Modifications to the Expert Panel On Shoreline Management Practices - Part 2

Watershed Technical Workgroup

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Modeling Team

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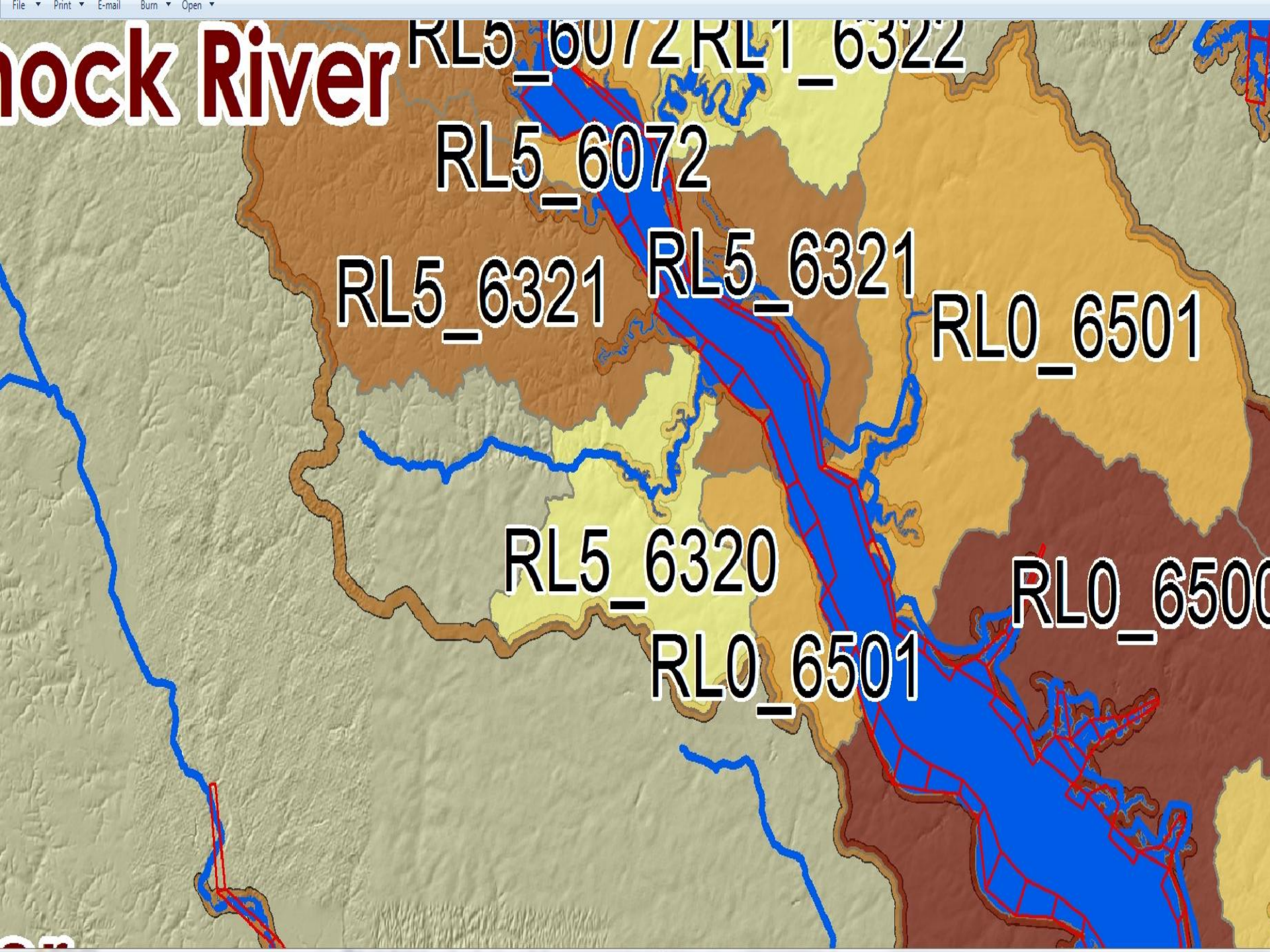
Science, Restoration, Partnership

Water Quality Sediment Transport Model tidal shore erosion for each state-basin. The fine sediment loads are calculated for a basin or land-river segment by summing the silt, clay and fine clay numbers in the tables below.

Major Basins	Shoreline Erosion Load (millions pounds/year)					
	Total Inorganic Suspended Sediment	Sand	Silt	Clay	Fine clay	Refractory Particulate Organic C
MD West Shore	2,670	1,169	600	450	450	11.59
Patuxent	272	124	63	47	46	0.98
Potomac	1,770	864	372	275	275	2.64
Rappahannock	1,029	761	127	88	87	1.38
York	791	544	108	78	78	1.00
James	813	495	127	95	95	0.00
MD-DE Upper East Shore	1,150	504	259	194	194	4.12
MD-DE Middle East Shore	1,191	482	276	229	205	21.59
MD-DE Lower East Shore	1,976	274	563	751	387	230.05
Virginia East Shore	406	325	33	24	24	0.00
Total	**12,067**	**5,540**	**2,529**	**2,231**	**1,843**	**273.36**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Water Quality Sediment Transport Model tidal shore erosion for each tidal Watershed Model river-segment. The fine sediment loads are calculated for a basin or land-river segment by summing the silt, clay and fine clay numbers in the tables below. There are 334 river-segments adjacent to tidal water.

Watershed Model River Segments	Shoreline Erosion Load (millions pound/year, except for Organic C)					
	Total Inorganic Suspended Sediment	Sand	Silt	Clay	Fine clay	Refractory Particulate Organic C (thousand pound/year)
EU0_3010	5.76	2.53	1.29	0.97	0.97	0.00
EU1_2984	21.90	9.63	4.91	3.68	3.68	16.33
EU1_2983	1.70	0.75	0.38	0.29	0.29	1.27
EU0_3050	65.57	28.84	14.69	11.02	11.02	16.66
EU0_3130	4.96	2.18	1.11	0.83	0.83	0.89
EU0_3131	13.68	6.01	3.07	2.30	2.30	9.02
EU0_3302	48.91	21.50	10.96	8.22	8.22	33.22
EU0_2940	18.26	8.03	4.09	3.07	3.07	12.18
EU0_3202	10.44	4.58	2.34	1.76	1.76	26.05
EU0_3203	16.10	7.06	3.61	2.71	2.71	39.54