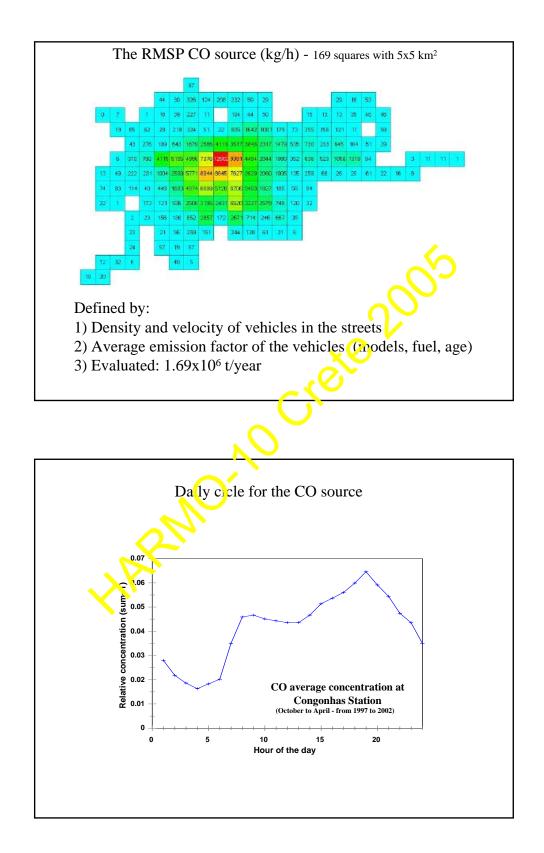


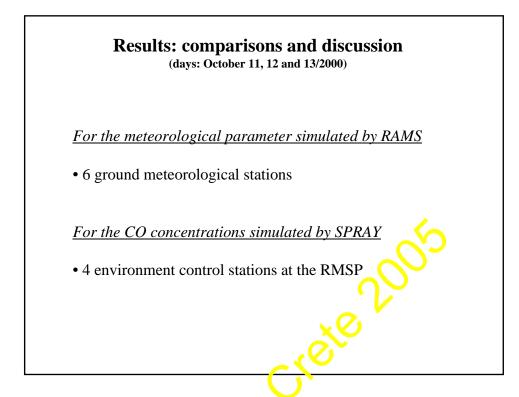
São Paulo Metropolis 8,051 km² 19 x 10⁶ inhabitants

Campinas Metropolis $3,673 \text{ km}^2$ 2.6 x 10⁶ inhabitants

Baixada Santista Metropolis 2,273 km² $1.6 \ge 10^6$ inhabitants

Total population in this area: ~ 24 x 10^6 inhabitants





Comparison bet seen the measured and simulated surface wind							
Station	Local	(lat, on)	RMSVE	na simu MD	iatea surja	FB	
			(U and V)	speed	direction	speed	direction
sibi	RMSP	(23 5>1-46.629)	1.68	-0.57	-2.3	-0.33	-0.01
spii	RMSR	(-/3 544;-46.660)	1.75	-0.05	-19.1	-0.03	-0.12
SSCS	RMSP	23.617;-46.556)	1.85	-0.23	-4.8	-0.13	0.08
siag	RMSE	(-23.649;-46.625)	2.62	-0.88	-39.4	-0.47	-0.26
ssor	Screaba	(-23.502;-47.479)	1.48	-0.49	2.3	-0.21	0.01
spau	Paulinia	(-22.772;-47.154)	2.25	-0.07	17.1	0.18	0.11

RMSVE (root-mean-square vector error) RMSE (root-mean-square error) FB (relative mean bias) MD (mean difference)

The agreement was similar or better than those obtained on other works (Pielke and Pearce, 1994; Cox et al. 1998; Freitas, 2003). Discrepancies are greater than the average for temperature and we also expected better results for humidity.

Problems could be atributed to the high variability in the land use and the need of a better definition of the urban centres - heat and humidity

