

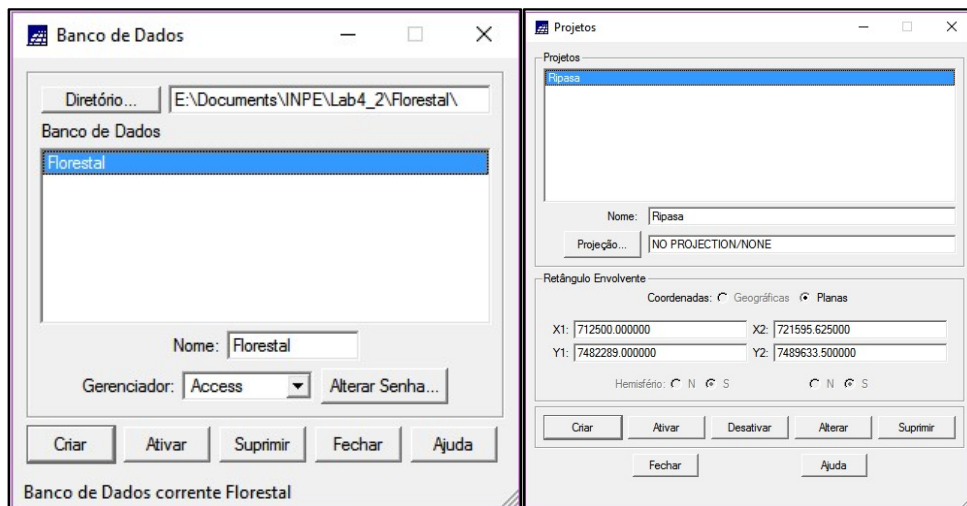
INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS

Introdução ao Geoprocessamento

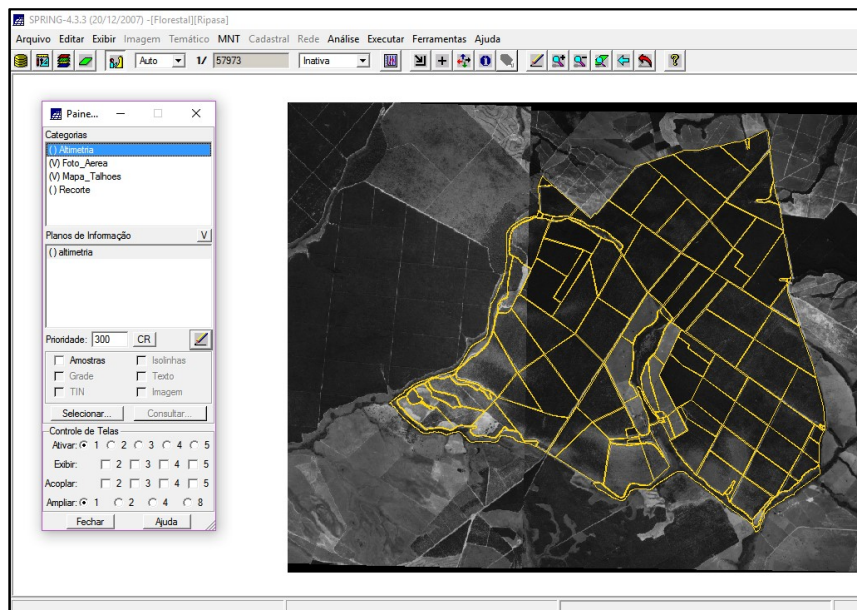
LABORATÓRIO 4.2 - LEGAL

Jéssica Villela Sampaio - 139343

Exercício 1 e 2: Ativando e carregando o Banco de Dados Ripasa.



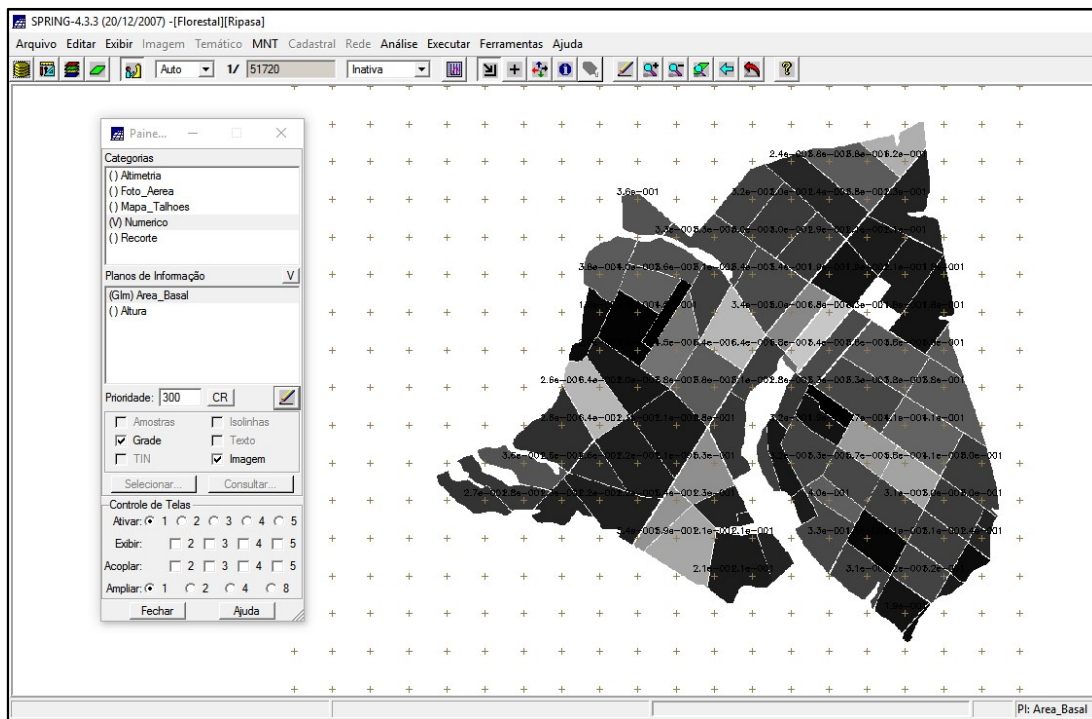
Exercício 3 e 4: Visualizando os dados e a tabela de atributos.



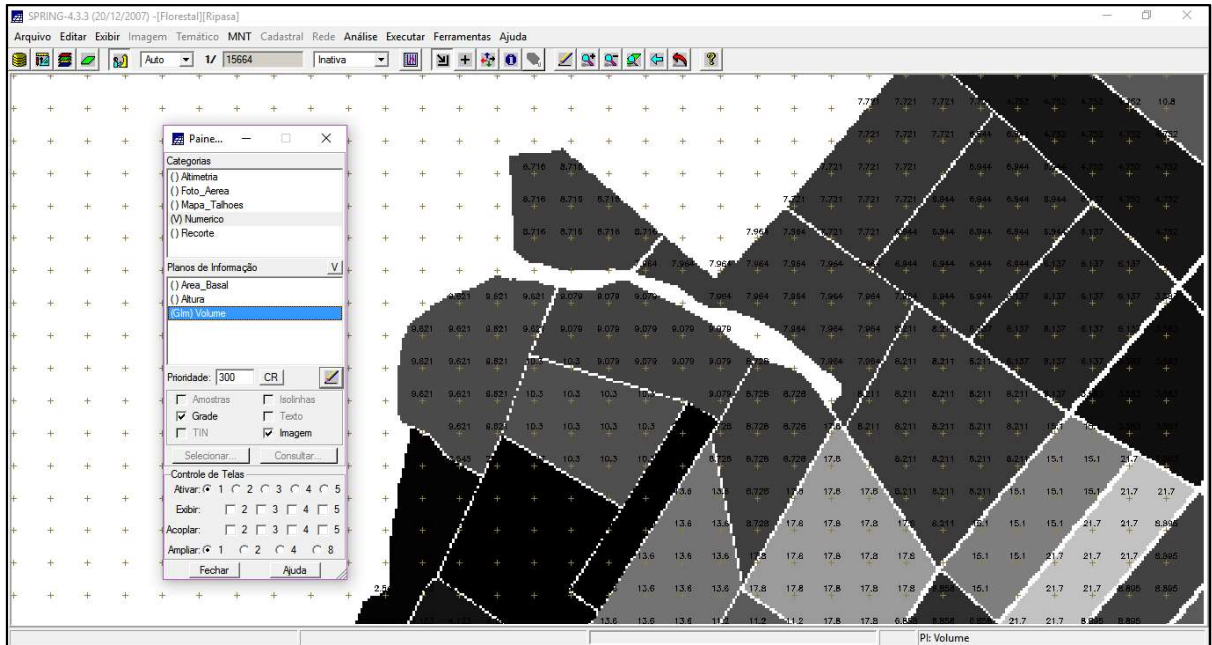
	NOME	ROTULO	AREA	PERIMETRO	AREA_BAS	H_M	VOLUME	ND
1	00147	00147	99980.640625	1640.463623	0.132030	15.000000		
2	00148	00148	258878.17187	2087.608887	0.567450	30.000000		
3	00149	00149	166919.45312	1839.979248	0.188570	17.000000		
4	00150	00150	305097.75000	2251.301025	0.321700	23.000000		
5	00151	00151	251226.09375	2069.339355	0.331830	24.000000		
6	00152	00152	155930.14062	1767.469360	0.395920	26.000000		
7	00153	00153	323924.03125	2863.955322	0.331830	24.000000		
8	00154	00154	270396.43750	2734.875244	0.311720	23.000000		
9	00155	00155	228804.34375	1929.256592	0.188570	17.000000		
10	00156	00156	260080.03125	2069.055176	0.321700	23.000000		
11	00157	00157	280042.62500	2175.160889	0.152050	16.000000		
12	00158	00158	38996.718750	952.035034	0.212370	18.000000		
13	00159	00159	103310.12500	1386.368286	0.166190	19.000000		
14	00160	00160	266214.37500	2119.076694	0.311720	22.000000		

Exercício 5: Programa em LEGAL.

PASSO 1 - Especialização dos atributos Area_Bas e H_M.



PASSO 2 - Gerando o plano de informação de volume.



PASSO 3 - Atualizando o atributo volume no banco de dados utilizando o operador de média zonal.

The screenshot shows a data table window titled 'Tabela: Talhoes'. The table contains 13 rows of data with columns for NOME, ROTULO, AREA, PERIMETRO, AREA BAS, H. M, VOLUME, and ND. The 'VOLUME' column is highlighted with a red border.

	NOME	ROTULO	AREA	PERIMETRO	AREA BAS	H. M	VOLUME	ND
1	00147	00147	99980.640625	1640.463623	0.132030	15.000000	1.98044	0.00
2	00148	00148	258878.17187	2087.608887	0.567450	30.000000	17.0235	0.00
3	00149	00149	166919.45312	1839.979248	0.188570	17.000000	3.20568	0.00
4	00150	00150	305097.75000	2251.301025	0.321700	23.000000	7.39909	0.00
5	00151	00151	251226.09375	2069.339355	0.331830	24.000000	7.96391	0.00
6	00152	00152	155830.14062	1767.469360	0.395920	26.000000	10.2939	0.00
7	00153	00153	323924.03125	2863.955322	0.331830	24.000000	7.96391	0.00
8	00154	00154	270396.43750	2734.875244	0.311720	23.000000	7.16955	0.00
9	00155	00155	228804.34375	1929.256592	0.188570	17.000000	3.20568	0.00
10	00156	00156	260080.03125	2069.055176	0.321700	23.000000	7.39909	0.00
11	00157	00157	280042.62500	2175.160889	0.152050	16.000000	2.43279	0.00
12	00158	00158	38996.718750	952.035034	0.212370	18.000000	3.82265	0.00
13	00159	00159	103310.12500	1386.368286	0.166190	19.000000	3.15760	0.00

PASSO 4 - Atualizando o atributo ND no banco de dados utilizando o operador de média zonal.

	NOME	ROTULO	AREA	PERIMETRO	AREA_BAS	H_M	VOLUME	ND
1	00147	00147	99980.640625	1640.463623	0.132030	15.000000	1.98044	32.4
2	00148	00148	258878.17187	2087.608887	0.567450	30.000000	17.0235	34.8
3	00149	00149	166919.45312	1839.979248	0.188570	17.000000	3.20568	25.6
4	00150	00150	305097.75000	2251.301025	0.321700	23.000000	7.39909	23.8
5	00151	00151	251226.09375	2069.339355	0.331830	24.000000	7.96391	25.8
6	00152	00152	155830.14062	1767.469360	0.395920	26.000000	10.2939	33.0
7	00153	00153	323924.03125	2863.955322	0.331830	24.000000	7.96391	45.8
8	00154	00154	270396.43750	2734.875244	0.311720	23.000000	7.16955	67.7
9	00155	00155	228804.34375	1929.256592	0.188570	17.000000	3.20568	57.8
10	00156	00156	260080.03125	2069.055176	0.321700	23.000000	7.39909	41.9
11	00157	00157	280042.62500	2175.160889	0.152050	16.000000	2.43279	58.6
12	00158	00158	38996.718750	952.035034	0.212370	18.000000	3.82265	42.0
13	00159	00159	103310.12500	1386.368286	0.166190	19.000000	3.15760	37.5

Exercício 6: Verificação correlação dos atributos volume e ND.

