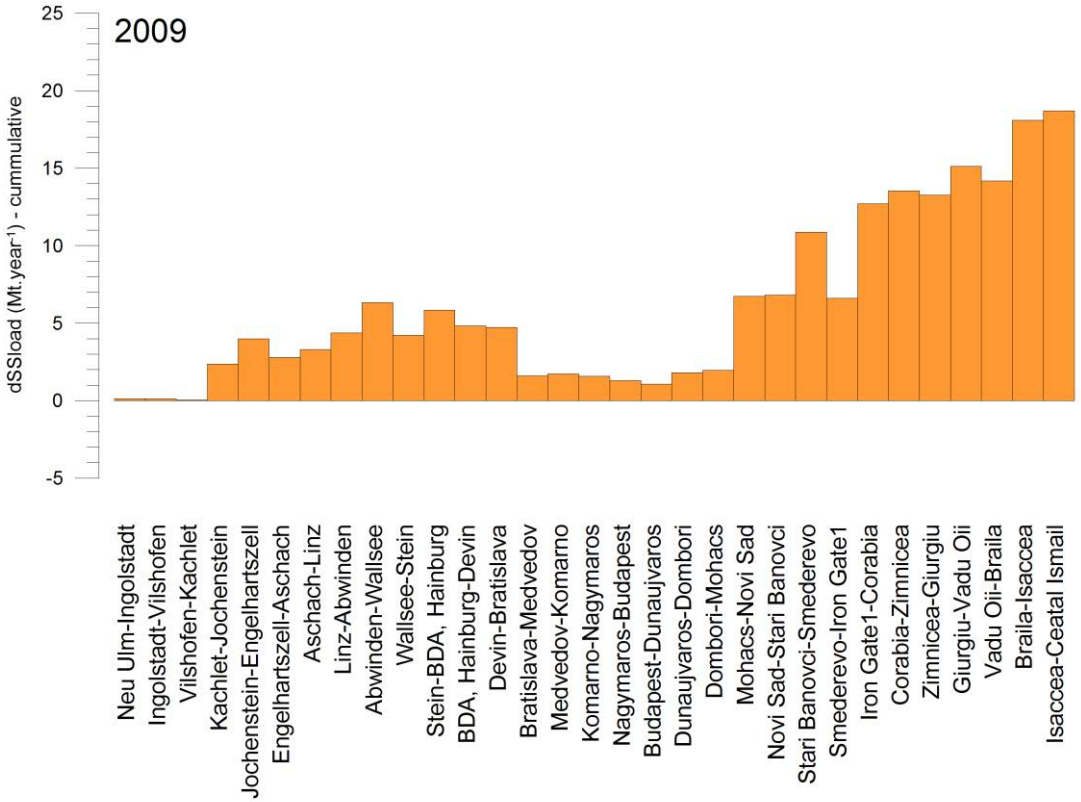
0
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2008
dSSload (Mt.year-1) - cummulative
25
20
15
10
5
0
-5
Neu Ulm-Ingolstadt
Ingolstadt-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2009
dSSload (Mt.year⁻¹)
10
5
0
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2009
dSSload (Mt.year⁻¹) - cummulative
25
20
15
10
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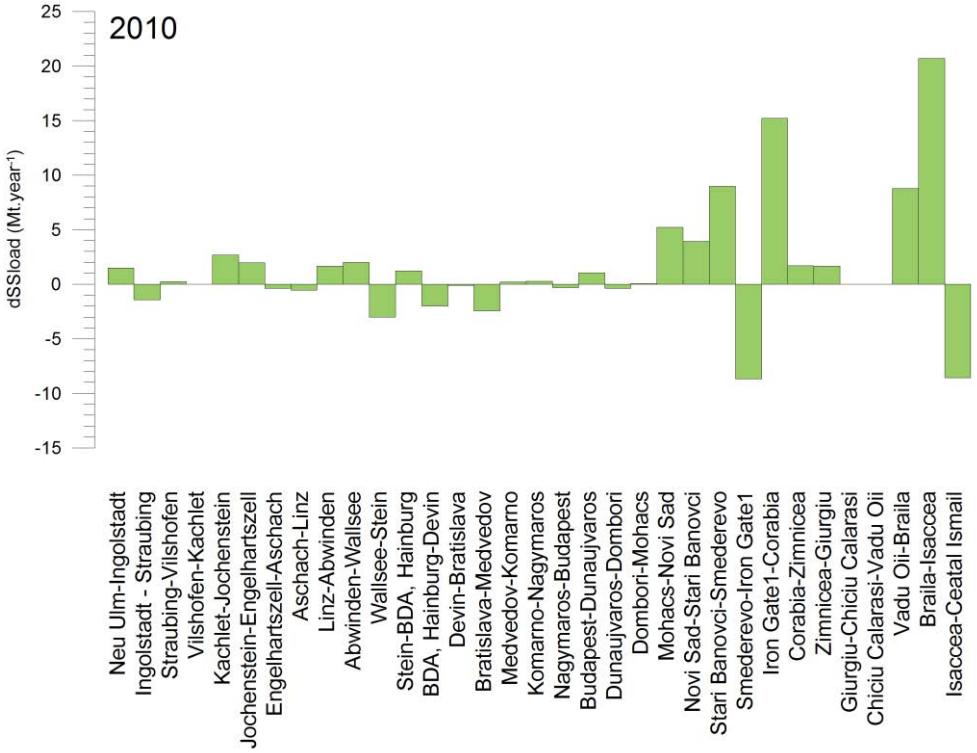
0
-5
Neu Ulm-Ingolstadt
Ingolstadt-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2010
dSSload (Mt.year-1)
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20
15
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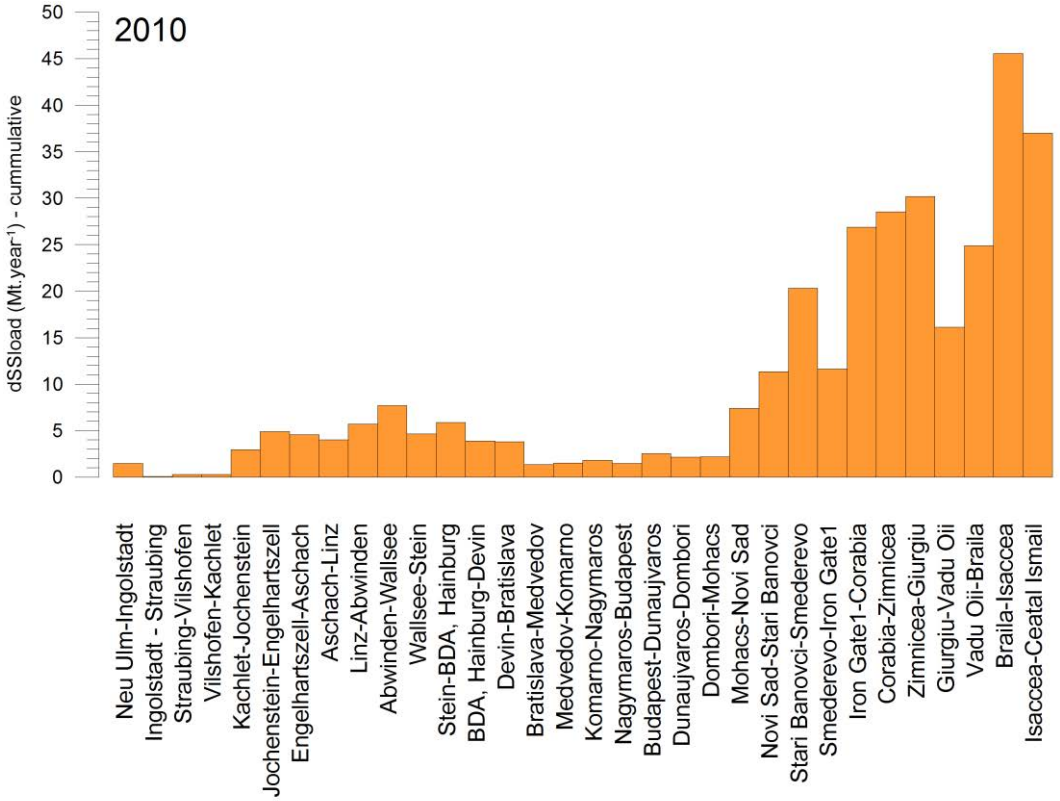
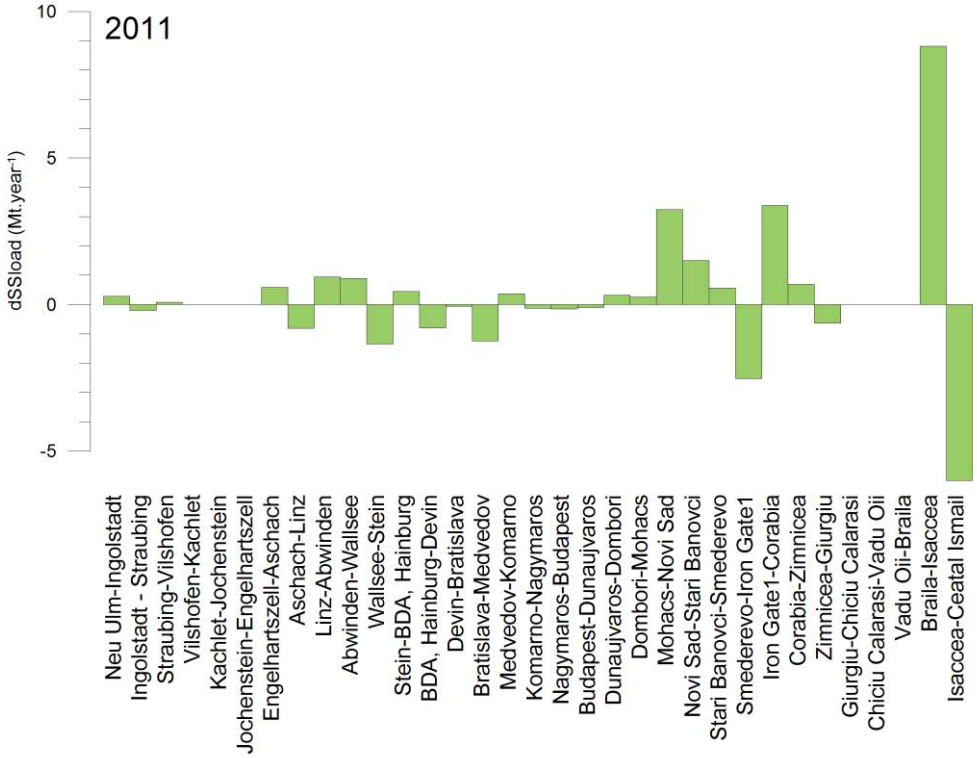
0
-5
-10
-15
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2010
dSSload (Mt.year-1) - cummulative
50
45
40
35
30
25
20
15
10
5
0
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2011
dSSload (Mt.year-1)
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Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
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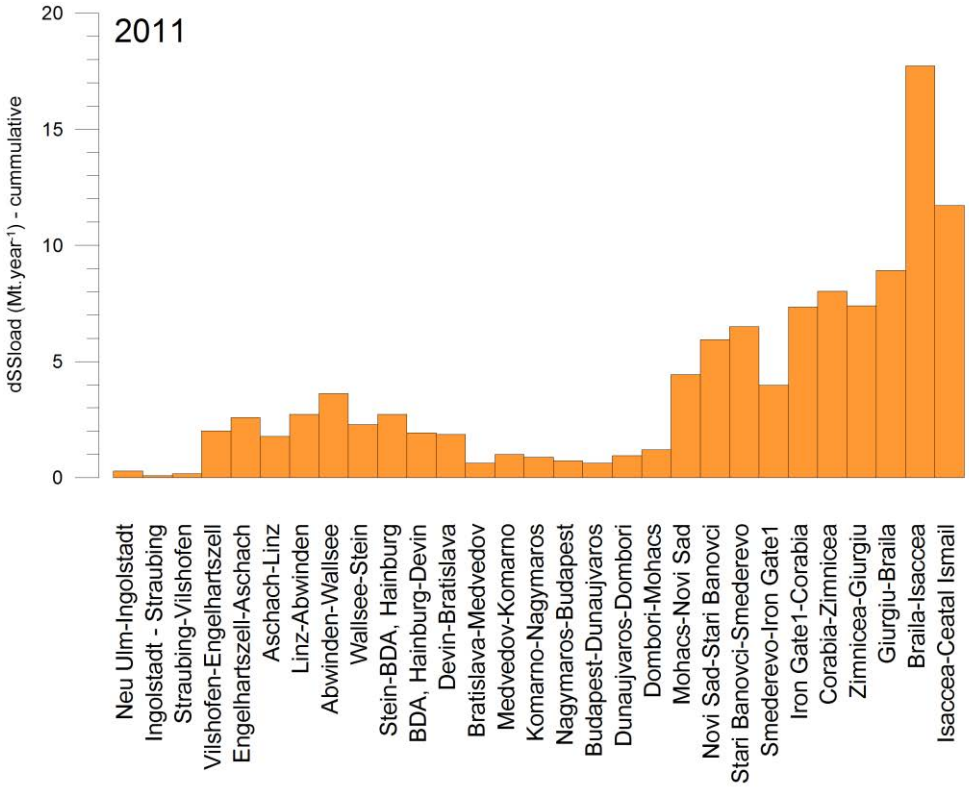
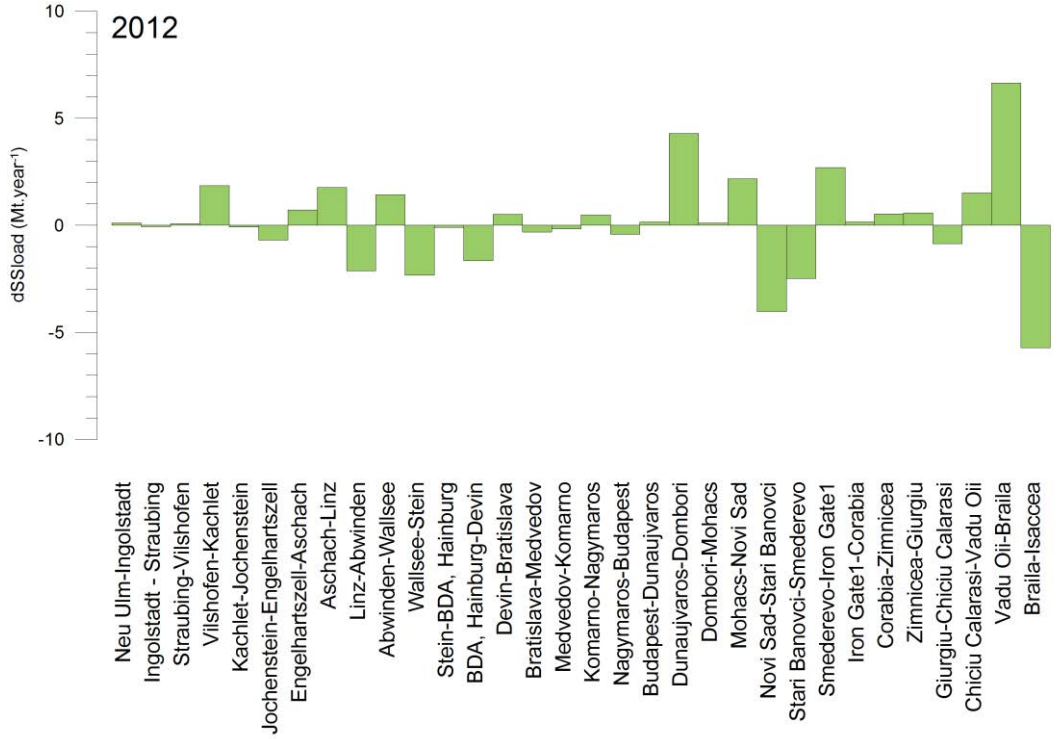
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2011
dSSload (Mt.year-1) - cummulative
20
15
10
5
0
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2012
dSSload (Mt.year-1)
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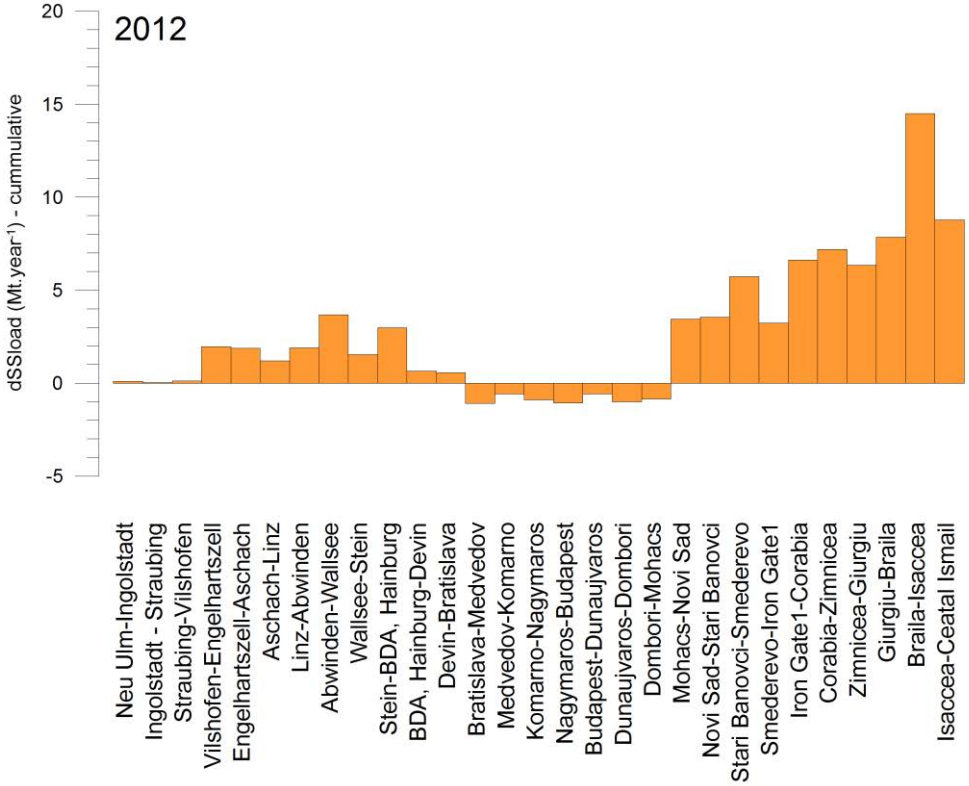
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea


2012
dSSload (Mt.year-1) - cummulative
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5
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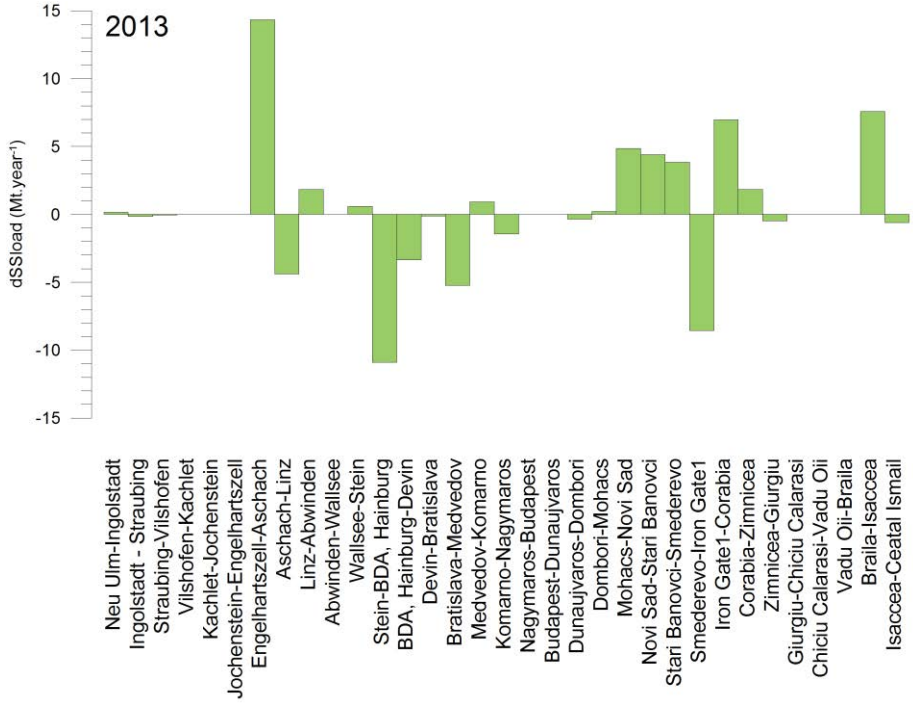
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2013
dSSload (Mt.year⁻¹)
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-5
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Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
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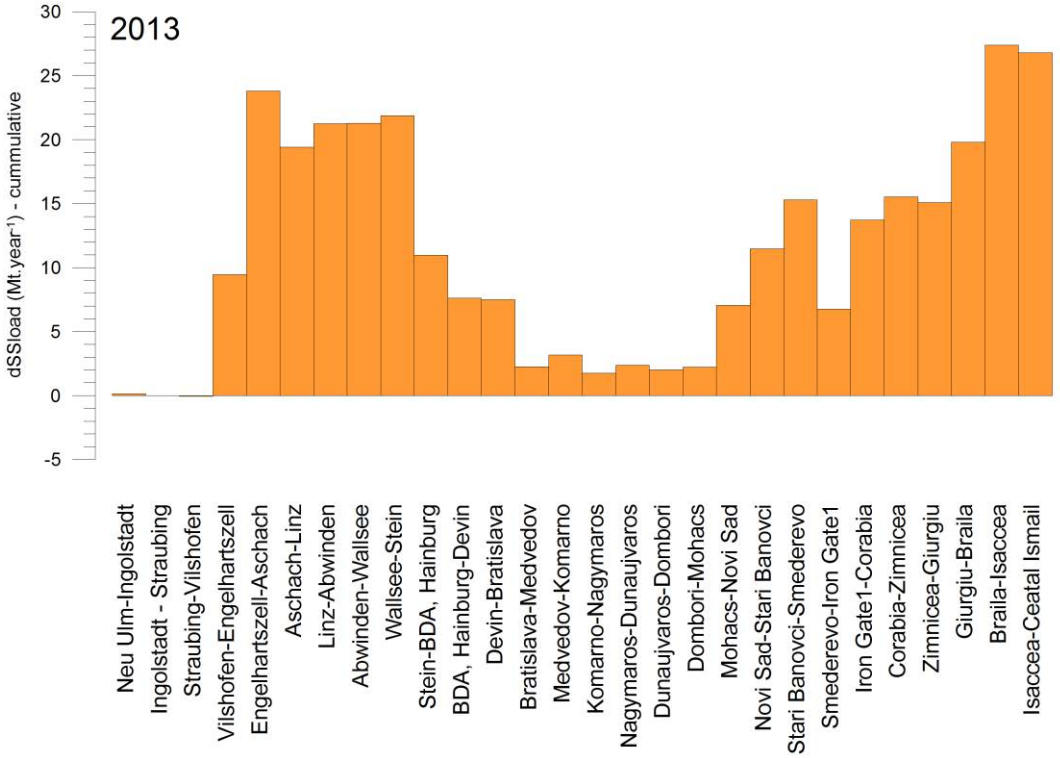
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2013
dSSload (Mt.year⁻¹) - cummulative
30
25
20
15
10
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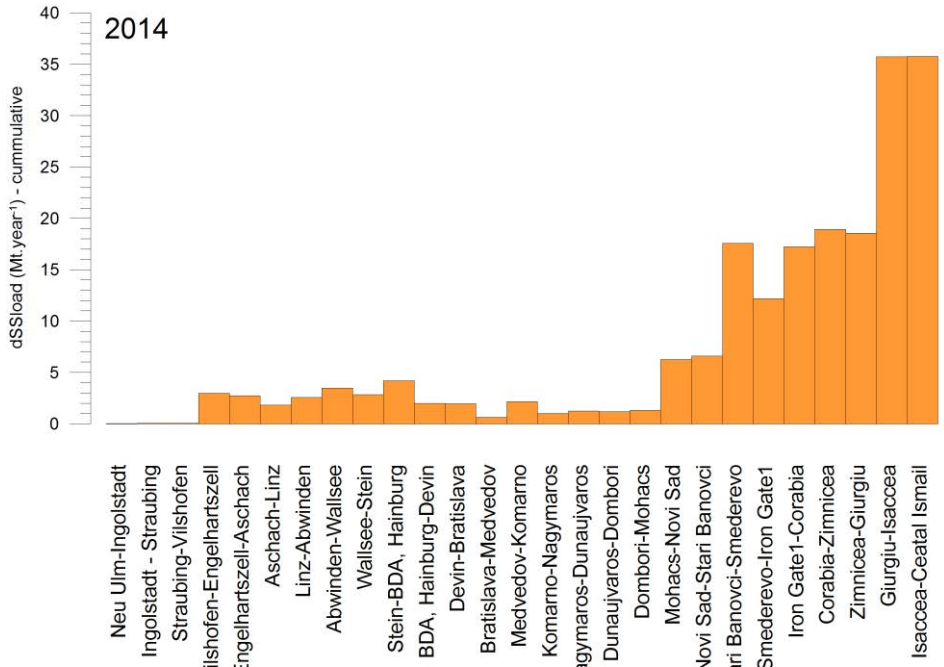
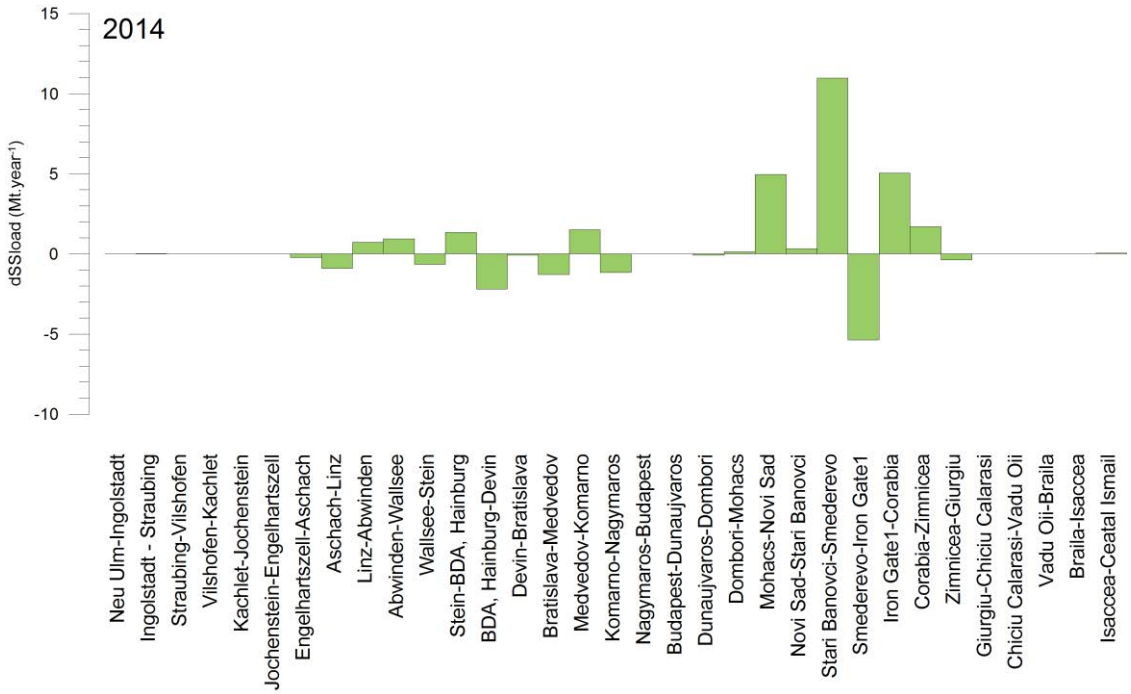
0
-5
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail


2014
dSSload (Mt.year-1) - cummulative
40
35
30
25
20
15
10
5
0
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Isaccea
Isaccea-Ceatal Ismail

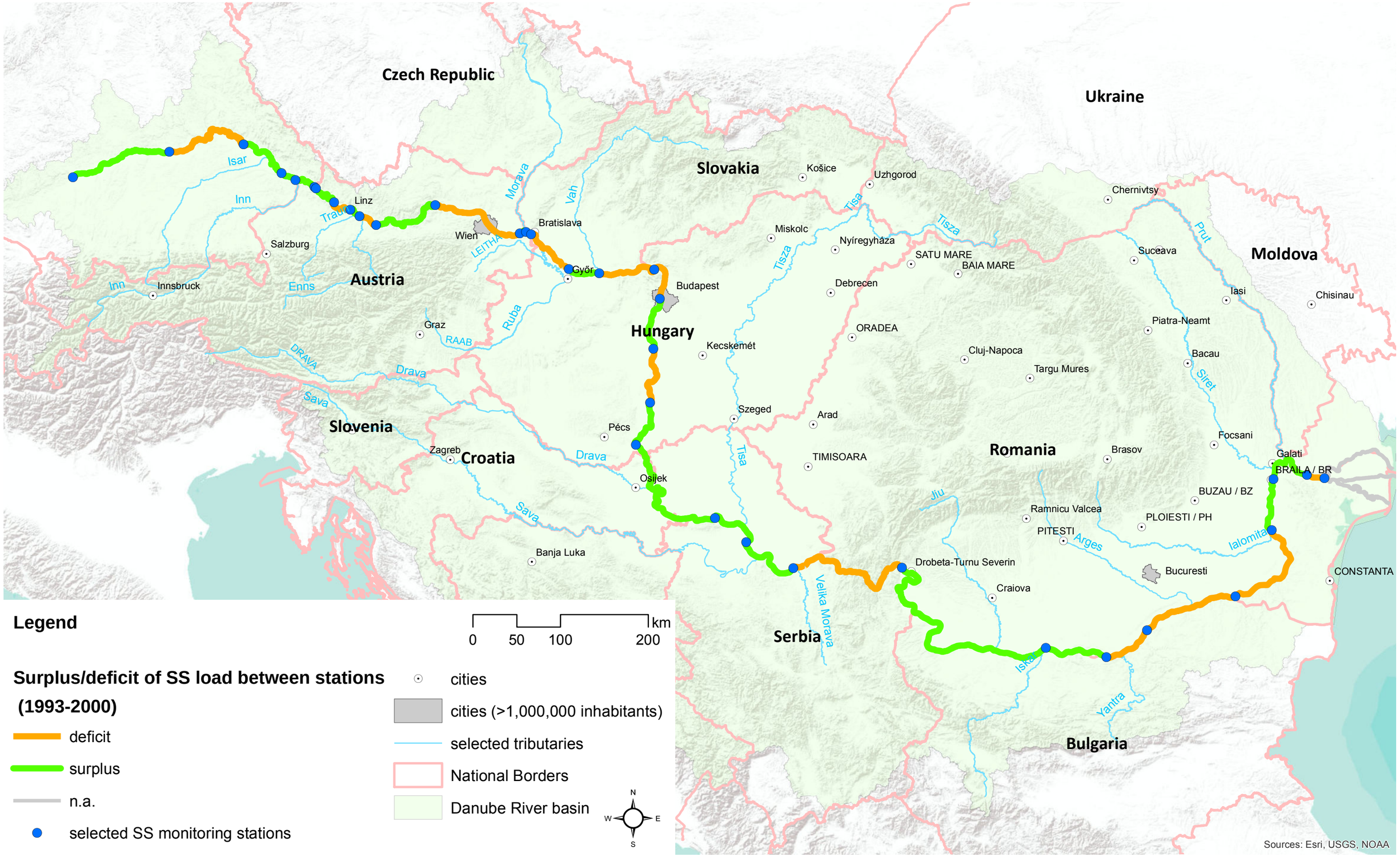

2014
dSSload (Mt.year-1)
15
10
5
0
-5
-10
Neu Ulm-Ingolstadt
Ingolstadt - Straubing
Straubing-Vilshofen
Vilshofen-Kachlet
Kachlet-Jochenstein
Jochenstein-Engelhartszell
Engelhartszell-Aschach
Aschach-Linz
Linz-Abwinden
Abwinden-Wallsee
Wallsee-Stein
Stein-BDA, Hainburg
BDA, Hainburg-Devin
Devin-Bratislava
Bratislava-Medvedov
Medvedov-Komarno
Komarno-Nagymaros
Nagymaros-Budapest
Budapest-Dunaujvaros
Dunaujvaros-Dombori
Dombori-Mohacs
Mohacs-Novi Sad
Novi Sad-Stari Banovci
Stari Banovci-Smederevo
Smederevo-Iron Gate1
Iron Gate1-Corabia
Corabia-Zimnicea
Zimnicea-Giurgiu
Giurgiu-Chiciu Calarasi
Chiciu Calarasi-Vadu Oii
Vadu Oii-Braila
Braila-Isaccea
Isaccea-Ceatal Ismail

Annex 6: Maps of surplus and deficit of suspended sediment load

Authors: Water Research Institute with contribution by project partners (BME, BOKU, OVF, NARW, NIHWM, LfU, NIMH, EAEMDR, HRVODE, IzVRS, TUM, JCI, Plovput)

Project co-funded by European Union funds (ERDF, IPA)

Annual surplus and deficit of suspended sediment load in partial river reaches (1993-2000)

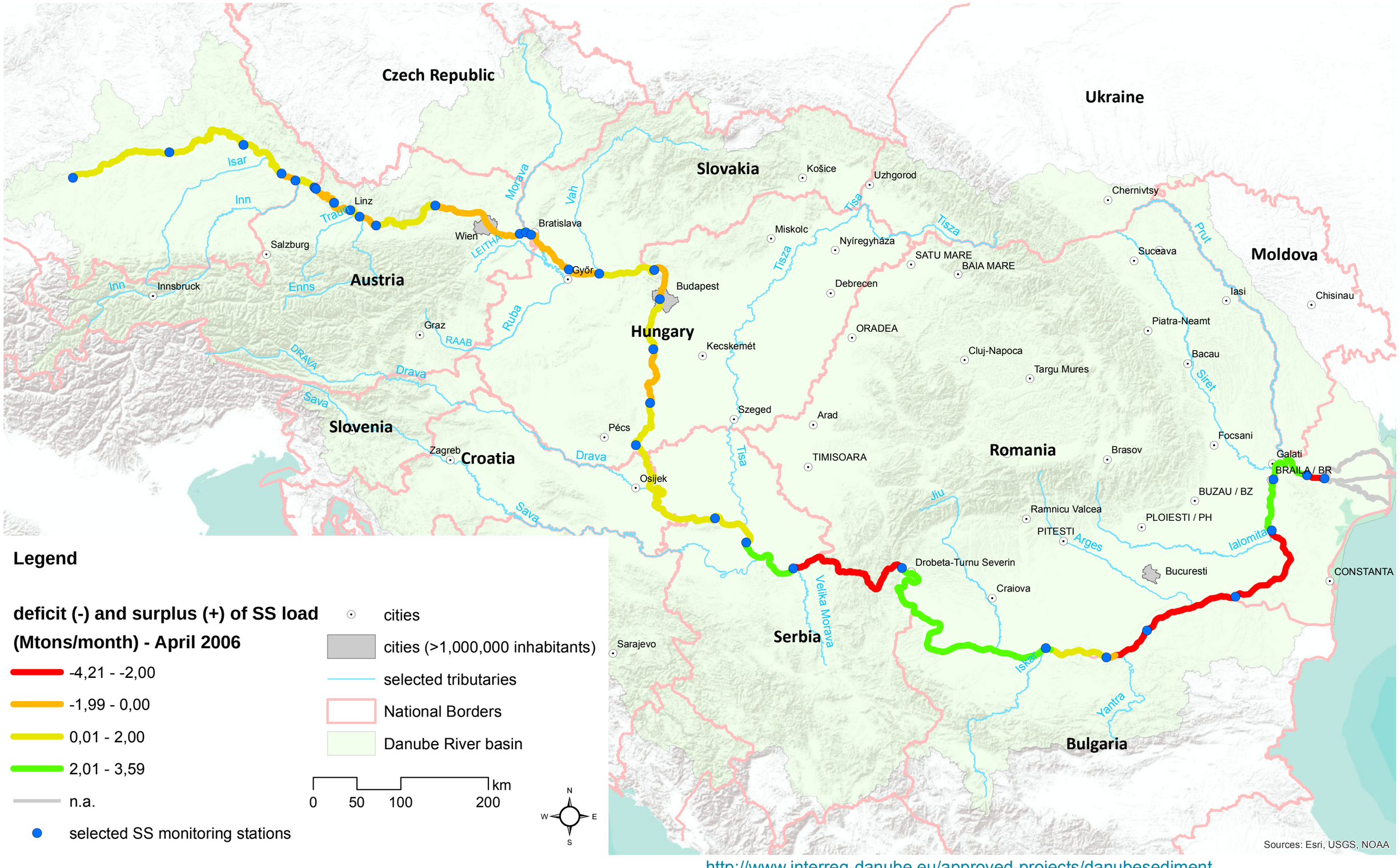


http://www.interreg-danube.eu/approved-projects/danubesediment

This map was produced in the frame of EU funded project DanubeSediment based on national information provided by Contracting Parties (AT, BG, DE, HR, HU, RO, RS, SK).
Bratislava, September 2019

Interreg
Danube Transnational Programme
DanubeSediment

Surplus and deficit of suspended sediment load in partial river reaches during flood 2006



Legend

deficit (-) and surplus (+) of SS load (Mtons/month) - April 2006

- -4,21 - -2,00
- -1,99 - 0,00
- 0,01 - 2,00
- 2,01 - 3,59
- n.a.
- selected SS monitoring stations

- cities
- cities (>1,000,000 inhabitants)
- selected tributaries
- National Borders
- Danube River basin

0 50 100 200 km

N W E S

http://www.interreg-danube.eu/approved-projects/danubesediment

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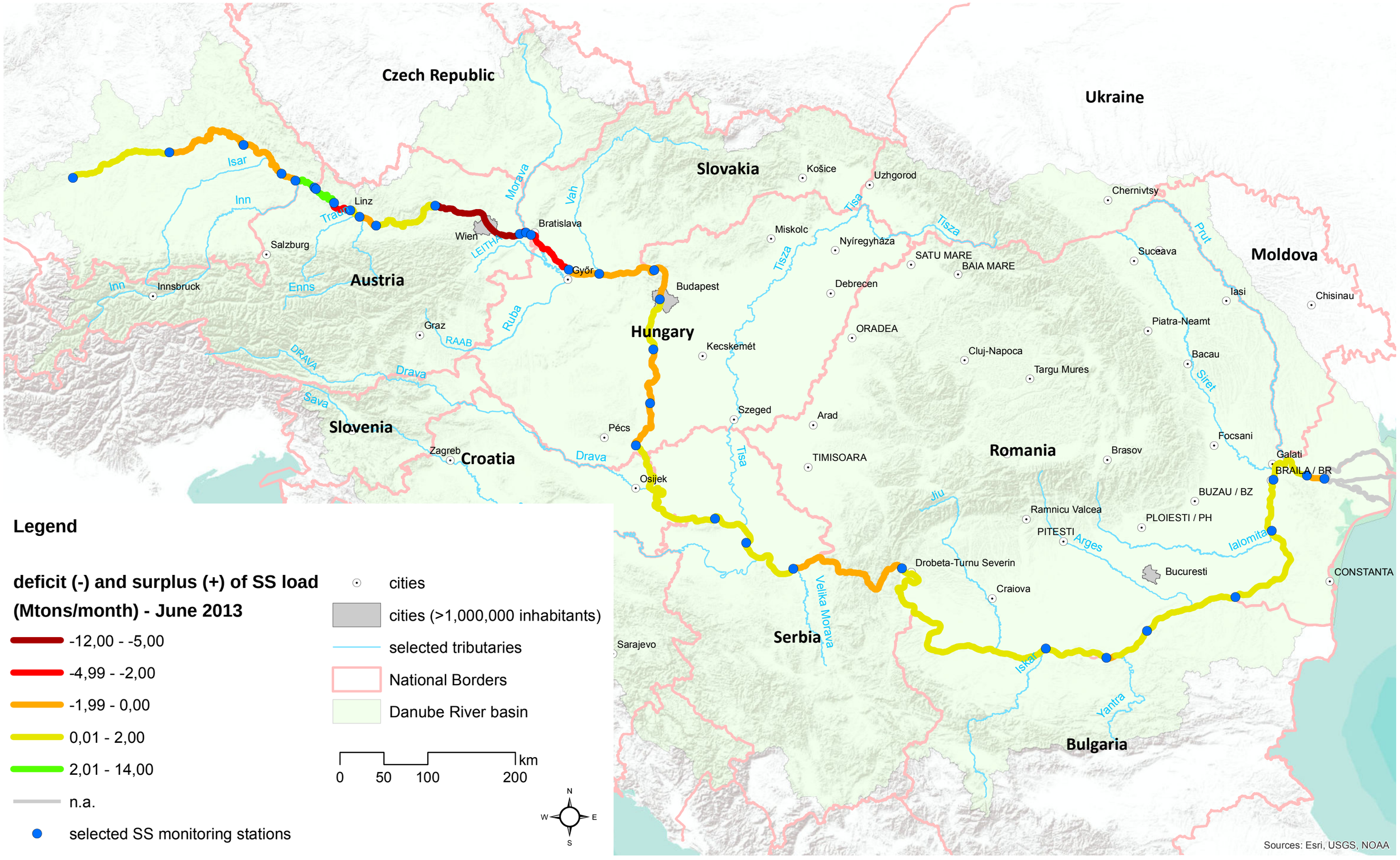
Surplus and deficit of suspended sediment load in partial river reaches during flood 2013



Legend

deficit (-) and surplus (+) of SS load (Mtons/month) - June 2013

- -12,00 - -5,00
- -4,99 - -2,00
- -1,99 - 0,00
- 0,01 - 2,00
- 2,01 - 14,00
- n.a.
- selected SS monitoring stations

- cities
- cities (>1,000,000 inhabitants)
- selected tributaries
- National Borders
- Danube River basin

0 50 100 200 km

N W E S

http://www.interreg-danube.eu/approved-projects/danubesediment

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