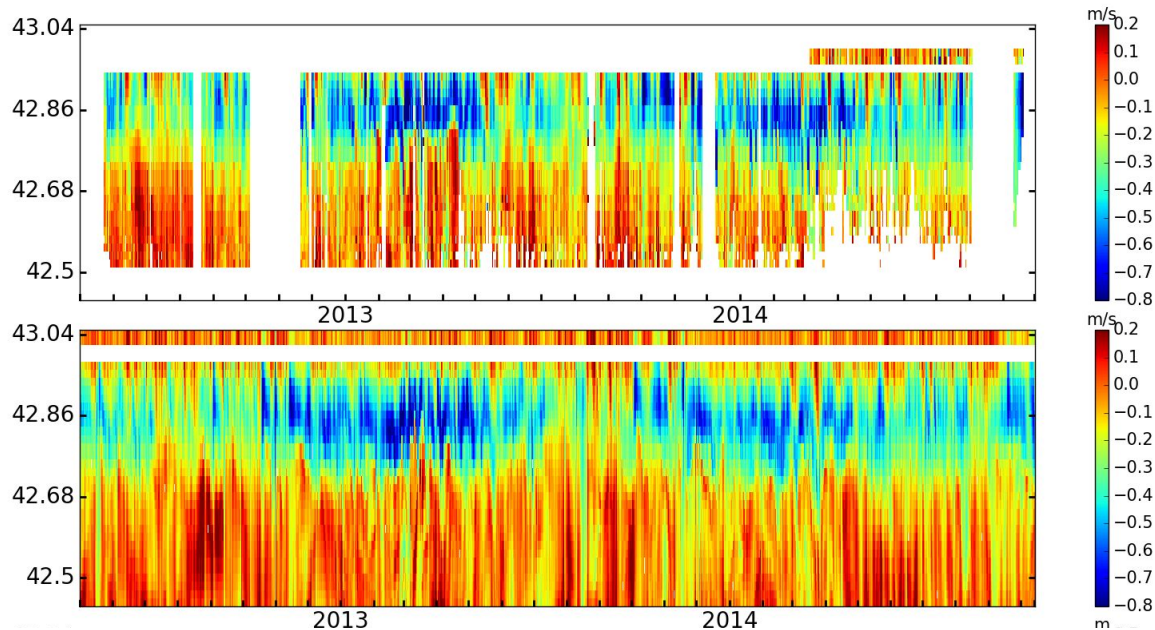


Variabilité du Courant Nord

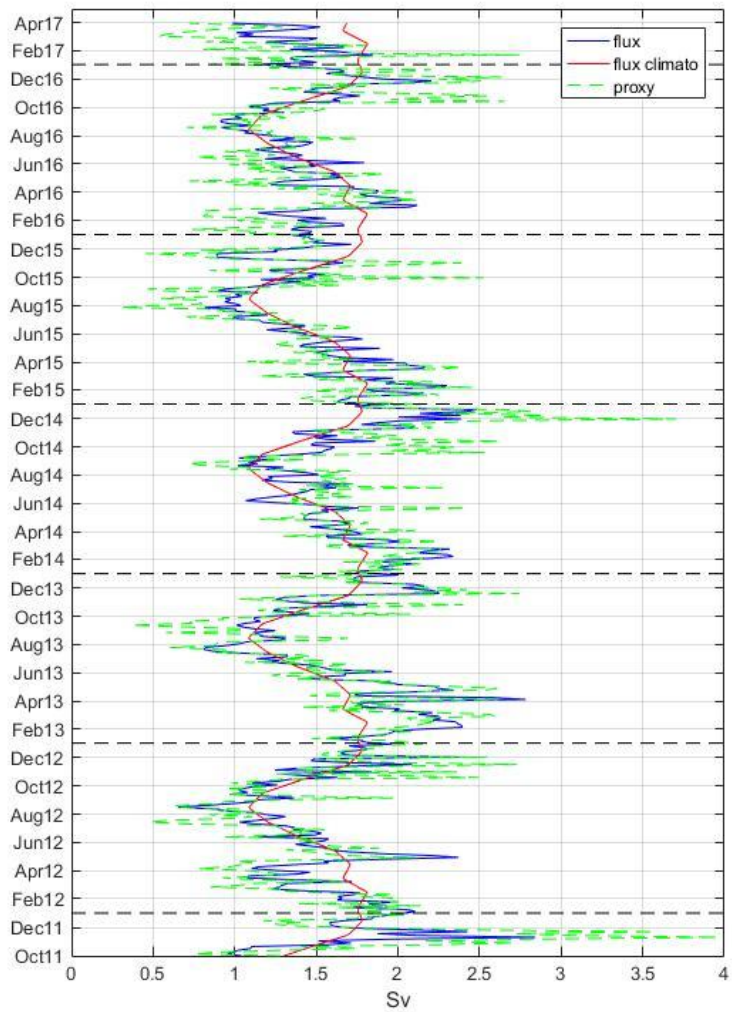
Radar Toulon



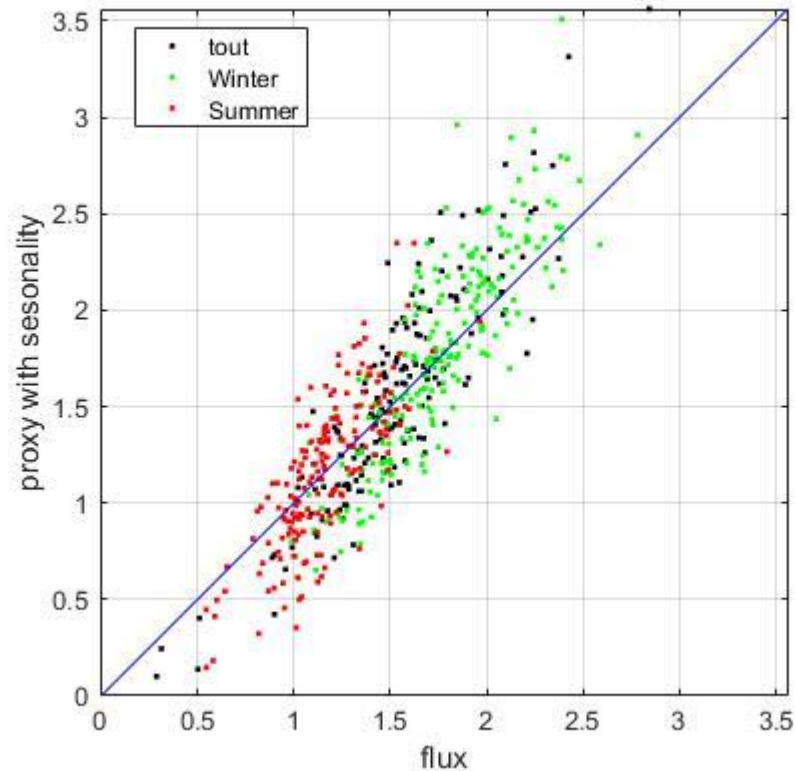
Modèle

Question: le champ radar (de surface) peut il permettre de reconstituer le transport?

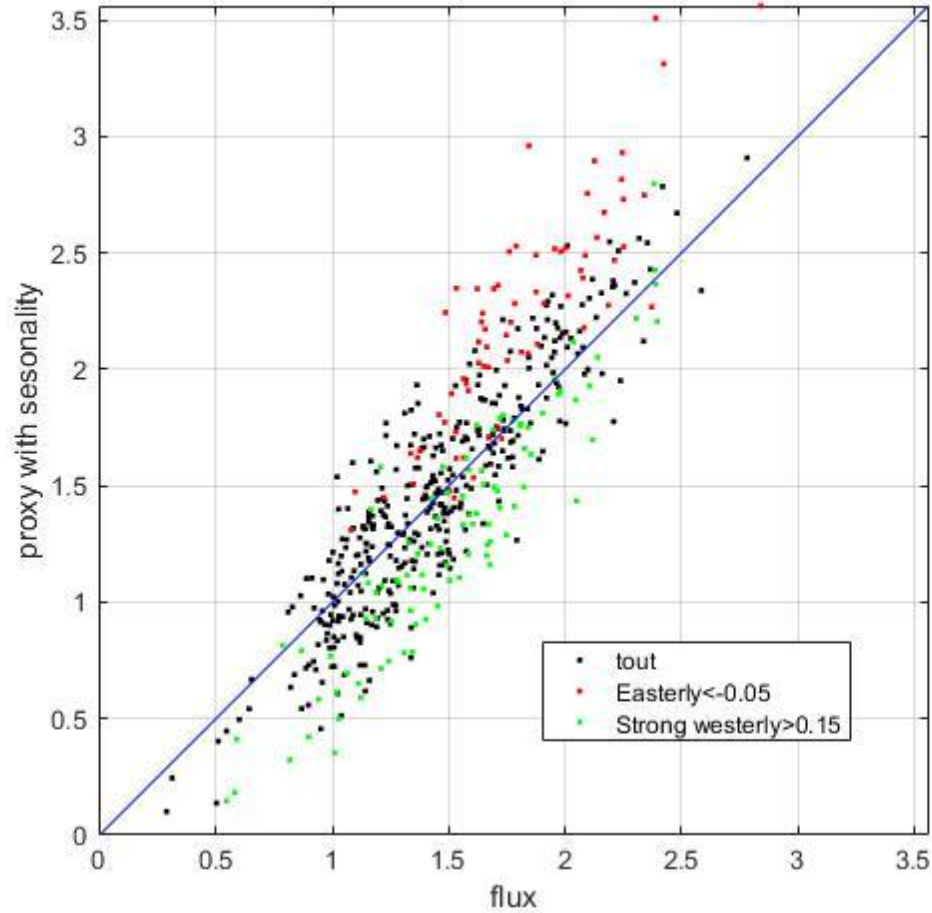
Construction (simplissime) d'un proxy du transport: à partir de l'intégrale de la vitesse à travers le courant



Variabilité saisonnière du CN



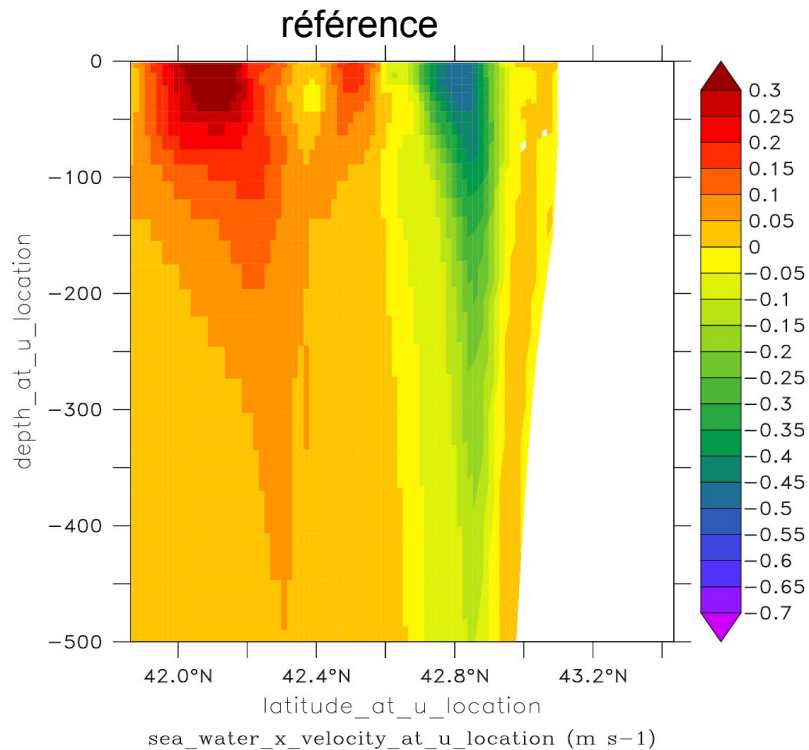
Impact du vent sur le CN



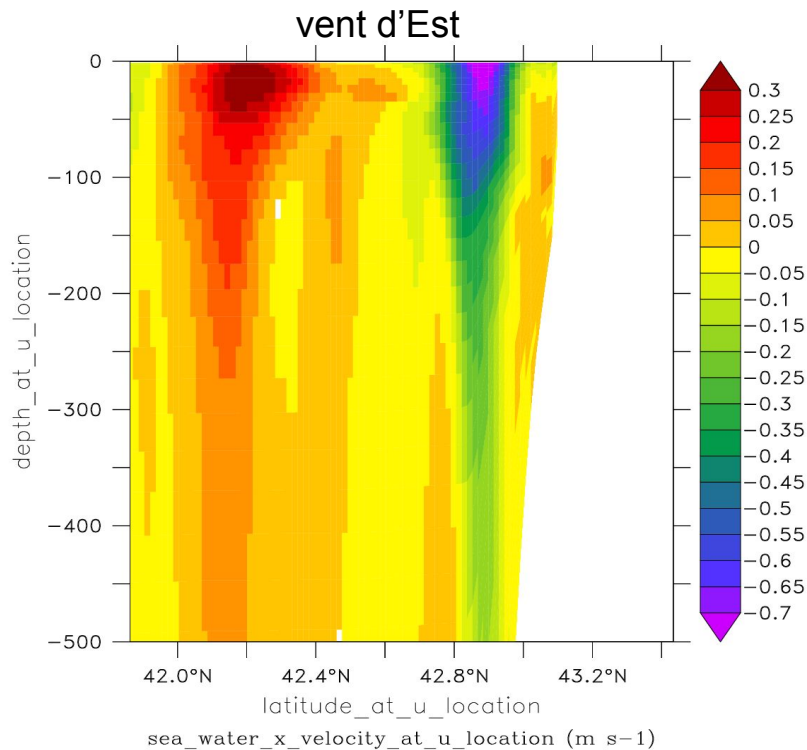
Tension vent moyenne
0.045 N/m²

Fig. 6 : New (seasonal) proxy as a function of CN flux (see legend inside)

TIME : 20-NOV-2014 00:01



TIME : 02-DEC-2014 00:02

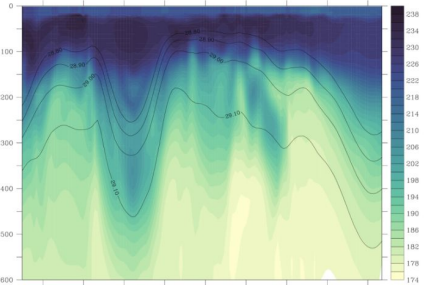
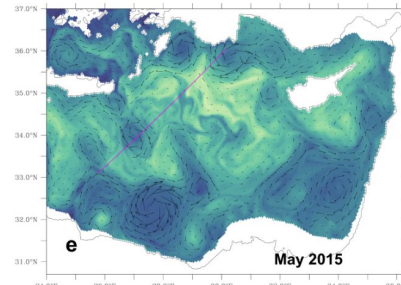
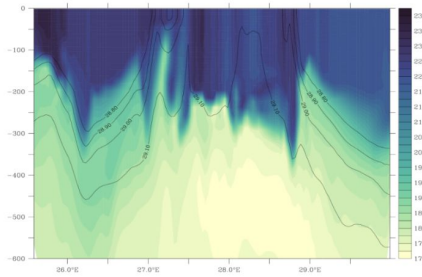
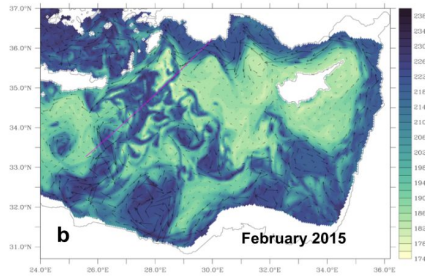
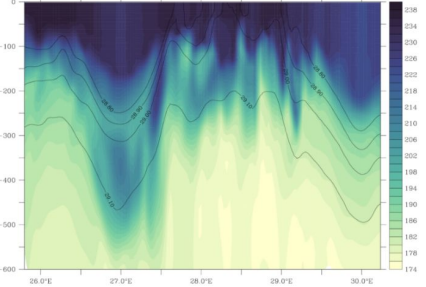
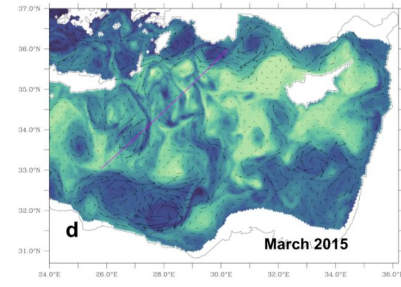
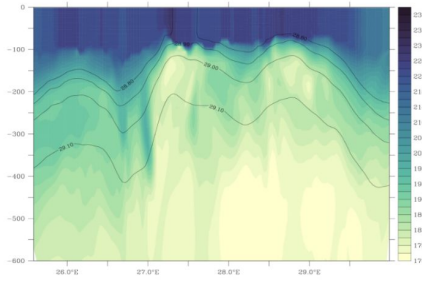
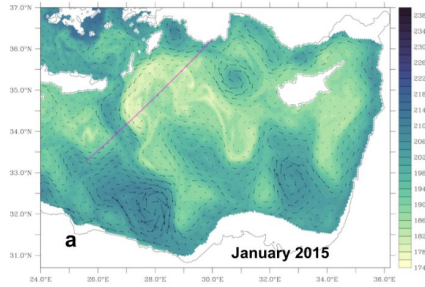


Vent d'Est augmente le ransport du Courant Nord:
resserrement des isopycnes, downwelling à la côte agmente le gradient de SSH

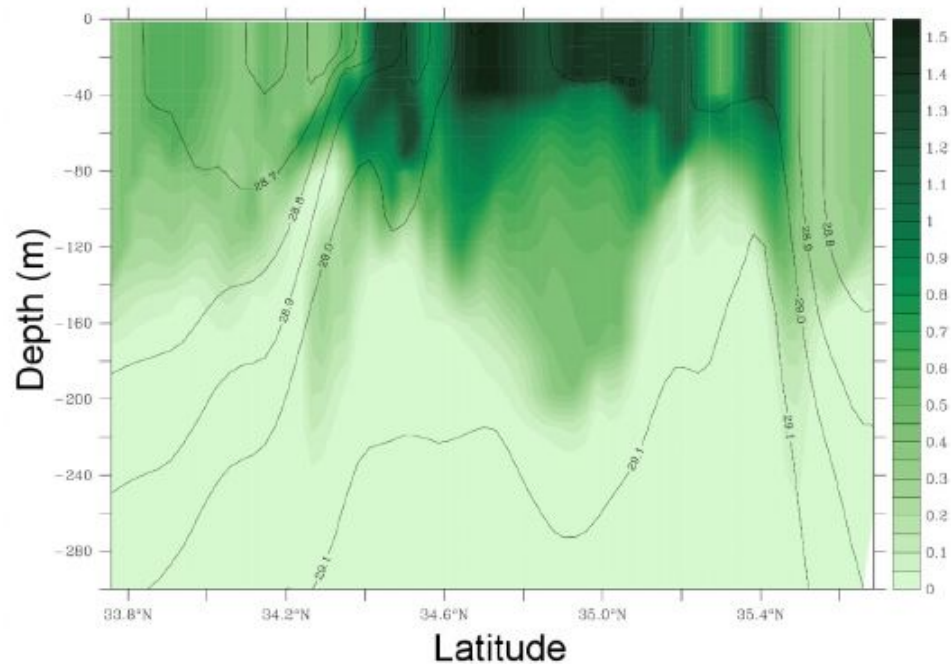
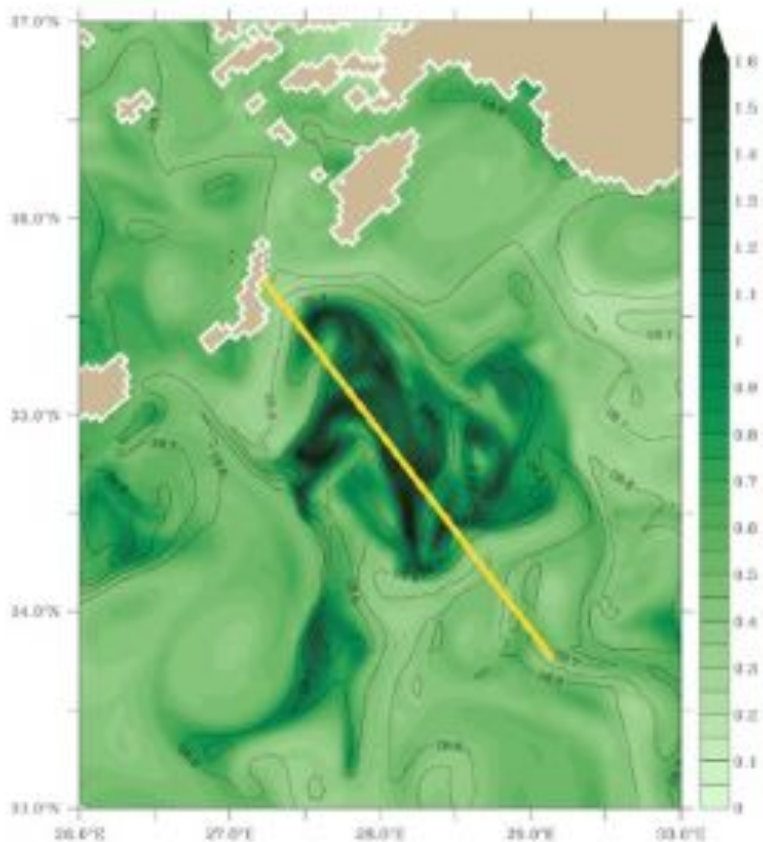
Oxygène et submésoséchelle en période de mélange hivernal

O_2 à 200 m

O_2 et isopycnes



Phytoplankton en Carbone (en mars)



Utilisation d'un traceur "eau dense"

Traceur nouvelle eau dense (160 m)

