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Time-integrated 3D approach of late Quaternary sedimentdepocenter migration in the Tagus depositional system: From river valley to abyssal plain

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Lab. Nr.	¹⁴ C age yrs BP ± 1σ	Age cal. BP 2σ	Midpoint	Coordinates (x-y/z) (m)	Sample depth (cm)	Borehole name	Remarks	First published	Calibration curve
GrA-27234	5530 +/- 45	6410-6210	6310	531.812-4342.025/+8	740-741	0401.003/203	-	Vis et al. (2008)	intcal04.14c
GrA-27236	2005 +/- 35	2050-1870	1960	543.112-4350.825/+9	300-310	0401.004/204	-	Vis et al. (2008)	intcal04.14c
GrA-29205	1390 +/- 35	1360-1265	1313	541.501-4362.494/+14.3	366-370	0401.021	loogextract	Vis et al. (2008)	intcal04.14c
GrA-29447	1510 +/- 40	1520-1310	1415	541.501-4362.494/+14.3	366-370	0401.021	residue	Vis et al. (2008)	intcal04.14c
GrA-29214	3850 +/- 40	4410-4150	4280	541.501-4362.494/+14.3	506-508	0401.021	loogextract	Vis et al. (2008)	intcal04.14c
GrA-29215	3610 +/- 60	4090-3720	3905	541.501-4362.494/+14.3	506-508	0401.021	residue	Vis et al. (2008)	intcal04.14c
GrA-29216	4215 +/- 40	4860-4610	4735	541 501-4362 494/+14 3	554-556	0401 021	loogextract	Vis et al. (2008)	intcal04 14c
GrA-29218	3945 +/- 40	4520-4240	4380	541 501-4362 494/+14 3	554-556	0401 021	residue	Vis et al. (2008)	intcal04 14c
GrA-29220	545 +/- 35	650-510	580	544 533-4358 745/+16 63	370-380	0401 013	charcoal (AAA)	Vis et al. (2008)	intcal04 14c
GrA-29221	200 +/- 35	310-0	155	540 649-4352 679/+15 68	370-380	0401 104	charcoal (AAA)	Vis et al. (2008)	inteal04.14c
GrA-29530	930 ±/- 35	930-760	845	542 899-4360 935/+16 23	260-270	0401.002	Sieved at 250 & 125 um	Vis et al. (2008)	intcal04.14c
GrA-29843	65 ±/- 40	270-0	135	541 504-4352 118/+13 22	540-550	0401.002	Sieved at 250 um	Vis et al. (2008)	intcal04.14c
GrA-20535	2400 ±/- 40	2730-2360	2545	541 504-4352 118/+13 22	840-850	0401.015	Sieved at 250 & 125 um	Vis et al. (2008)	inteal04.14c
GrA-29535	245 +/- 35	490-300	2040	540 640-4352 670/+15 68	610-620	0401.013	Sieved at 250 um	Vis et al. (2008)	inteal04.14c
GrA 20520	1005 1/ 25	430-300	1000	541 594 4252 094/116 65	200 210	0401.104	Sieved at 250 g 125 um	Vis et al. (2008)	inteal04.14c
GIA-29559	1095 +/- 35	F200 4070	1000 5125	541.564-4552.064/+10.05	000-010	0401.100	Sieved at 250 & 125 µm	Vis et al. (2008)	inteol04.14c
GIA-30010	4400 +/- 30 6500 +/ 50	7510 7200	7405	542.943-4350.007/+12.73	923-920	0401.302/32	Sieved at 125 µm	Vis et al. (2008)	inteol04.14c
GIA-31005	6360 +/- 50	7510-7300	7405	542.943-4350.007/+12.73	1491-1495	0401.302/32	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GIA-30901	6360 + /- 43	7420-7170	7295	542.943-4350.007/+12.73	1004 4000	0401.302/32	Sieved at 125 µm	Vis et al. (2006)	Intcal04.14c
GrA-30615	5790 +/- 40	6680-6480	6580	540.407-4359.849/+12	1024-1029	0501.029	Sieved at 200 µm	Vis et al. (2008)	Intcal04.14c
GrA-31004	5900 +/- 45	6860-6630	6745	540.407-4359.849/+12	1046-1050	0501.029	Sleved at 200 µm	Vis et al. (2008)	
GrA-30860	325 +/- 30	480-300	390	548.938-4364.435/+25	110-120	-	charcoal	Vis et al. (2009)	Intcal04.14c
GrA-32584	8030 +/- 40	9030-8750	8890	531.088-4346.563/+11.38	2230-2240	0501.016	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32586	2440 +/- 30	2710-2350	2530	531.726-4345.914/+11.07	820-830	0501.013	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GrA-32647	2480 +/- 30	2720-2360	2540	522.094-4335.448/+3.94	240-250	0501.042	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GrA-33637	5640 +/- 45	6510-6300	6405	522.373-4335.353/+4.30	1160-1170	0501.041	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32650	600 +/- 25	660-540	600	524.799-4333.804/+7.60	690-700	0501.030	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GrA-32651	6165 +/- 35	7170-6950	7060	526.038-4333.421/+7.42	770-780	0501.025	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32654	7440 +/- 40	8360-8180	8270	526.038-4333.421/+7.42	1260-1270	0501.025	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32587	2625 +/- 30	2785-2720	2753	514.130-4322.014/+4	860-880	0501.050	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GrA-32644	450 +/- 30	540-470	505	512.824-4323.436/+3	360-370	0501.051	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-33636	101,91 +/- 0,4%	0	0	512.474-4323.832/+3	1590-1610	0501.052	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32645	2555 +/- 30	2760-2500	2630	514.940-4321.160/+4	1440-1450	0501.044	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
GrA-32646	5010 +/- 35	5900-5650	5775	512.474-4323.832/+3	860-870	0501.052	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32656	1765 +/- 30	1820-1570	1695	504.812-4310.535/+2	440-480	0501.071	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
GrA-32655	6265 +/- 35	7270-7020	7145	544.750-4358.375/+17.40	1967-1974	0401.304/S4	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14746	2530 +/- 60	2760-2360	2560	540.407-4359.849/+12	516-520	0501.029	Sieved at 125 µm	Vis et al. (2010b)	intcal04.14c
UtC-14747	3089 +/- 38	3390-3210	3300	540.407-4359.849/+12	604-607	0501.029	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
UtC-14748	4129 +/- 42	4830-4520	4675	540.407-4359.849/+12	711-712	0501.029	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
UtC-14749	1022 +/- 37	1060-790	925	540.407-4359.849/+12	331-334	0501.029	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
UtC-14750	1136 +/- 38	1180-960	1070	540.407-4359.849/+12	331-334	0501.029	Sieved at 125 µm	Vis et al. (2008)	intcal04.14c
UtC-14744	1630 +/- 35	1610-1410	1510	526.420-4333.197/+5	140-150	0601.002	-	Vis et al. (2008)	intcal04.14c
UtC-14745	3849 +/- 47	4420-4100	4260	526.420-4333.197/+5	280-290	0601.002	-	Vis et al. (2008)	intcal04.14c
UtC-14909	4145 +/- 42	4830-4530	4680	523.321-4334.600/+7	1004-1010	0601.301	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14910	6860 +/- 50	7800-7590	7695	523.321-4334.600/+7	1898	0601.301	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14911	8880 +/- 60	10190-9740	9965	523.321-4334.600/+7	2748-2753	0601.301	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14904	3647 +/- 41	4090-3850	3970	505.439-4310.324/+2	1281	0601.302	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14905	6247 +/- 46	7270-7010	7140	505.439-4310.324/+2	2192-2196	0601.302	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14906	8900 +/- 50	10200-9780	9990	505.439-4310.324/+2	2842-2848	0601.302	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14907	9990 +/- 70	11800-11200	11500	505.439-4310.324/+2	3710-3716	0601.302	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-14908	12160 +/- 90	14260-13780	14020	505.439-4310.324/+2	4919-4925	0601.302	Sieved at 63 µm	Vis et al. (2008)	intcal04.14c
UtC-1983	6040 ± 50	7010-6740	6875	536.620-4342.720/+7.5	761-760	Alpiarca III	-	Vis et al. (2010a)	intcal04.14c
UtC-1984	5670 ± 40	6560-6320	6440	536.620-4342.720/+7.5	752-751	Alpiarca III	-	Vis et al. (2010a)	intcal04.14c
UtC-1985	3660 ± 40	4410-3870	4005	536.620-4342.720/+7.5	502-501	Alpiarca III	-	Vis et al. (2010a)	intcal04.14c
UtC-1986	2200 ± 40	2340-2120	2230	536.620-4342.720/+7.5	301-299	Alpiarca III	-	Vis et al. (2010a)	intcal04.14c
-	900 ± 40	?	816	530.589-4347.131/+11.15	103-104	SEV	-	Azevêdo et al. (2006)	intcal04.14c
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-	1987 cal BP	?	?	530.589-4347.131/+11.15	300	SEV	-	Azevêdo et al. (unpublished)	intcal04.14c
-	2930 ± 40	?	3086	530.589-4347.131/+11.15	454-455	SEV	-	Azevêdo et al. (2006)	intcal04.14c
Beta-184659	3320 ± 40	?	3550	530.589-4347.131/+11.15	649-650	SEV	-	Azevêdo et al. (2006)	intcal04.14c
Beta-184660	6090 ± 40	?	6960	530.589-4347.131/+11.15	1074-1075	SEV	-	Azevêdo et al. (2006)	intcal04.14c
-	7290 ± 50	?	8097	530.589-4347.131/+11.15	1230	SEV	-	Azevêdo et al. (2006)	intcal04.14c
-	9800 + 60	?	11219	530 589-4347 131/+11 15	1470	SEV	-	Azevêdo et al. (2006)	intcal04 14c
-	14800 + 80	?	18109	530 589-4347 131/+11 15	1680	SEV	_	Azevêdo et al. (2006)	intcal04 14c
	3530 + 40	2	2	532 600-4342 200/+8	310-311	Goucharia	_	Azevêdo et al. (uppublished)	inteal04.14c
GrN-11838	2590 + 60	2850-2470	2660	535 566-4344 560/+9	320	Alpiarca II	_	Van Leeuwaarden & Janssen (1985)	inteal04.14c
GrN-11839	2000 ± 00 3240 ± 110	3850-3200	3525	535 566-4344 560/+8	440	Alpiarça II	_	Van Leeuwaarden & Janssen (1985)	inteal04.14c
GrN-11840	4580 ± 60	5470-5040	5255	535 566-4344 560/+8	580	Alpiarça II	_	Van Leeuwaarden & Janssen (1985)	inteal04.14c
GrN-11841	4000 ± 00	6200-5550	5875	535.500-4344.500/+8	650	Alpiarça II		Van Leeuwaarden & Janssen (1965)	inteal04.14c
Boto 150252	2400 ± 40	20200-3330	2655	522 090 4224 110/17 40	740	Fonto Polo	-	Pamos Paraira et al. (2002)	inteal04.14c
Boto 150251	2220 + 40	2560 2270	2465	522.900-4334.110/+7.40	270	Fonto Polo	-	Ramos Pereira et al. (2002)	inteal04.14c
Beta 129020	3230 ± 40	1190 900	3405	522.980-4334.110/+7.40	270	Fonte Bela	-	Ramos Pereira et al. (2002)	inteal04.14c
Dela-130920	1090 ± 70	070.40	990	522.960-4334.110/+7.40	70		-	Ramos Pereira et al. (2002)	
-	70 ± 40	270-10	140	522.960-4334.110/+7.40	30		-	Ramos Perena el al. (2002)	
-	4020 ± 40	4790-4410	4000	532.550-4340.950/+0.5	103	Quinta da Boavista	-	Ramos et al. (2002)	
-	3920 ± 40	4520-4230	4375	532.550-4348.950/+6.6	133	Quinta da Boavista	-	Ramos et al. (2002)	
-	3480 ± 40	3850-3640	3745	532.550-4348.950/+6.7	129	Quinta da Boavista	-	Ramos et al. (2002)	
Beta-111010	2220 ± 80	2360-2000	2180	527.995-4329.276/+4.5	94-96	Pit 20	-	Van der Schriek et al. (2007)	Intcal04.14c
Beta-111011	7490 ± 180	8650-7900	8275	527.995-4329.276/+4.5	357-360	Pit 20	-	Van der Schriek et al. (2007)	intcal04.14c
AA-49816	7668 ± 49	8221-7548	7885	526.428-4329.073/+4.0	1073-1076	Core 11	-	Van der Schriek et al. (2007)	marine, Calib Rev. 5.0.2
AA-48977	7263 ± 46	8180-7980	8080	526.428-4329.073/+4.0	1064-1066	Core 12	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48978	7318 ± 44	8200-8010	8105	527.995-4329.276/+4.5	888-890.5	Core 20	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48979	6626 ± 44	7580-7430	7505	527.995-4329.276/+4.5	468-470	Core 21	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48980	4985 ± 73	5900-5600	5750	527.995-4329.276/+4.5	200-202.5	Core 22	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48981	5929 ± 52	6900-6640	6770	527.995-4329.276/+4.5	136.5-138	Core 23	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48982	3006 ± 46	3360-3060	3210	528.993-4328.882/+4.7	598-600	Core 40	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48983	5638 ± 71	6620-6290	6455	530.950-4328.409/+4	556-561	Core 51	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48984	6096 ± 54	7160-6800	6980	532.159-4328.524/+4.5	477-479	Core 64	-	Van der Schriek et al. (2007)	intcal04.14c
SRR-6789	5578 ± 51	6470-6280	6375	532.159-4328.524/+4.5	255-257	Core 64	-	Van der Schriek et al. (2007)	intcal04.14c
SRR-6790	4526 ± 49	5320-4980	5150	532.159-4328.524/+4.5	149-151	Core 64	-	Van der Schriek et al. (2007)	intcal04.14c
AA-48985	176 ± 34	300-0	150	532.159-4328.524/+4.5	97-100	Core 64	-	Van der Schriek et al. (2007)	intcal04.14c
KIA 30888	< 0	0	0	455.895-4275.498/-102	8-12	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 28966	610 ± 35	0	0	455.895-4275.498/-102	51-53	GeoB-8903-1	-	Abrantes et al. (2008)	marine04.14c
KIA 30890	735 ± 55	418-0	209	455.895-4275.498/-102	65-70	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 28967	760 ± 25	423-0	212	455.895-4275.498/-102	139-141	GeoB-8903-1	-	Abrantes et al. (2008)	marine04.14c
KIA 28968	685 ± 30	0	0	455.895-4275.498/-102	171-173	GeoB-8903-1	-	Abrantes et al. (2008)	marine04.14c
KIA27064	760 ± 45	428-0	214	455.895-4275.498/-102	198	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 27065	1035 ± 30	650-0	325	455.895-4275.498/-102	248	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 27066	1660 ± 35	1272-649	961	455.895-4275.498/-102	333	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 27067	2000 ± 40	1661-935	1298	455.895-4275.498/-102	413	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
KIA 27320	2885 ± 40	2724-1913	2319	455.895-4275.498/-102	493	GeoB-8903-1	prepared in Kiel	Abrantes et al. (2008)	marine04.14c
OS- 37706	1960 ±45	1621-898	1260	460.591-4276.521/-87	257	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 27301	2920 ± 35	2744-1944	2344	460.591-4276.521/-87	464	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 29730	3690 ± 30	3688-2854	3271	460.591-4276.521/-87	522	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 27303	6120 ± 55	6652-5894	6273	460.591-4276.521/-87	632	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 29729	8215 ± 45	8891-8049	8470	460.591-4276.521/-87	699	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 27304	10470 ± 70	11876-10688	11282	460.591-4276.521/-87	713	D13882	age reversal/ reworked	This study	marine04.14c
KIA 29728	9735 ± 55	10717-9807	10262	460.591-4276.521/-87	738	D13882	-	Rodrigues et al. (2009)	marine04.14c
KIA 27305	10470 ± 70	11876-10688	11282	460.591-4276.521/-87	759	D13882	instant sed.?/ reworked?/ 14C plateau	This study	marine04.14c
OS- 37707	10450 ± 75	11855-10650	11253	460.591-4276.521/-87	798	D13882	instant sed.?/ reworked?/ 14C plateau	Rodrigues et al. (2010)	marine04.14c
KIA 27307	10490 ± 70	11908-10718	11313	460.591-4276.521/-87	820	D13882	-	Rodrigues et al. (2010)	marine04.14c
OS- 37708	11100 ± 50	12819-11710	12265	460.591-4276.521/-87	975	D13882	-	Rodrigues et al. (2010)	marine04.14c
OS- 37709	11500 ± 70	13147-12325	12736	460.591-4276.521/-87	1140	D13882	-	Rodrigues et al. (2010)	marine04.14c
KIA 27687	790 ± 25	440-0	220	378.451-4233.507/-4602	13-14	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
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KIA 29278	4830 ± 35	5263-4357	4810	378.451-4233.507/-4602	125-127	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29279	5935 ± 40	6423-5689	6056	378.451-4233.507/-4602	155-156	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29280	7820 ± 40	8352-7683	8018	378.451-4233.507/-4602	189-191	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29281	10540 ± 50	11951-10795	11373	378.451-4233.507/-4602	260-261	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 27894	11735 ± 55	13285-12793	13039	378.451-4233.507/-4602	340-341	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29282	12240 ± 70	13781-13118	13450	378.451-4233.507/-4602	400-401	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29283	12895 ± 55	14869-13762	14316	378.451-4233.507/-4602	456.5-458.5	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29284	13800 ± 70	16137-15034	15586	378.451-4233.507/-4602	631-633	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
KIA 29285	15840 ± 70	18838-18007	18423	378.451-4233.507/-4602	1184.2-1186.2	MD03-2698	prepared in Kiel	Lebreiro et al. (2009)	marine04.14c
OS-42381	545 ± 25	232-169	201	468.464-4268.040/-96	86-87	PO287-26G	-	Abrantes et al. (2008)	marine04.14c
KIA 23661	1310 ± 25	915-764	840	468.464-4268.040/-96	86-88	PO287-26G	-	Abrantes et al. (2008)	marine04.14c
AAR-8368.2-K	440 ± 25	73-33	53	468.464-4268.040/-96	51-52	PO287-26B	-	Abrantes et al. (2008)	marine04.14c
AAR-7825	492 ± 39	148-12	80	470.762-4267.846/-102	75.4-76.4	D13902	-	Abrantes et al. (2008)	marine04.14c
AAR-7207	1160 ± 45	772-653	713	470.762-4267.846/-102	110.4-111.4	D13902	-	Abrantes et al. (2008)	marine04.14c
AAR-7828	2007 ± 37	1568-1403	1486	470.762-4267.846/-102	151-152	D13902	-	Abrantes et al. (2008)	marine04.14c
AAR-7210	2340 ± 55	1999-1733	1866	470.762-4267.846/-102	199-200	D13902	-	Abrantes et al. (2008)	marine04.14c

	Volum	е	DBD	Mass	Period	Mean stora	ge rate
	(km ³)		(t/m ³)	(t)	(y)	(t/y)	
12-7 ka cal BP					_		
LTV	6.4	Х	1.35* =	8.6x10 ⁹	/ 5000	= 1.7x10⁶	
7-0 ka cal BP						~1.7x	,
LTV	13.9	Х	1 <i>.</i> 48∎ =	2.1x10 ¹⁰	/ 7000	$= 2.9 \times 10^{6}$	2.5
Pr. sub. delta	5.5	Х	1.500 =	8.2x10 ⁹	/ 7000	$= 1.2 \times 10^{6}$	×
Prodelta	0.7	Х	1.15 =	7.8x10 ⁸	/ 7000	$= 0.1 \times 10^6$	
Total	20.2					4.2x10 ⁶	
			Summed	: 3.8x10 ¹⁰ t			
				$32 \times 10^6 t/$	- v (based or	n 12 000 v)	
				¢) (Daeea ei	,000 })	
				0.4 t/ha/y	(based on	a catchment area	of
					8,000,00	0 ha, which is 80,0	00 km²)

Catchment	SDR (%)	Area (km ²)) Remark	Source
Upper Mississippi tributary (USA)	7	-		Trimble, 1983
Middle Yellow River (China)	1-100	-	high drainage density and frequent hyper-concentrated flows	Gong and Xiong, 1980; Mou and Meng, 1980; in Walling, 1999
Upper Yangtze River (China)	0.34-34	-		Dai and Tan, 1996; Liu and Zhang, 1996; in Walling, 1999
Russian Plain	0-89	-	small- and medium-sized	Golosov et al. 1992
agricultural (UK)	14-27	1.5-3.6	low relief, extensive land-use and strong soil erosion	Walling et al. 2002
Various in overview	3-90	-	SDR decreases with greater catchment size and lower average slope	Morgan, 2005
Geul (Netherlands) suspended only, last ky	7	380		De Moor and Verstraeten, 2008
Dijle (Belgium)	17	758		Notebaert et al., 2009
Rhine (Netherlands)	low	185,000	nearly all sediment is stored in Rhine-Meuse delta and does not reach coast	Erkens, 2009

Period	Sediment mass (t)	SDR (%)	Mechanical denudation rate (mm/y)	Sediment production (t/ha/y)
12-0 ka	3,81x10 ¹⁰	15	0.10	2.6
		35	0.04	1.1
12-7 ka	8,56x10 ⁹	15	0.05	1.4
		35	0.02	0.6
7-0 ka	2,95x10 ¹⁰	15	0.13	3.5
		35	0.06	1.5