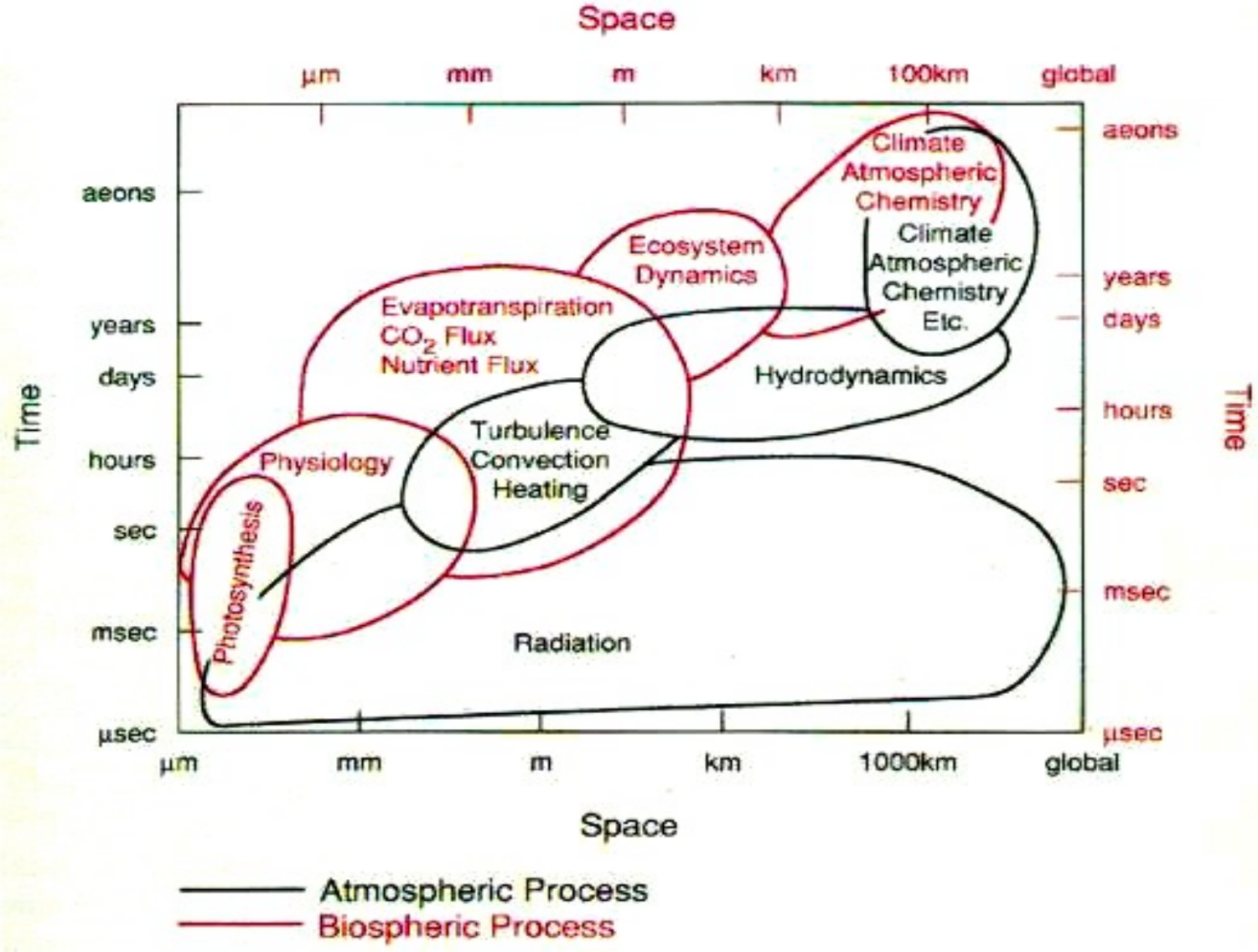
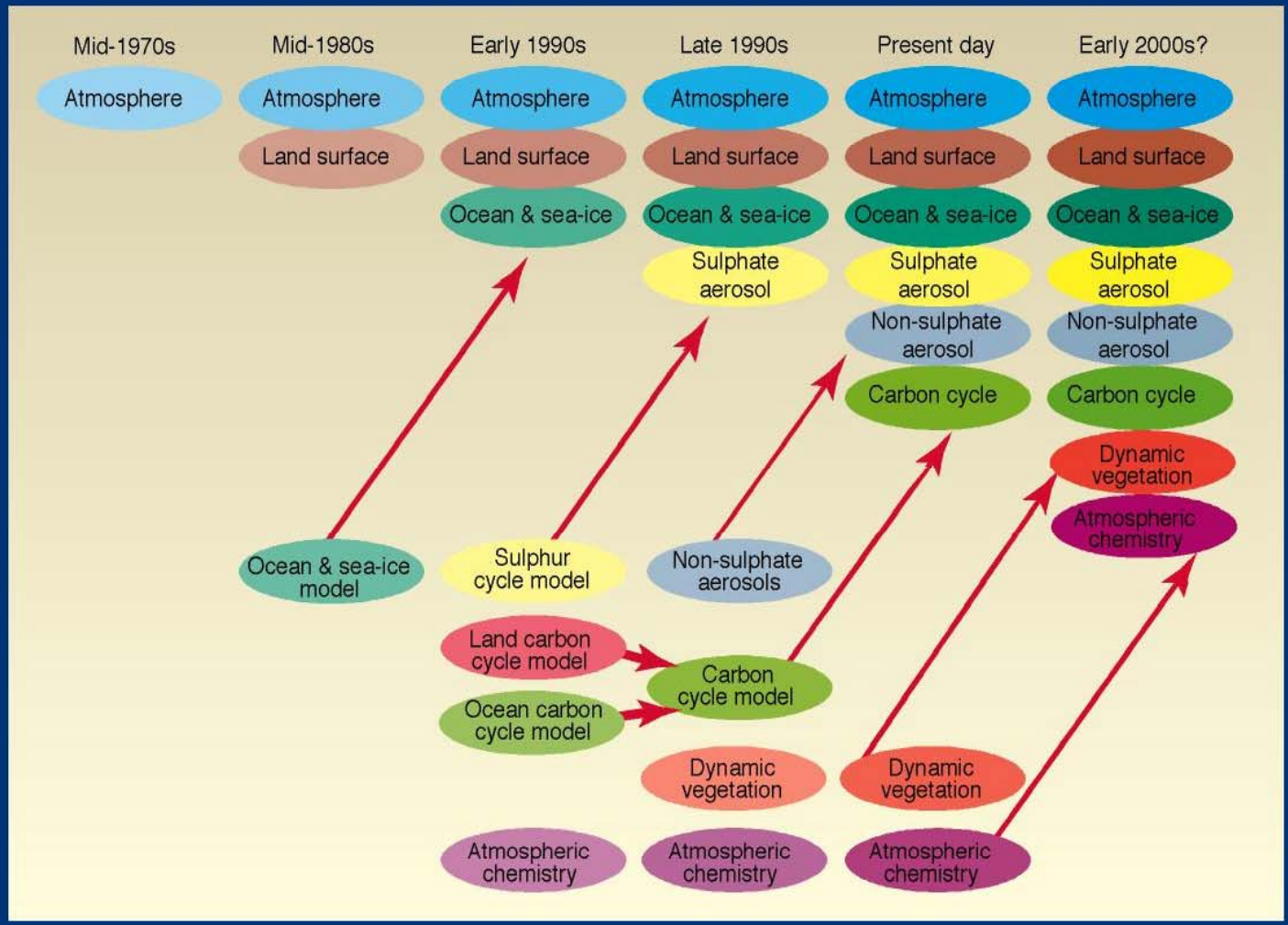
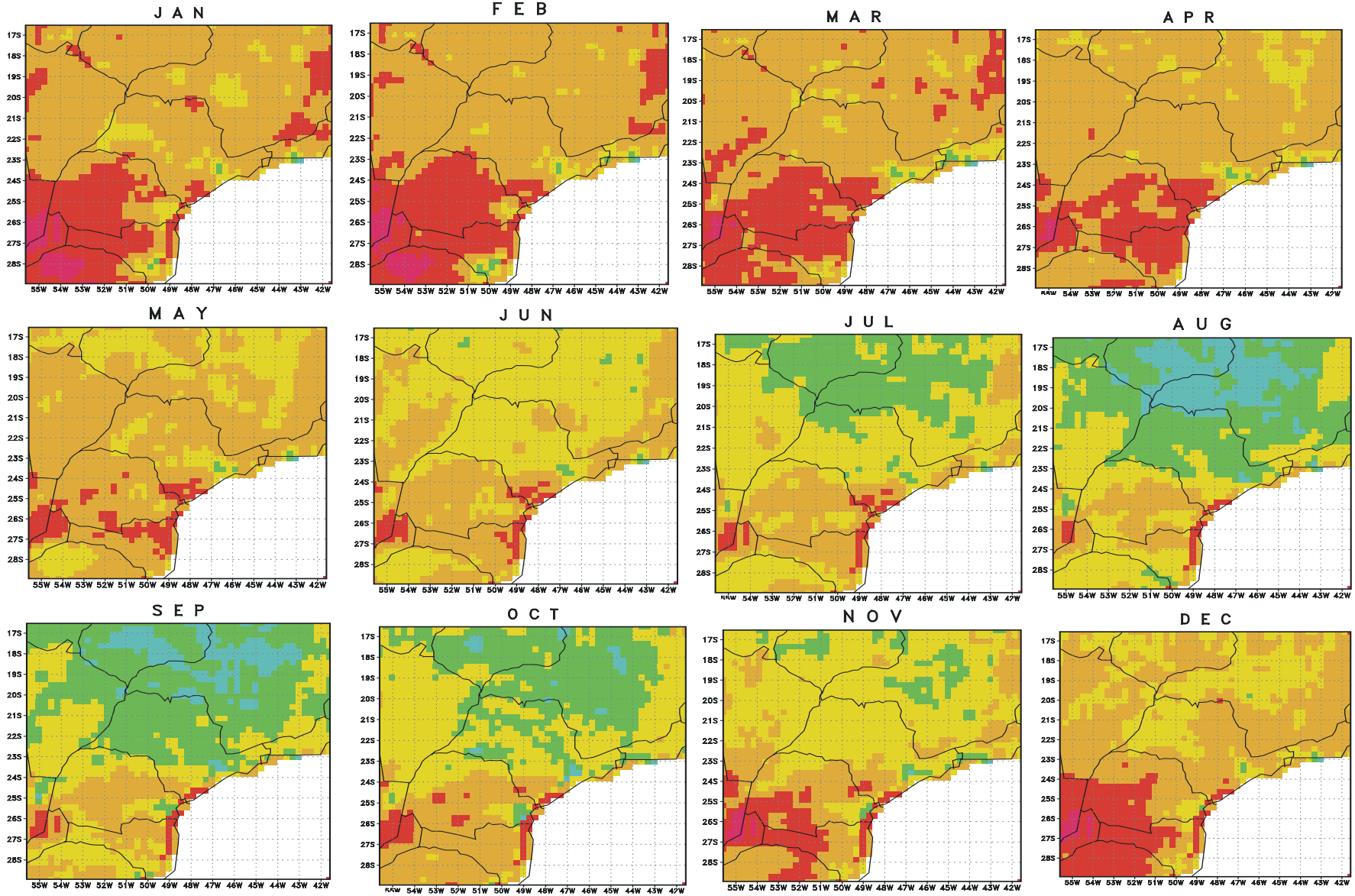


fonte : Sellers (1992)

The development of climate models, past, present and future



WG1 - TS BOX 3
FIGURE 1



• Parâmetros biofísicos derivados do NDVI

Algoritmo MAPPER (Sellers et al 1994)

$$SR = (1 + NDVI)/(1 - NDVI)$$

↓

$$FPAR = \frac{(SR - SR_{min})(FPAR_{max} - FPAR_{min})}{(SR_{max} - SR_{min})}$$

fração de PAR absorvido

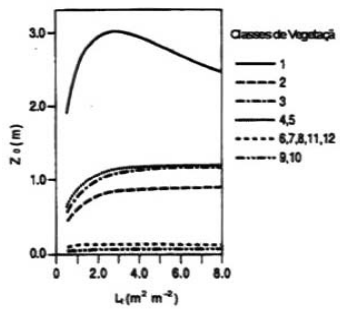
↓

$$L_g = L_{g,max} \frac{\ln(1 - FPAR)}{\ln(1 - FPAR_{max})}$$

L_d , L_s (literatura, met. indiretos)

$L_t = L_g + L_d + L_s$ **índice de área foliar**

→ z_0 , d , C_1 , C_2



↓

$$N = \frac{L_g}{L_t}$$ **fração folhas verdes**

↓

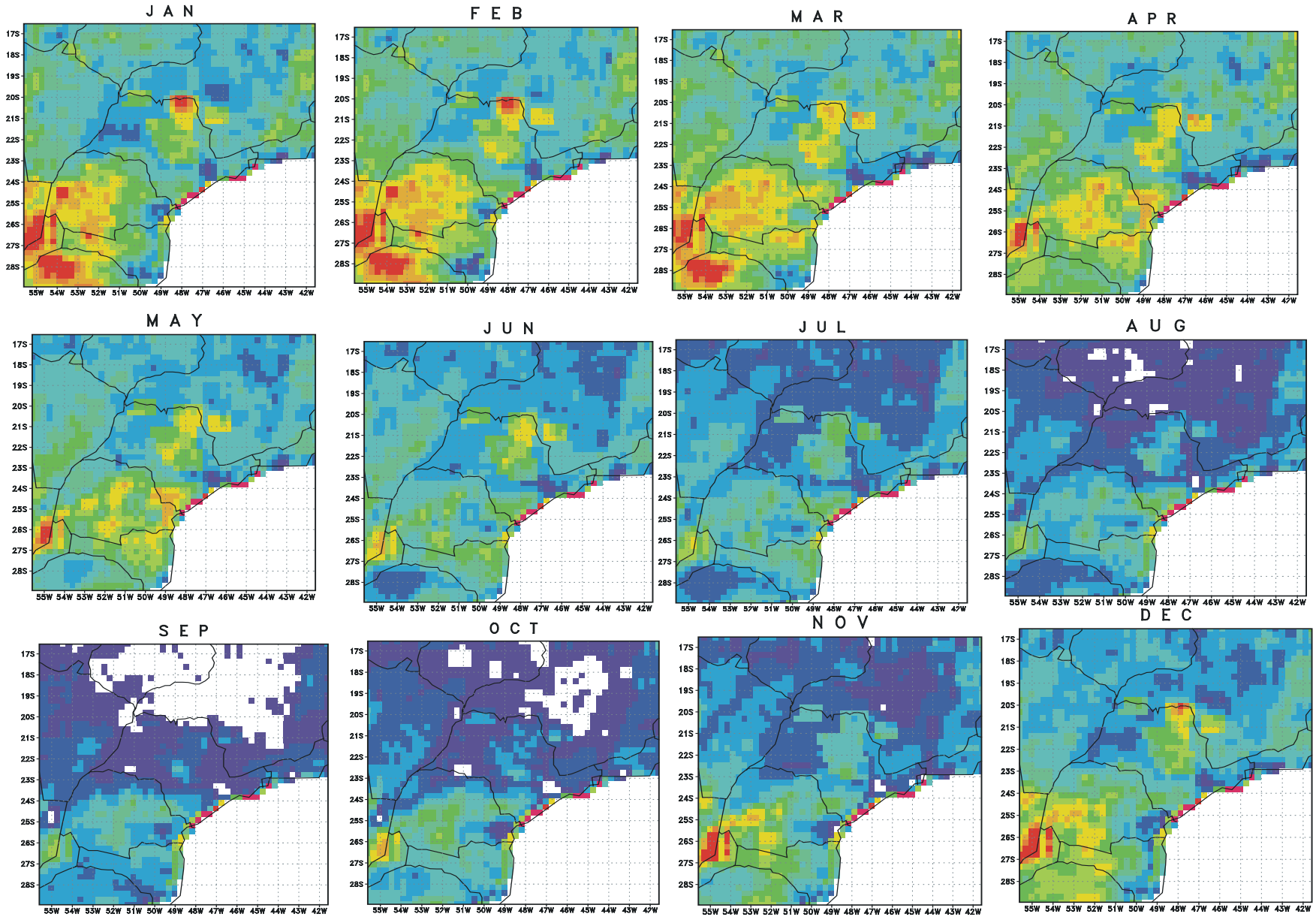
$$V_{c,cel(f)}^{veg(i)} = \frac{L_{max,f}}{L_{max,i}}(r) + (1 - r), \qquad r \le 1$$

fração de cobertura

↓

$$FPAR = V_{c,f}\left[1 - \exp\left(\frac{-kL_t}{V_{c,f}}\right)\right]$$

←



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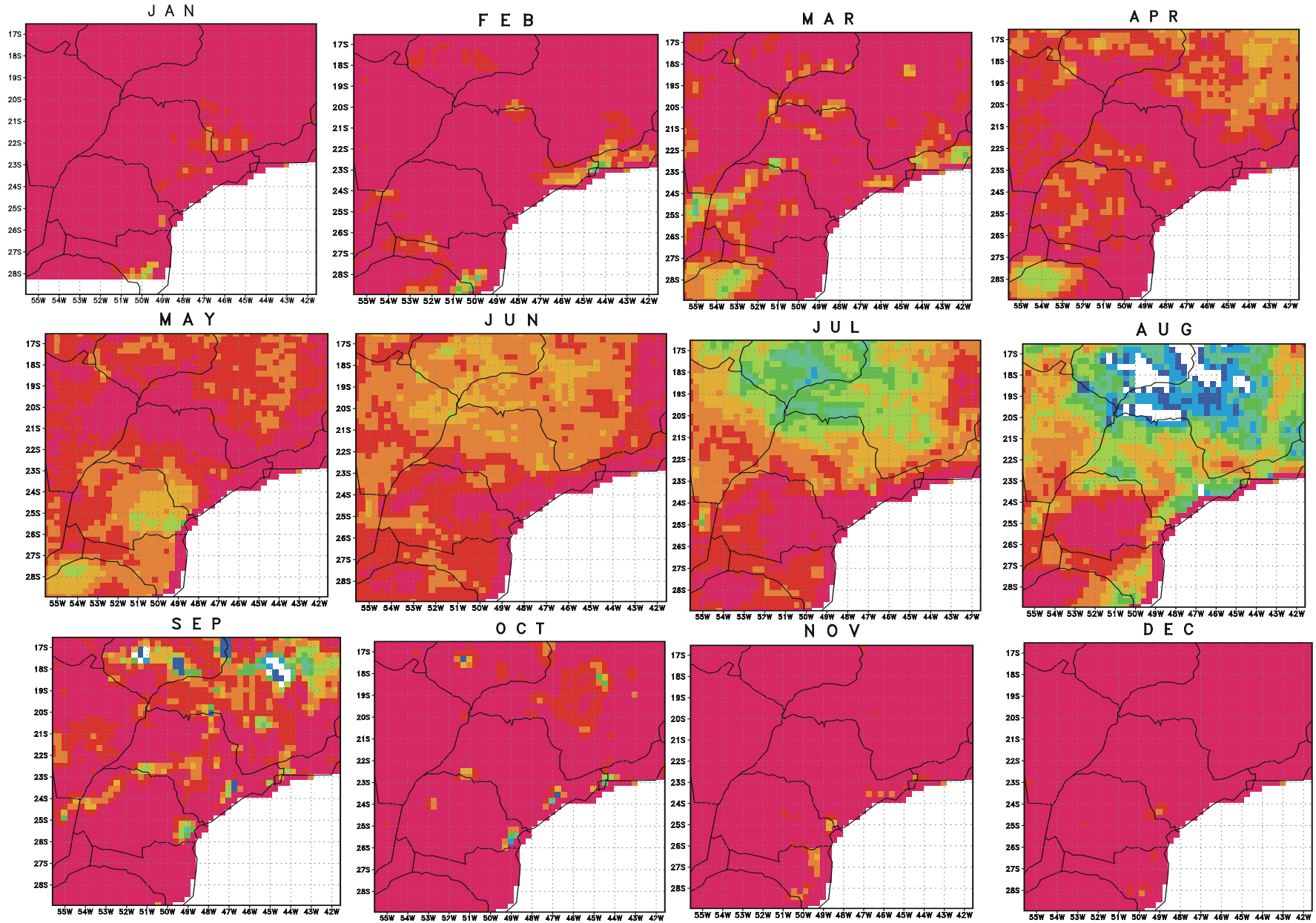

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Seasonal variability of satellite-derived surface parameters in Southeast Brasil