

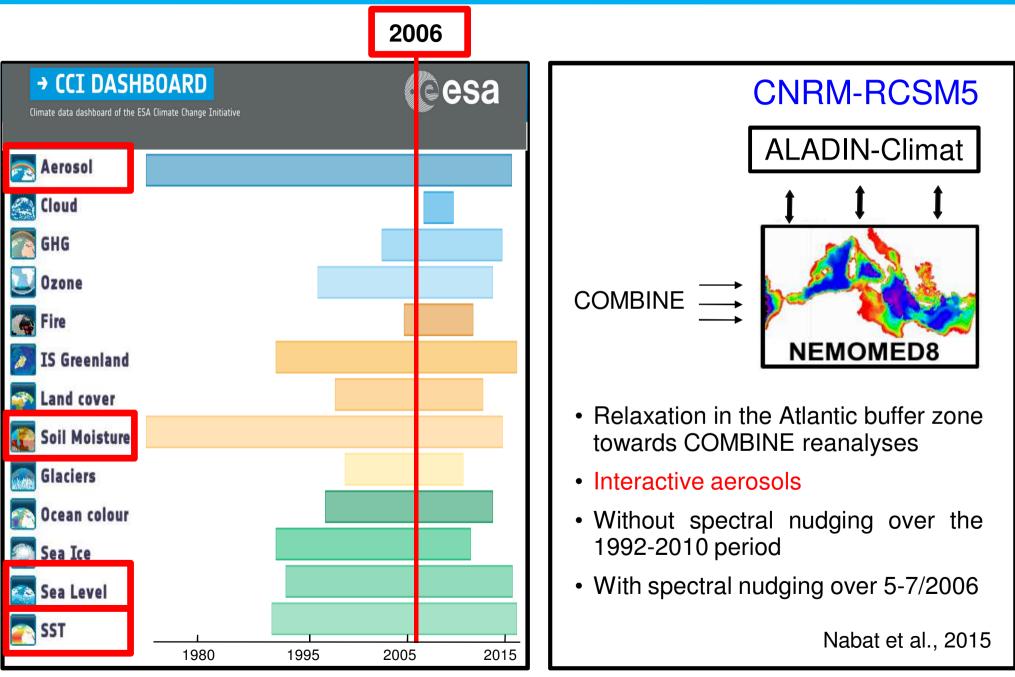


→ CCI DASH Climate data dashboard of the ES				esa	CNRM-RCSM5
					ALADIN-Climat Image: Combine of the spectral nudging over the spectral nudging over 5-7/2006
	1980	1995	2005	2015	



WP3.10 : Cross-assessment of CCI-ECVs and RCSM simulations over the Mediterranean domain



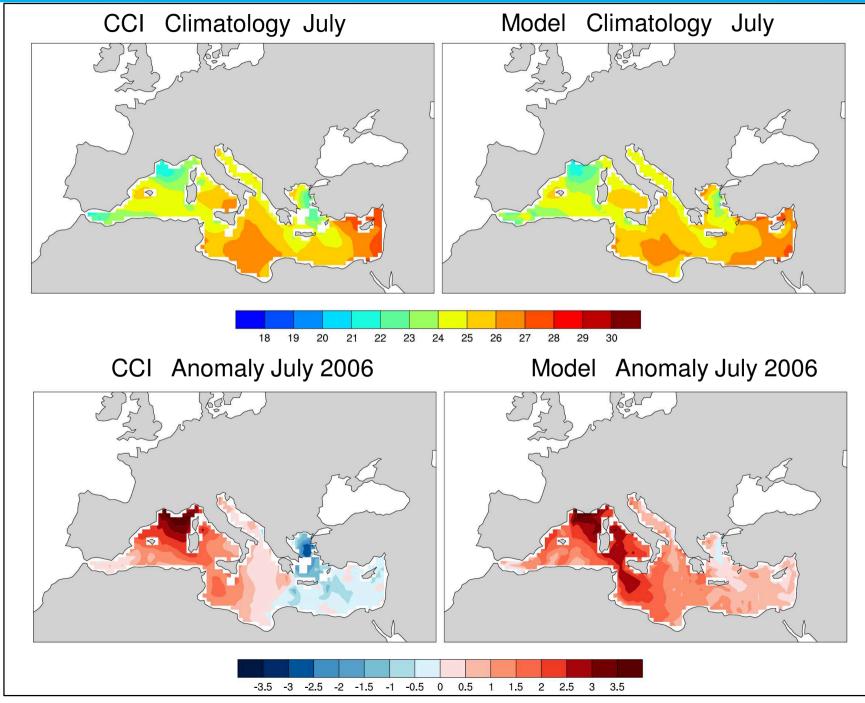




Sea Surface Temperature (1992-2010)

over the Mediterranean domain

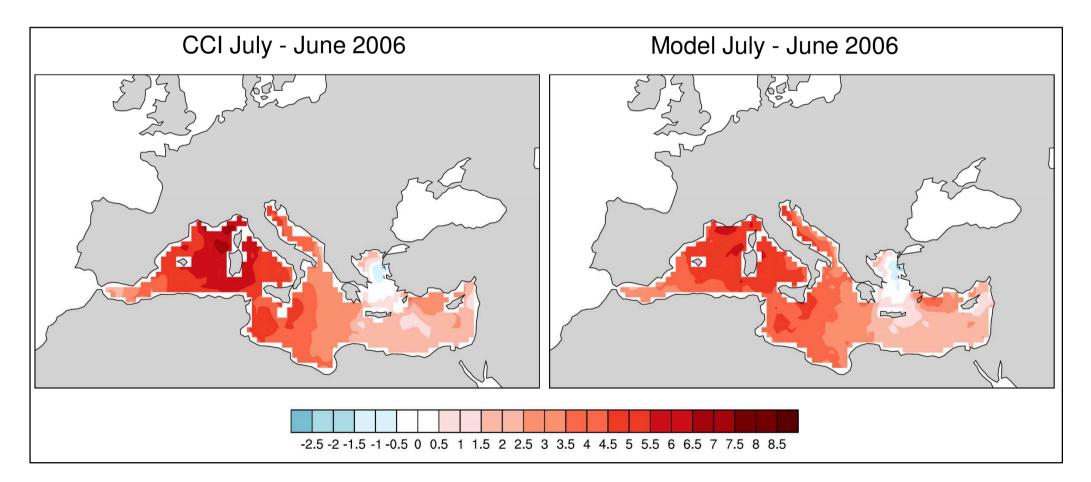






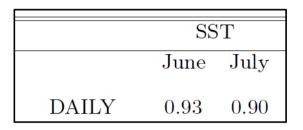


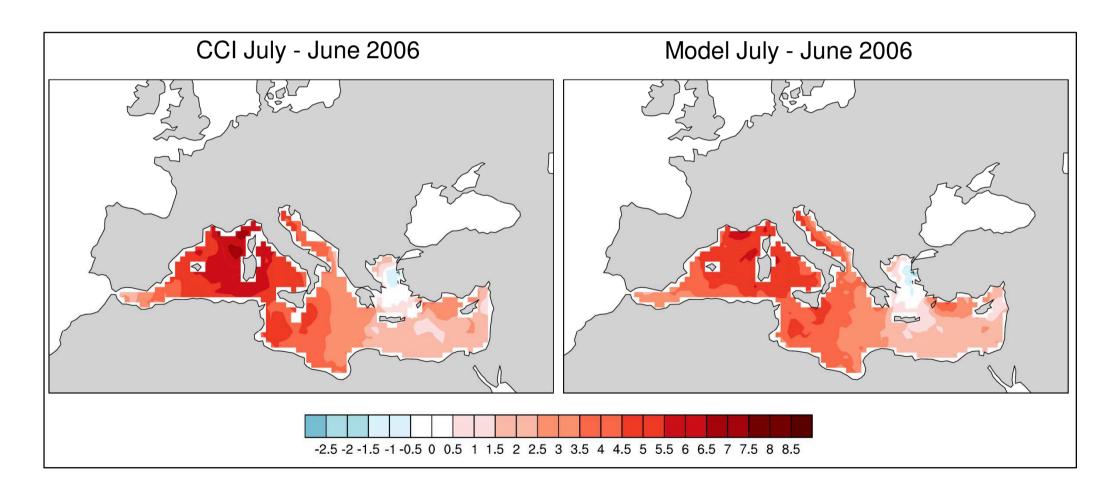
- The development of the heat wave in July 2006 is evident in CCI_SST as well as in the simulated SST
- The model simulation (with spectral nudging) is close to the observation









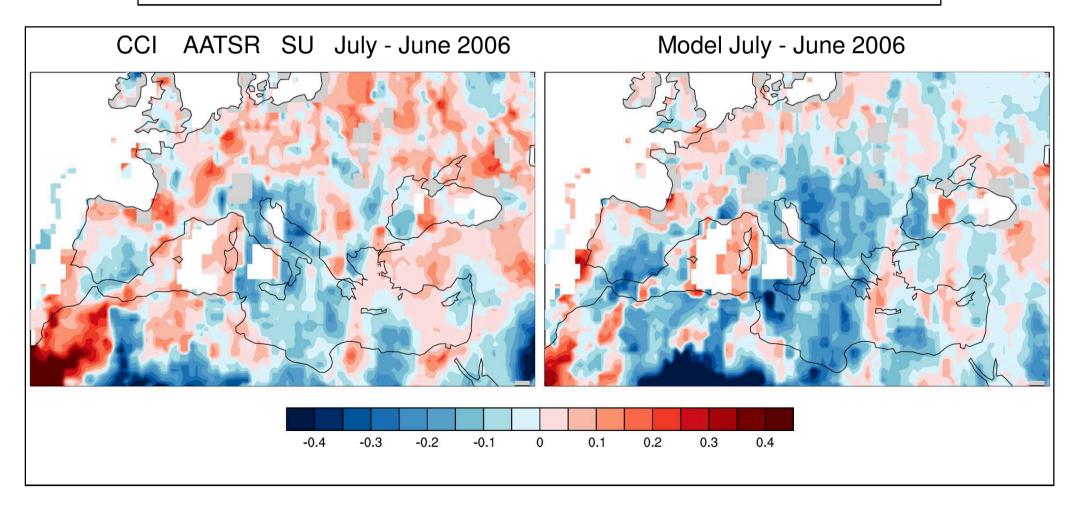




Aerosol Optical Depth 2006 difference between July and June



	ADV .		ORAC		SU		MODIS		MISR	
	June	July	June	July	June	July	June	July	June	July
DAILY	0.48	0.36	0.76	0.74	0.85	0.83				
MONTHLY	0.19	0.23	0.65	0.74	0.84	0.82	0.81	0.78	0.56	0.67



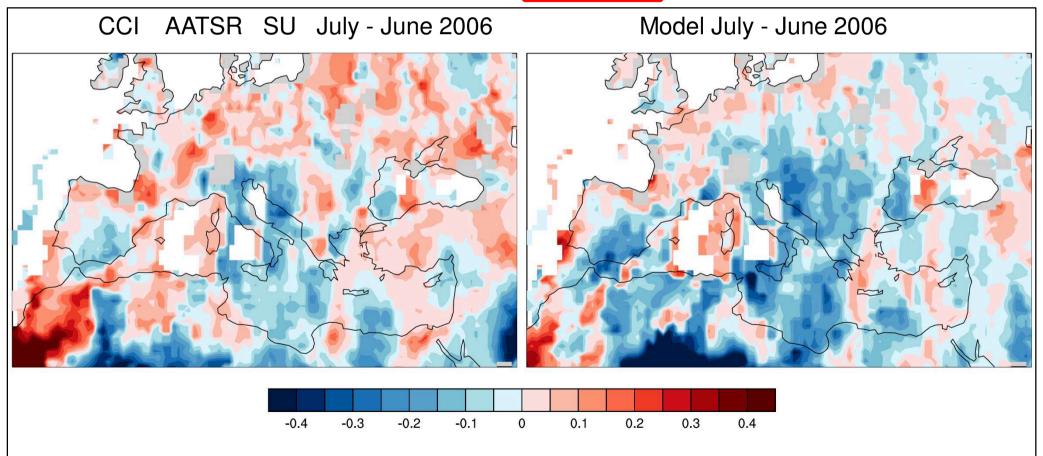


Aerosol Optical Depth 2006

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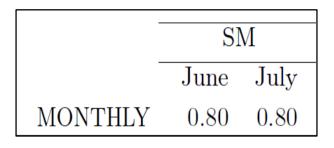
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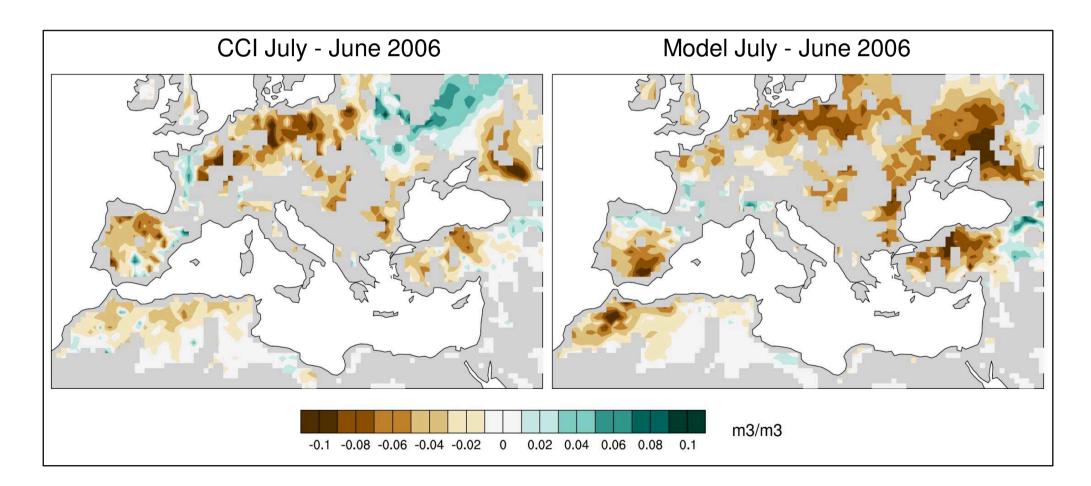




Soil Moisture 2006 difference between July and June











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- More generally the heat wave effects are evident for different parameters as sea surface temperature and soil moisture.
- The heat wave development has no clear impact on the sea level change.
- The aerosol distribution map is related to the circulation changes implied by higher pressure over western Mediterranean region.