Couplage IPSL-CM5A/LIM3

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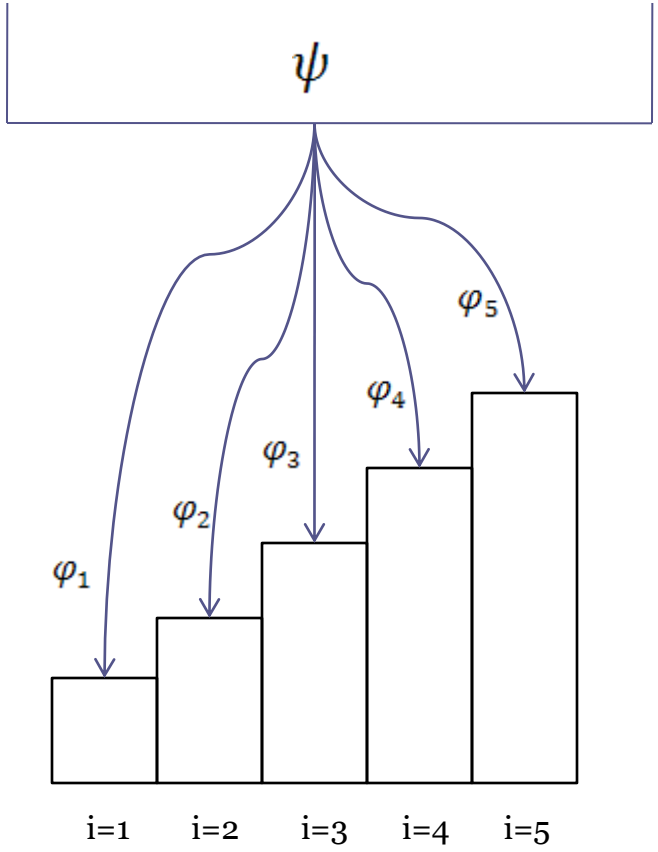
Principe du distributeur

Interface :

$\varphi_i = ?$

$\theta = ?$



Atmosphère :

$\psi = f_a(\theta)$ et $\frac{\partial \psi}{\partial \theta}$

Glace/Océan :

$T_i = f_g(\varphi_i)$

Setup expérimental

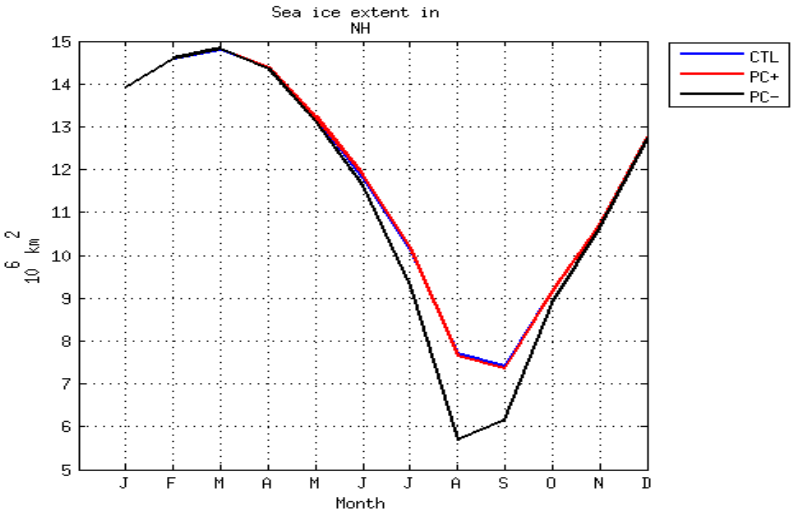
- **Run de contrôle :**
  - ➡ NEMO-LIM3 (CTL)
- **Runs forcés :**
  - ➡ NEMO-LIM3 avec atmosphère forcée et avec distributeur (PC+)
  - ➡ NEMO-LIM3 avec atmosphère forcée et sans distributeur (PC-)
- **Runs couplés :**
  - ➡ IPSL-CM5A couplé à LIM3 (CPL-LIM3)
  - ➡ IPSL-CM5A couplé à LIM2 (CPL-LIM2)

Résultats des runs forcés

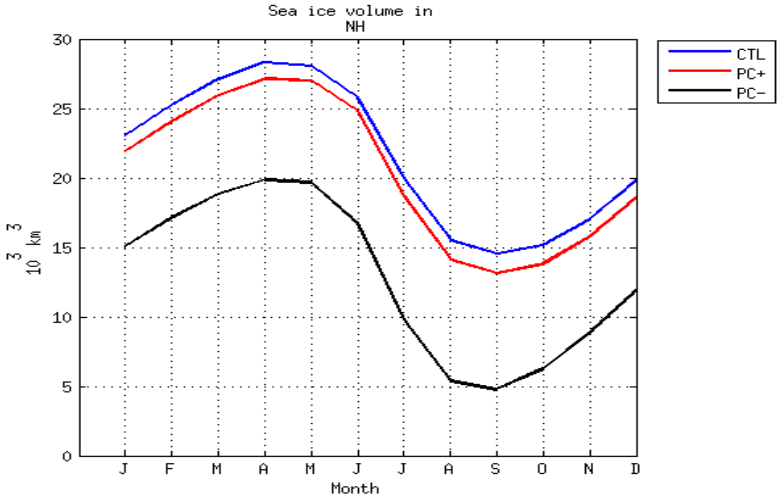
Cycles saisonniers moyens (CTL / PC+ / PC-)

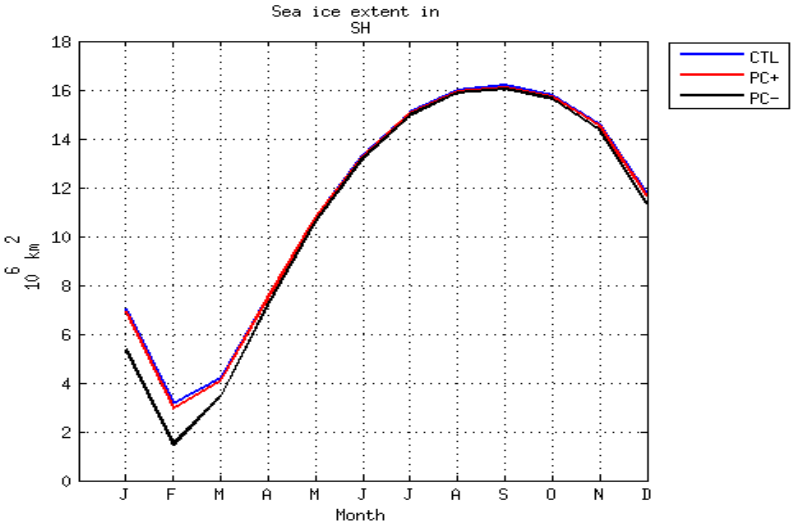
Etendue

Volume

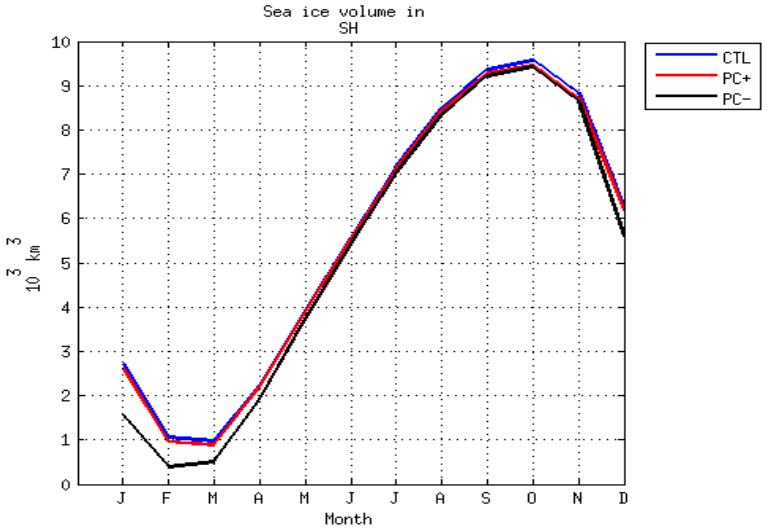


HN



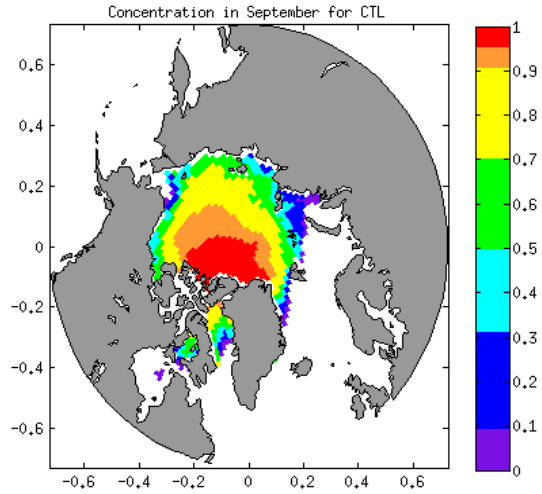


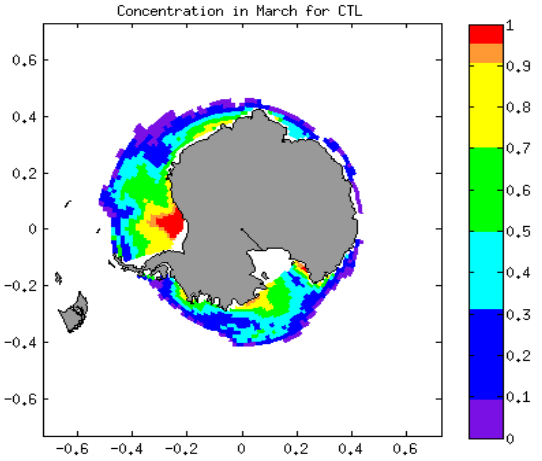
HS



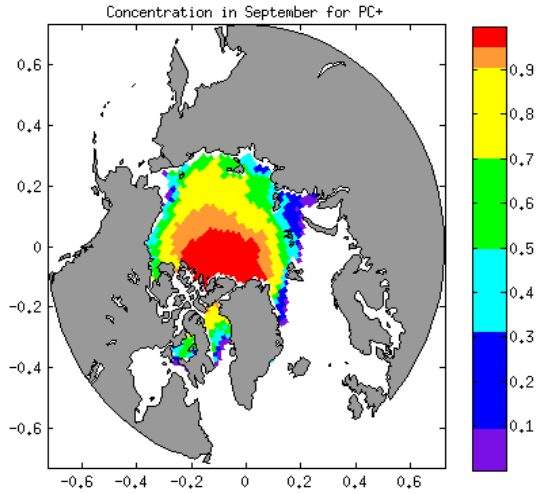
Concentration de glace

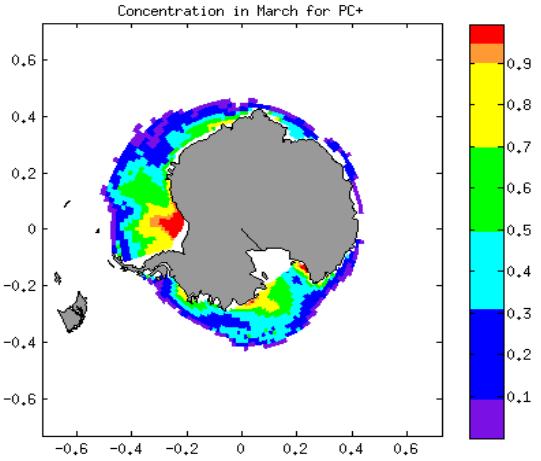
CTL



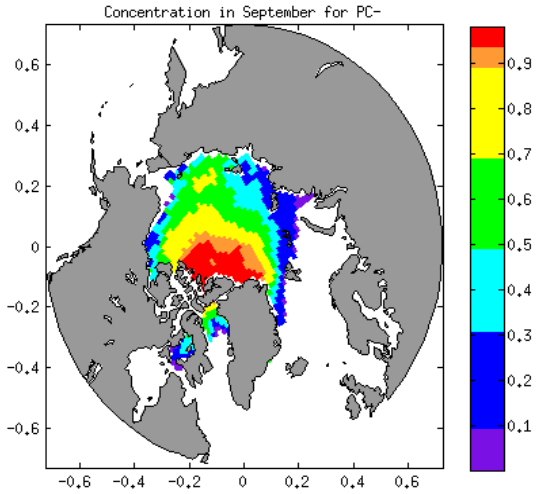


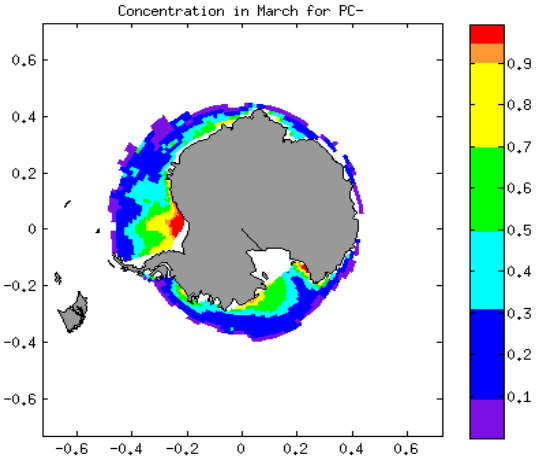
PC+





PC-



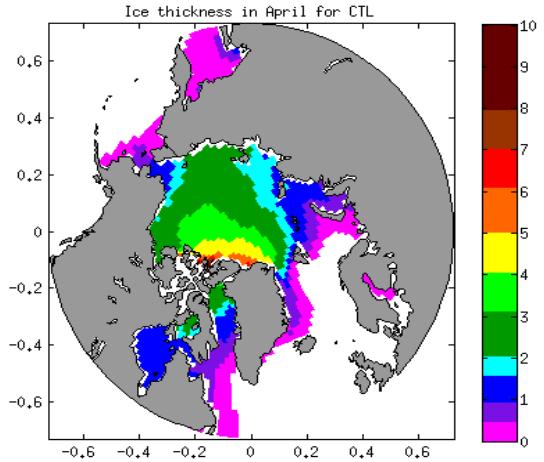


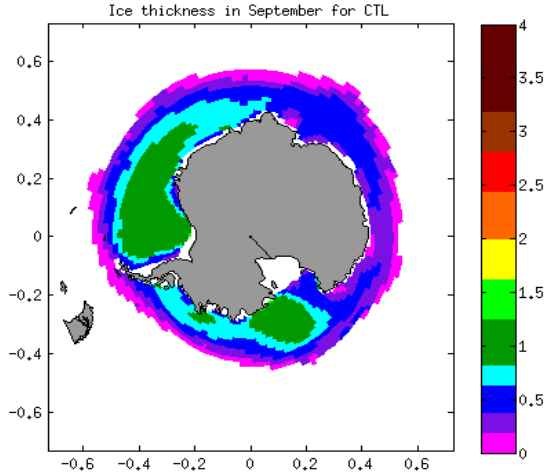
Run de contrôle

Runs forcés

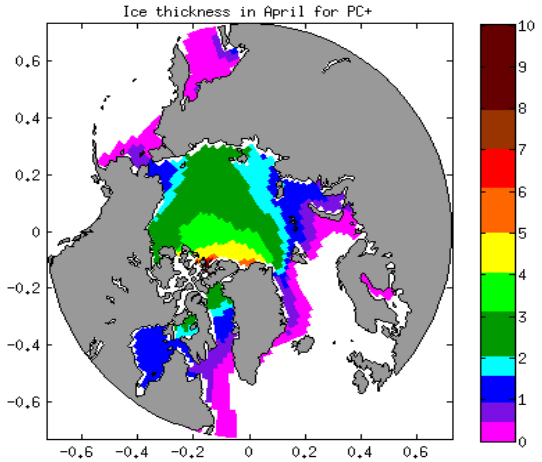
Epaisseur de glace

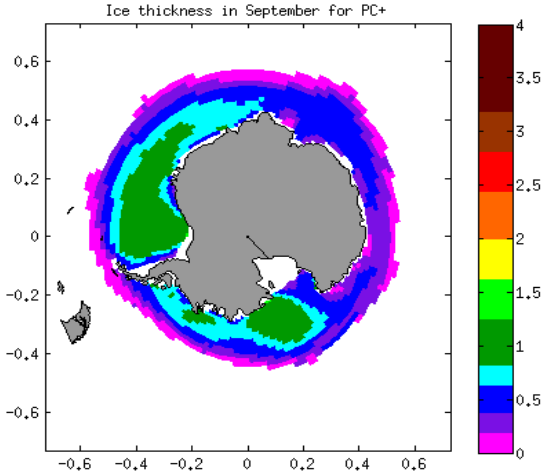
CTL



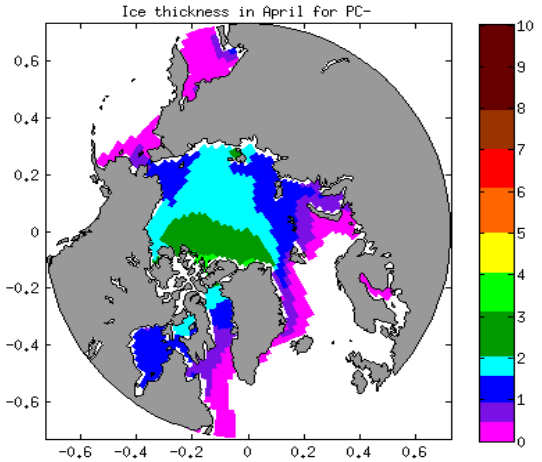


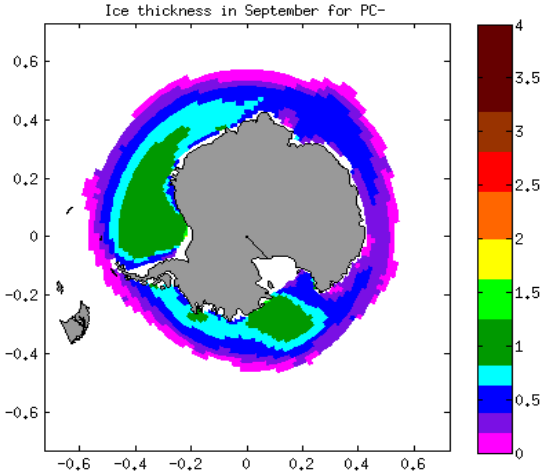
PC+





PC-





Run de contrôle

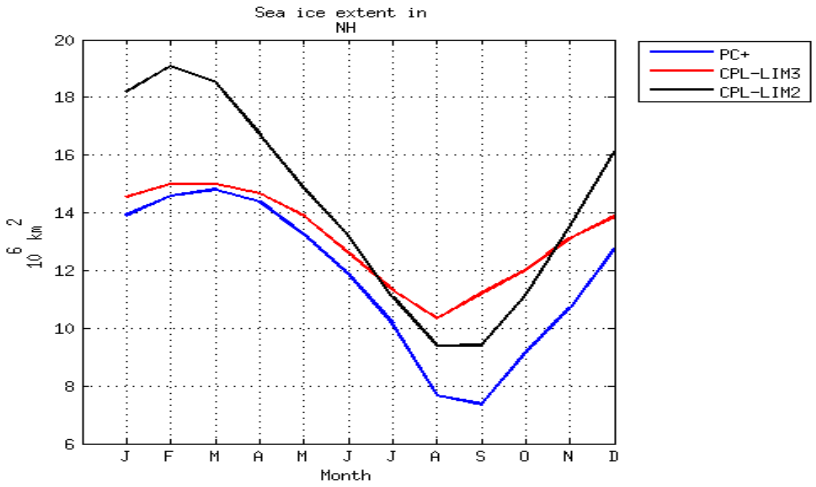
Runs forcés

Résultats des runs couplés

Cycles saisonniers moyens (PC+ / CPL-LIM3 / CPL-LIM2)

Etendue

Volume



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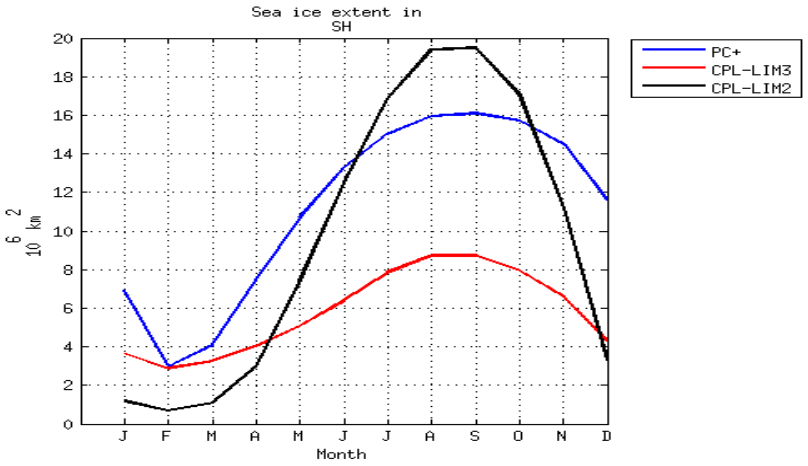
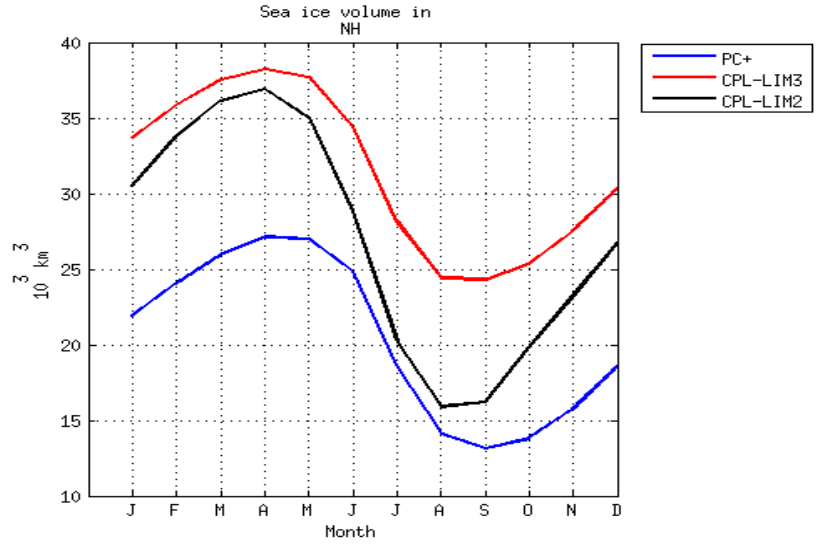
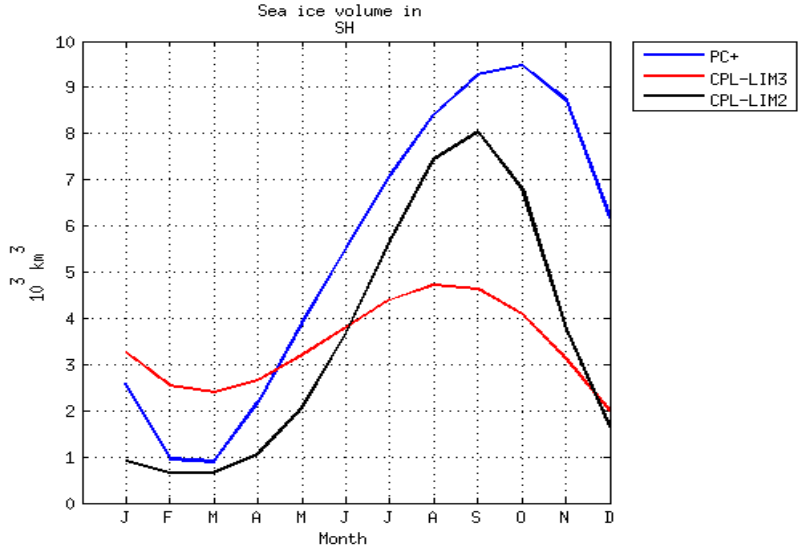
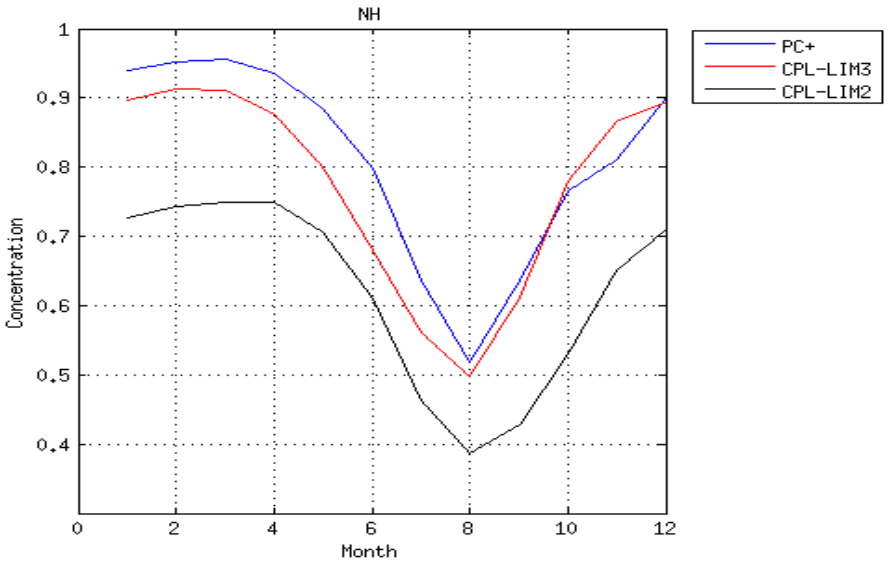


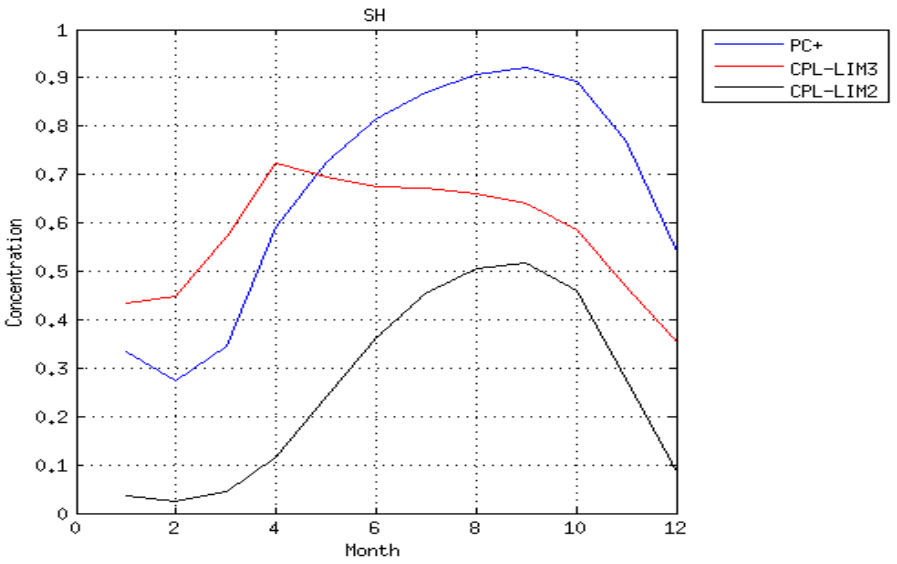


HS



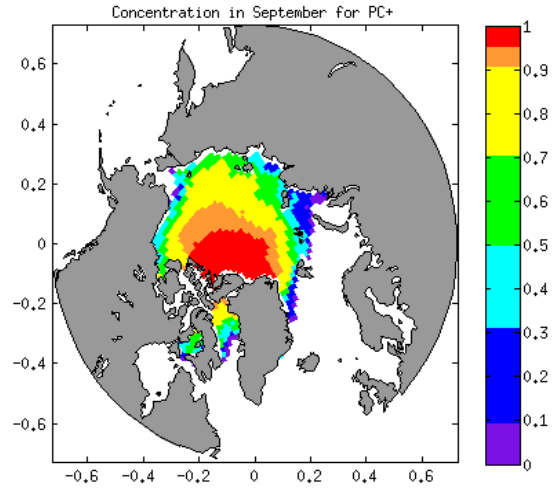
Concentration de glace (PC+ / CPL-LIM3 / CPL-LIM2)

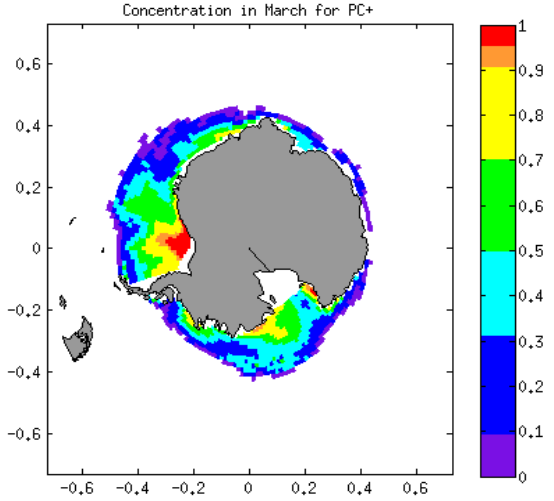




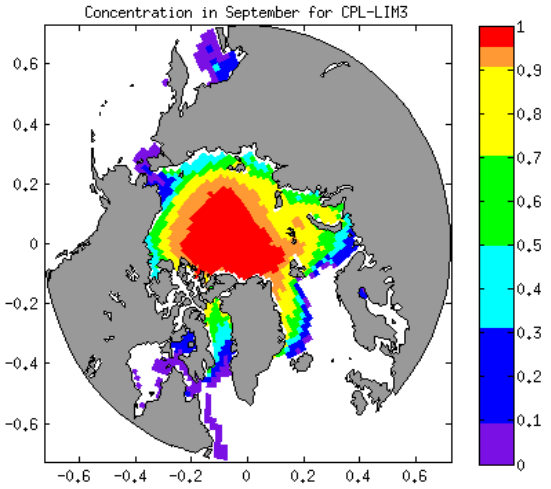
Concentration de glace

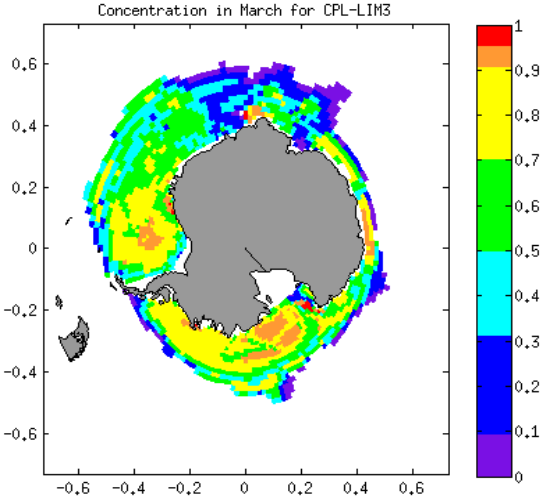
PC+



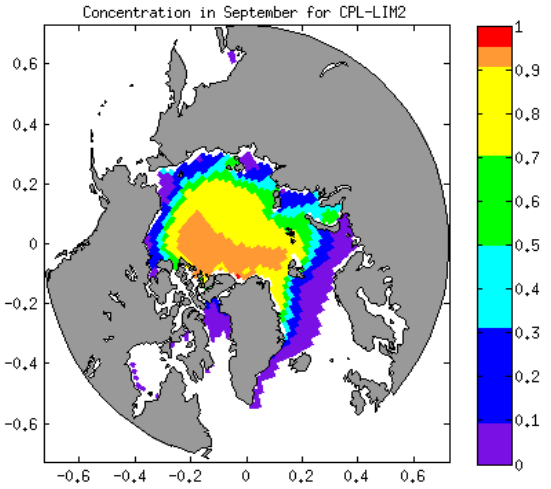


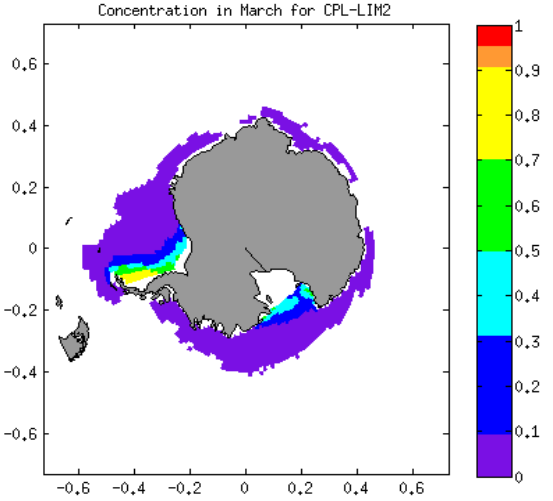
CPL-LIM3





CPL-LIM2

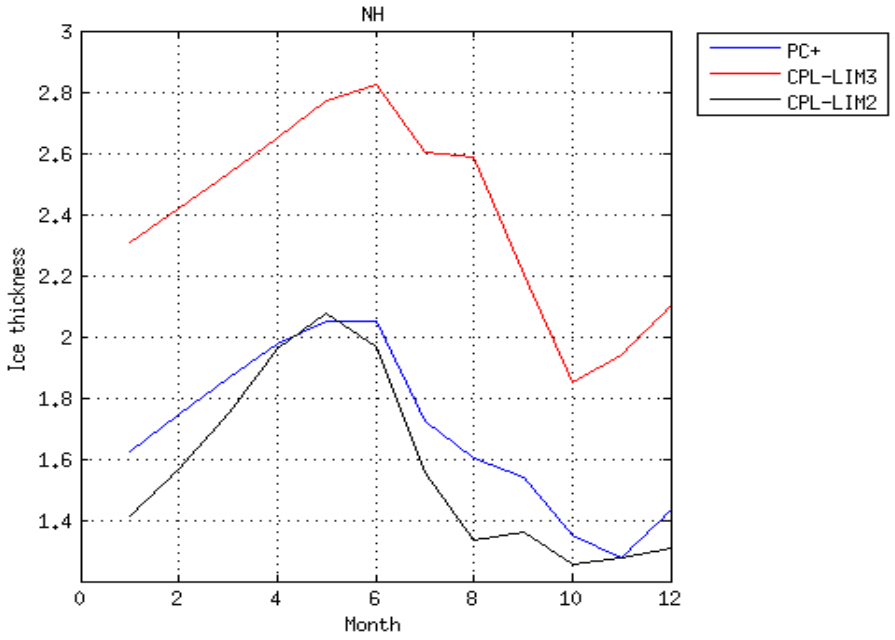


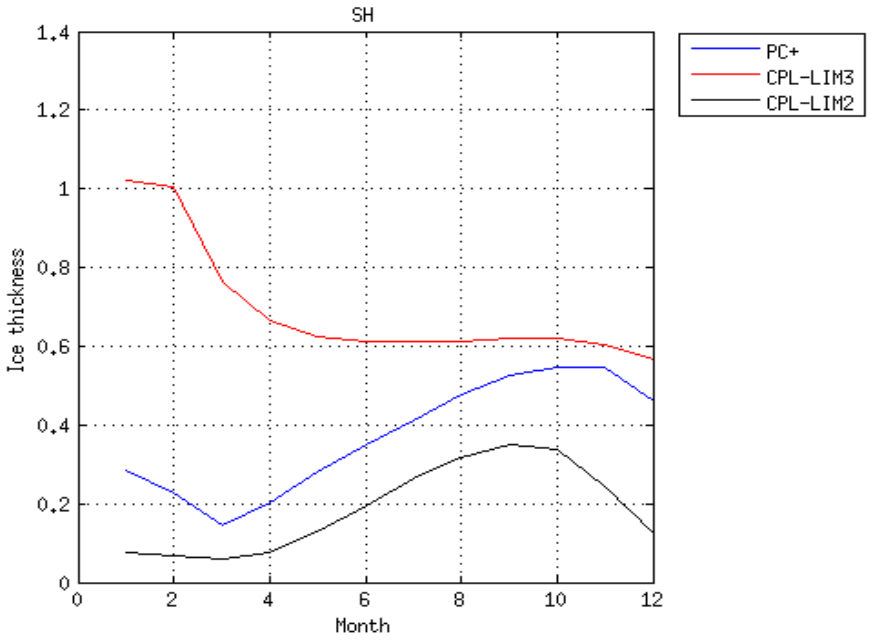


Run forcé

Runs couplés

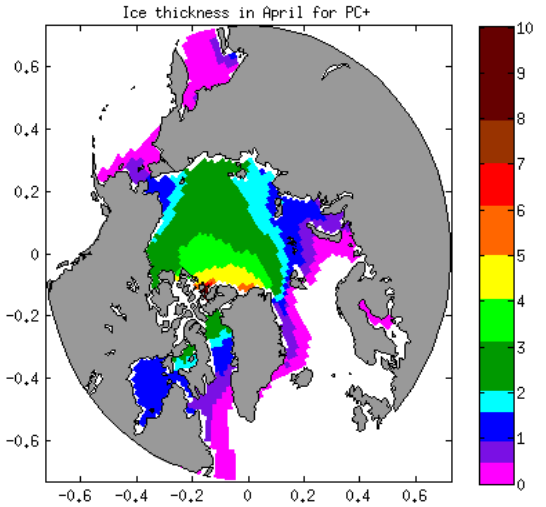
Epaisseur de glace
(PC+ / CPL-LIM3 / CPL-LIM2)

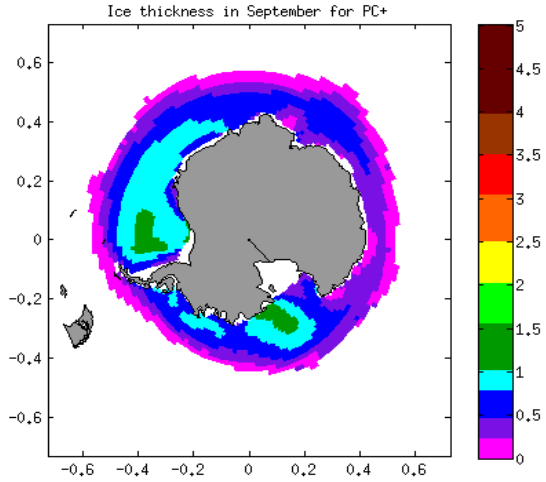




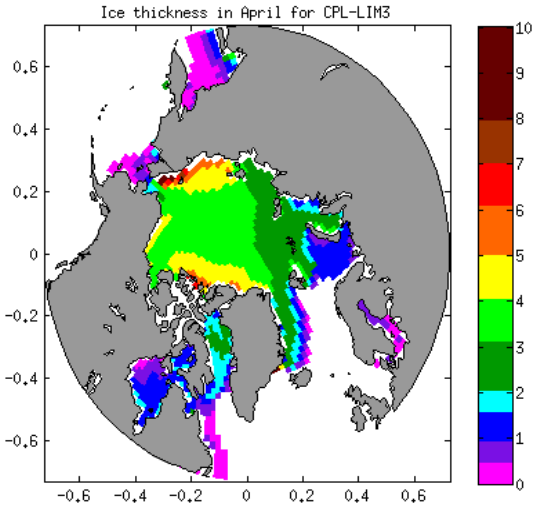
Epaisseur de glace

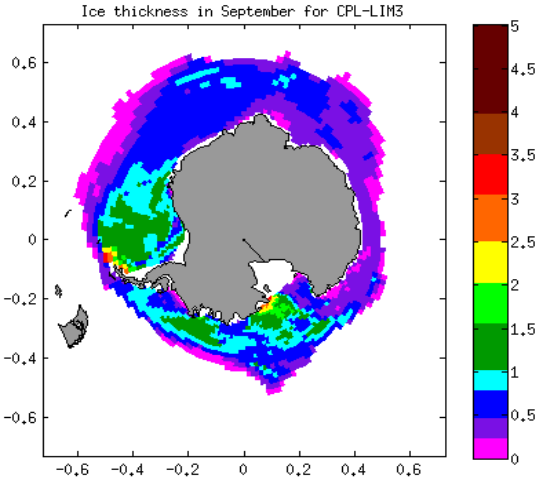
PC+



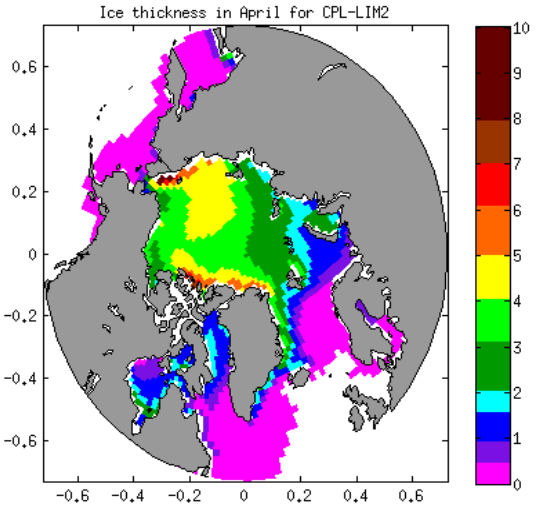


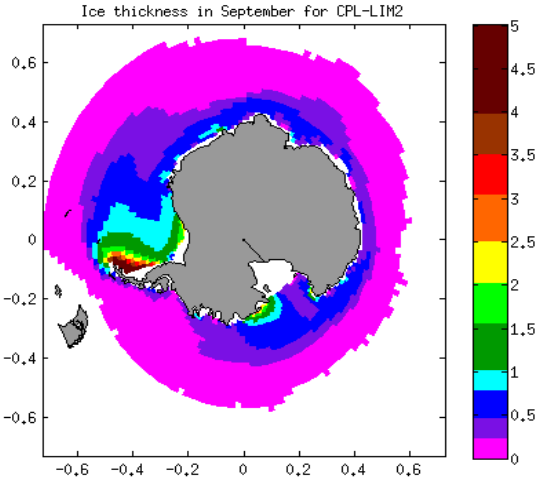
CPL-LIM3





CPL-LIM2





Run forcé

Runs couplés