

Article

The Holocene evolution of the Volturno coastal plain (northern Campania, southern Italy): implications for the understanding of subsidence patterns

Carla Buffardi¹, Regina Barbato², Marco Vigliotti¹, Alessandro Mandolini¹ and Daniela Ruberti^{1,*}

¹ Department of Engineering - University of Campania L. Vanvitelli, Via Roma, 29, 81031 - Aversa (CE), Italy

² NACAV SCARL; regina.barbato@hotmail.it

* Correspondence: daniela.ruberti@unicampania.it

Supplementary Materials

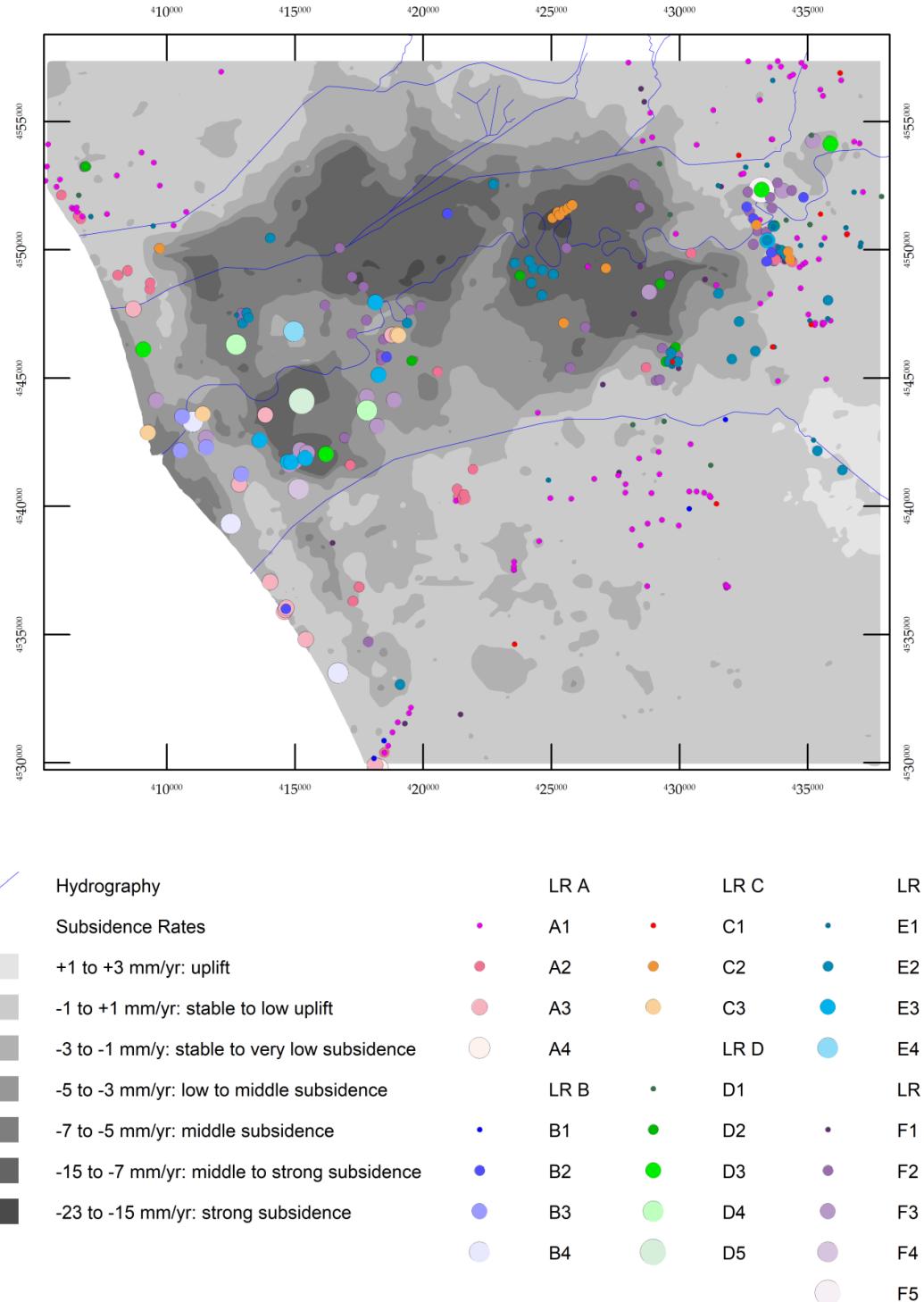


Figure S1. Graphic distribution of (LR vs. TC) on the Cumulative vertical ground displacement chart, obtained with overlay.

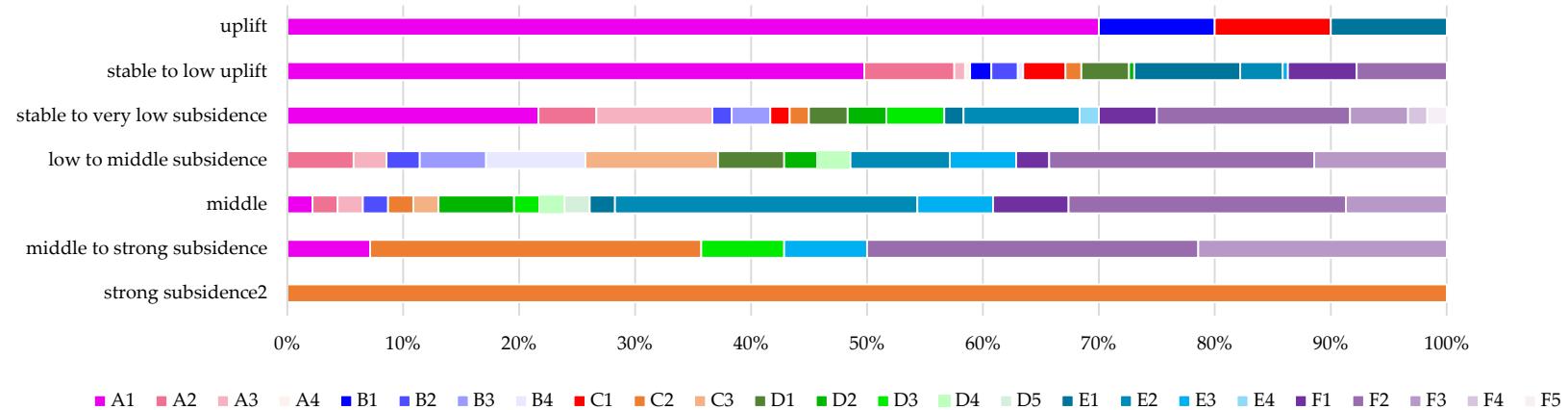


Figure S2. Graphic representation of (LR vs. TC) vs. subsidence values.

Table S1. (LR vs. TC) vs. subsidence values.

	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	D1	D2	D3	D4	D5	E1	E2	E3	E4	F1	F2	F3	F4	F5	Tot
strong subsidence	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	
middle to strong subsidence	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	1.0%	0.8%	0.0%	0.0%	3.6%
middle	0.3%	0.3%	0.3%	0.0%	0.0%	0.3%	0.0%	0.0%	0.3%	0.3%	0.0%	0.8%	0.3%	0.3%	0.3%	0.3%	3.1%	0.8%	0.0%	0.8%	2.8%	1.0%	0.0%	0.0%	0.0%	11.9%
low to middle subsidence	0.0%	0.5%	0.3%	0.0%	0.0%	0.3%	0.5%	0.8%	0.0%	0.0%	1.0%	0.5%	0.3%	0.0%	0.3%	0.0%	0.0%	0.8%	0.5%	0.0%	0.3%	2.1%	1.0%	0.0%	0.0%	9.0%
stable to very low subsidence	3.4%	0.8%	1.6%	0.0%	0.0%	0.3%	0.5%	0.0%	0.3%	0.3%	0.0%	0.5%	0.5%	0.8%	0.0%	0.0%	0.3%	1.6%	0.0%	0.3%	0.8%	2.6%	0.8%	0.3%	0.3%	15.5%
stable to low uplift	28.2%	4.4%	0.5%	0.3%	1.0%	1.3%	0.0%	0.3%	2.1%	0.8%	0.0%	2.3%	0.3%	0.0%	0.0%	5.2%	2.1%	0.3%	0.0%	3.4%	4.4%	0.0%	0.0%	0.0%	0.0%	56.6%
uplift	1.8%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%
Tot	33.9%	5.9%	2.6%	0.3%	1.3%	2.1%	1.0%	1.0%	2.6%	3.1%	1.3%	3.4%	1.8%	1.3%	0.5%	0.3%	5.9%	7.5%	1.8%	0.3%	5.2%	12.9%	3.6%	0.3%	0.3%	100.0%