

# EI Niño og havklima við Føroyar

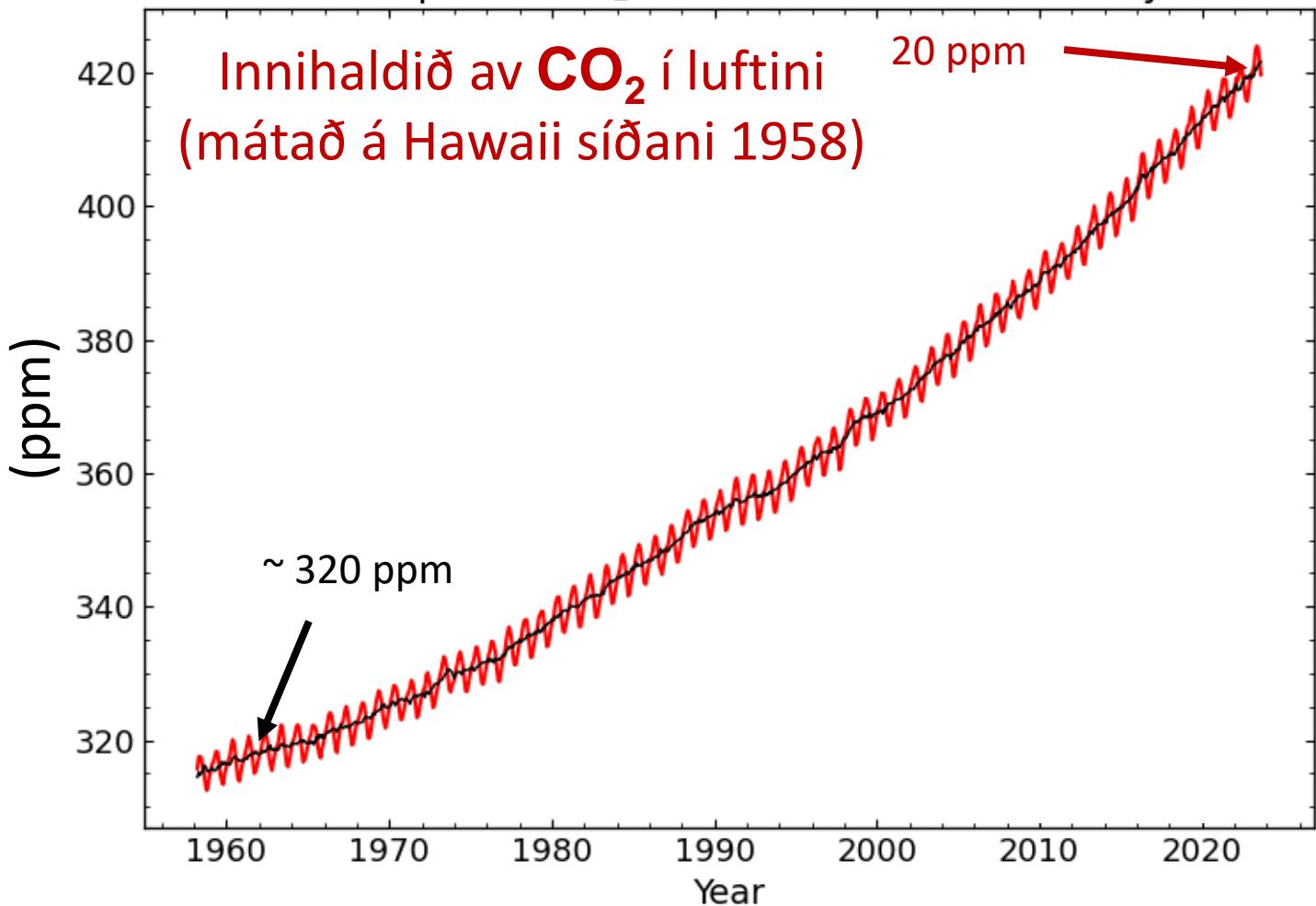
Hjálmar Hátún  
Havfrøðingur

# Yvirlit

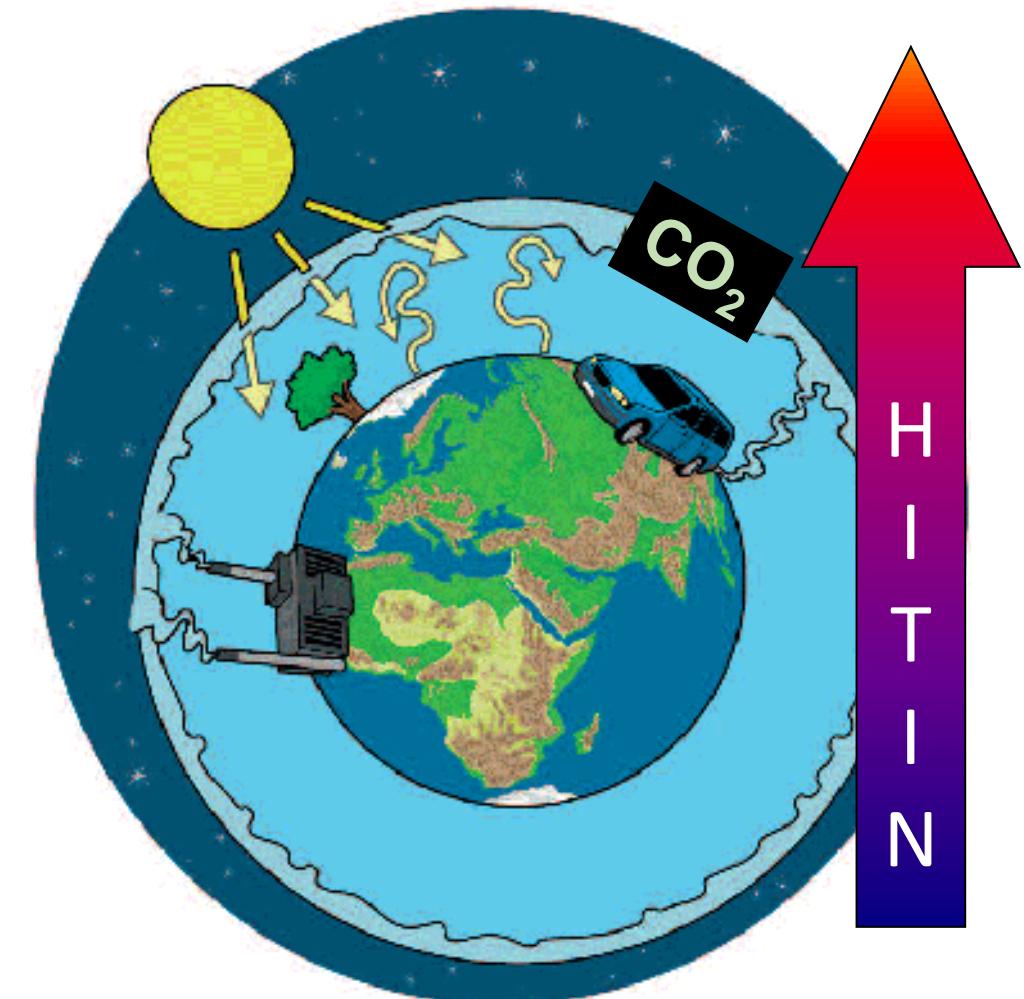
1) El Niño/La Niña – ein stórur hitaregulator

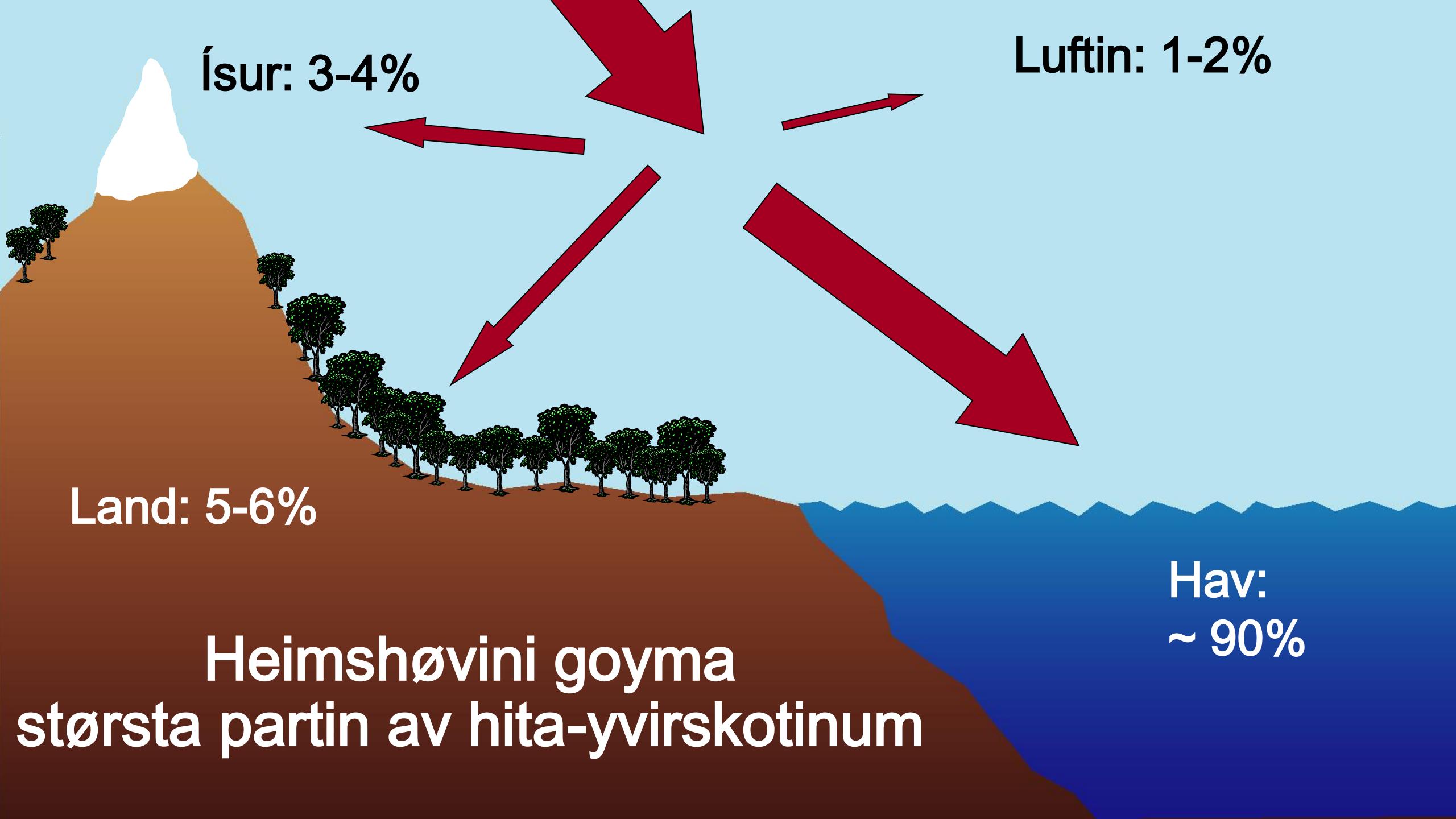
2) Eitt sindur um jetstreymin og ~~tosk~~ Næstu ferð ☺

# Vakstrarhúsárinrið



**CO<sub>2</sub> virkar sum bjálving um jörðina**





Ísur: 3-4%

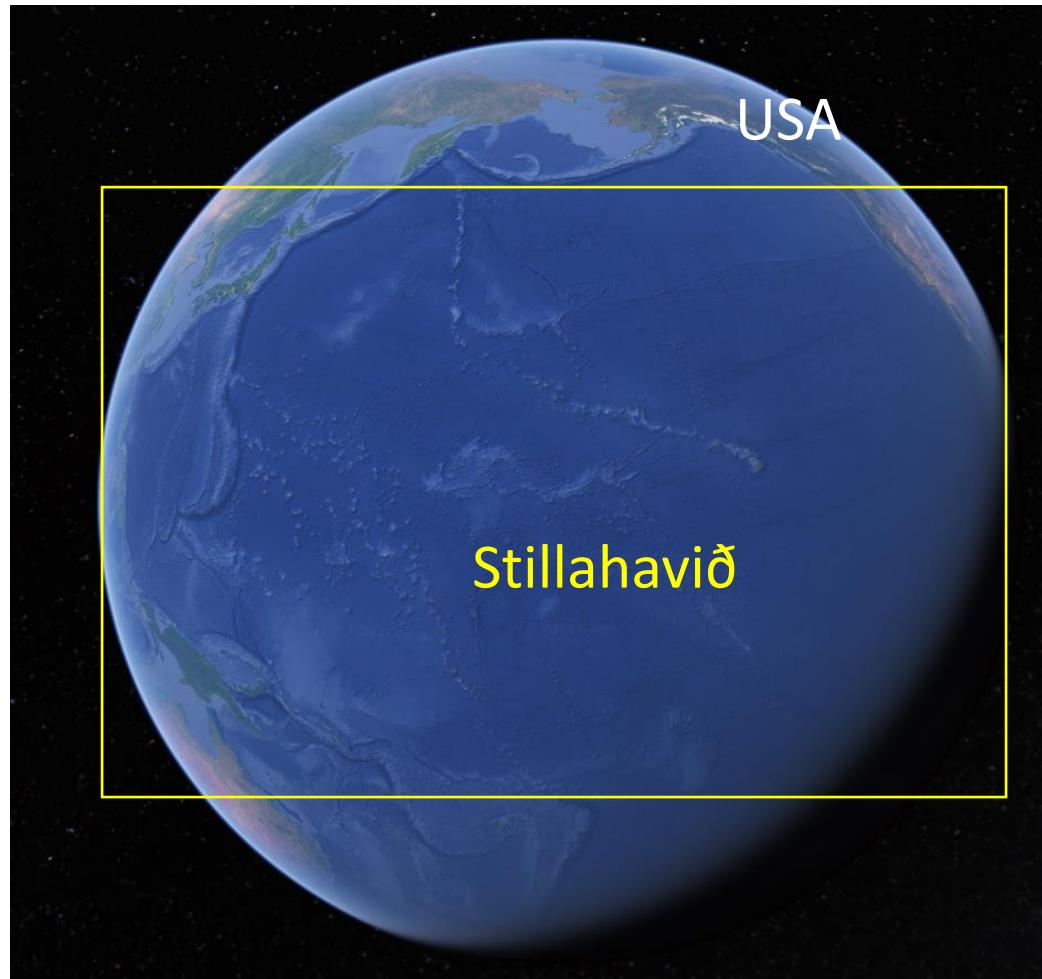
Luftin: 1-2%

Land: 5-6%

Hav:  
~ 90%

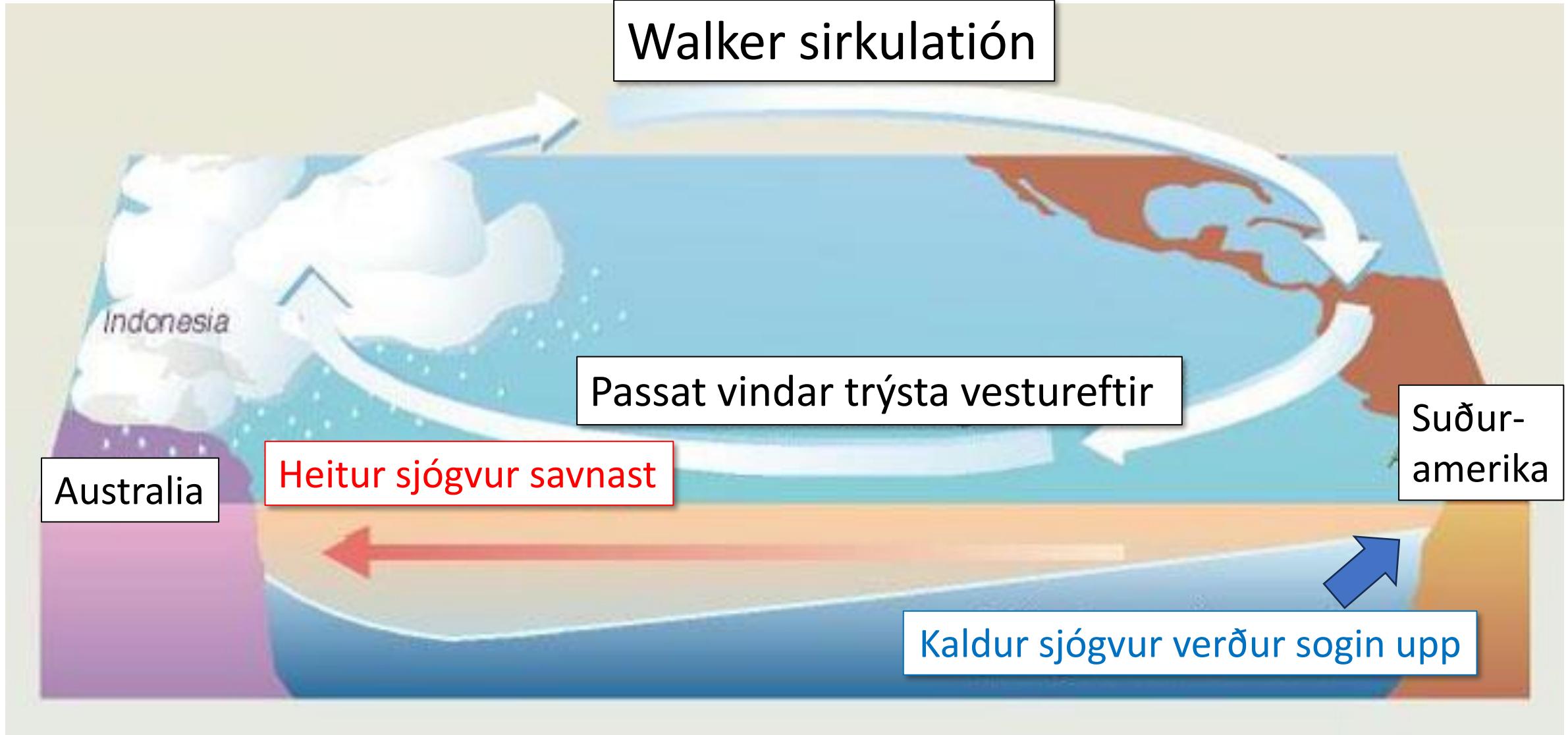
**Heimshøvini goyma  
størsta partin av hita-yvirskotinum**

# Stillahavið hevur stórstæn týdning

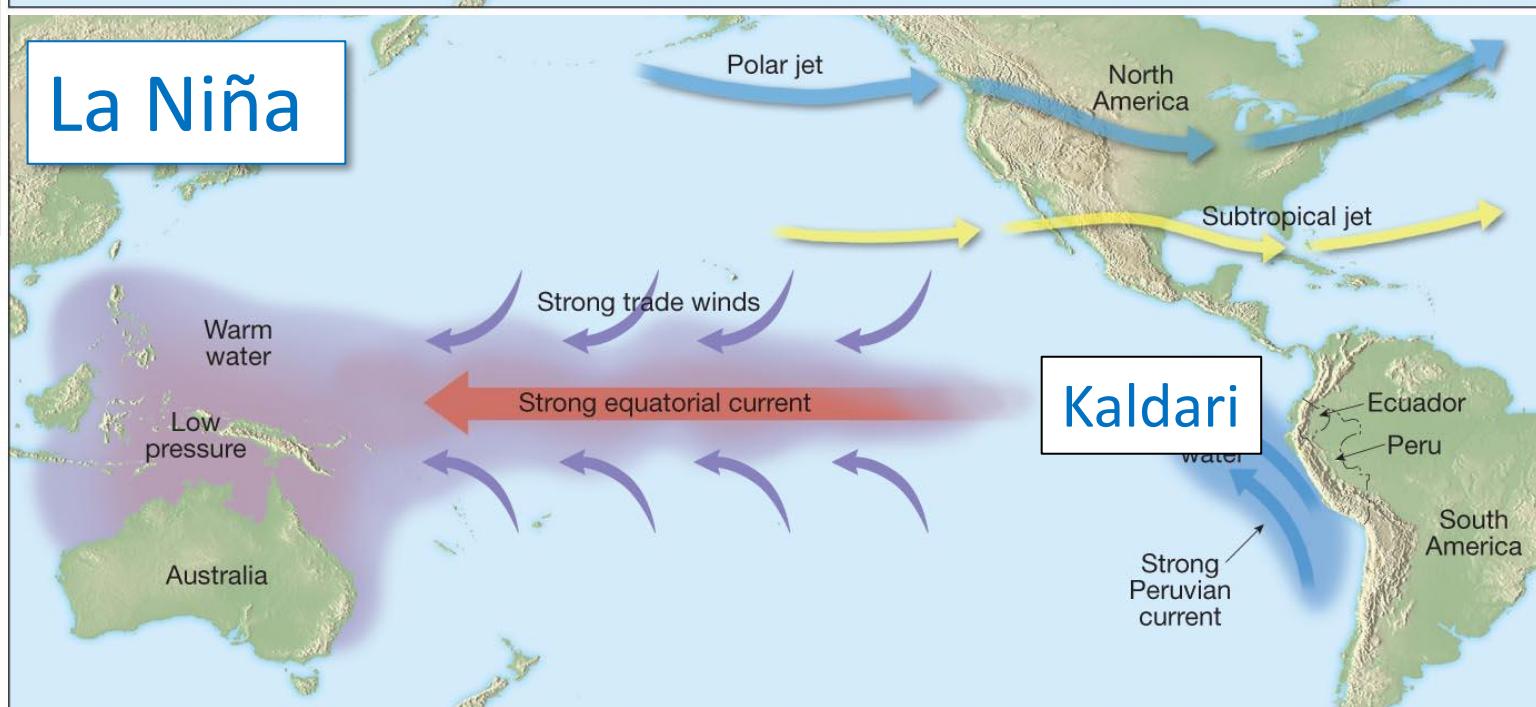
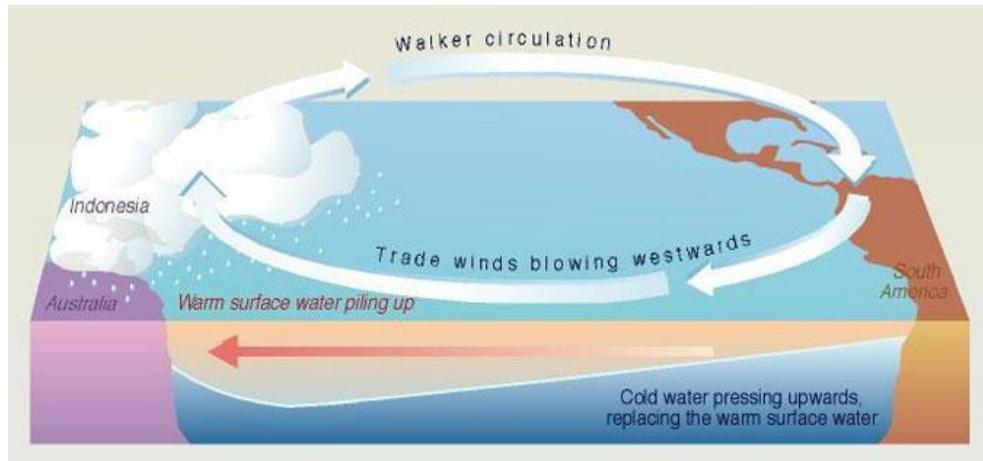


# Heiti "hylurin" í Stillahavinum

Walker sirkulación



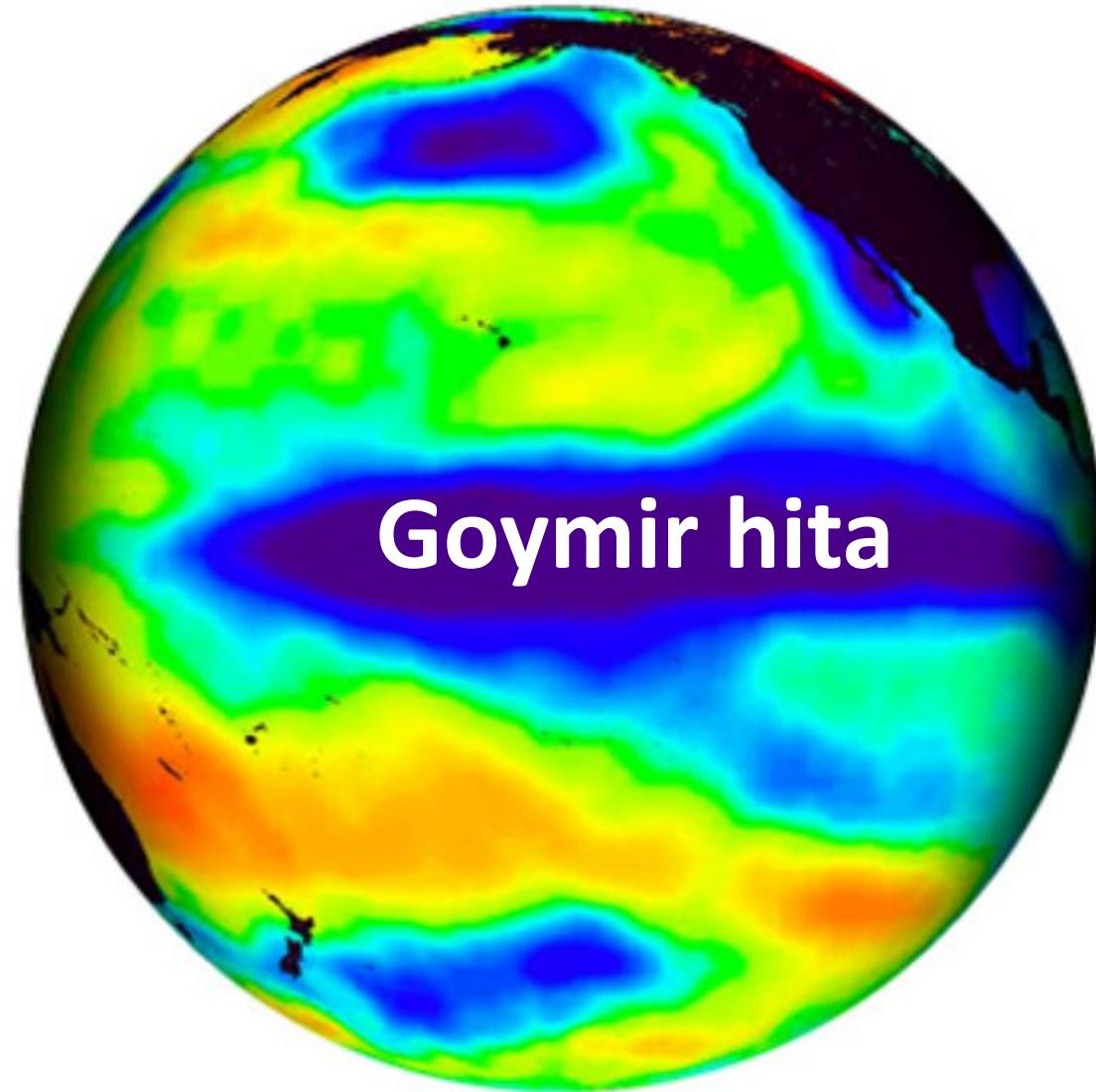
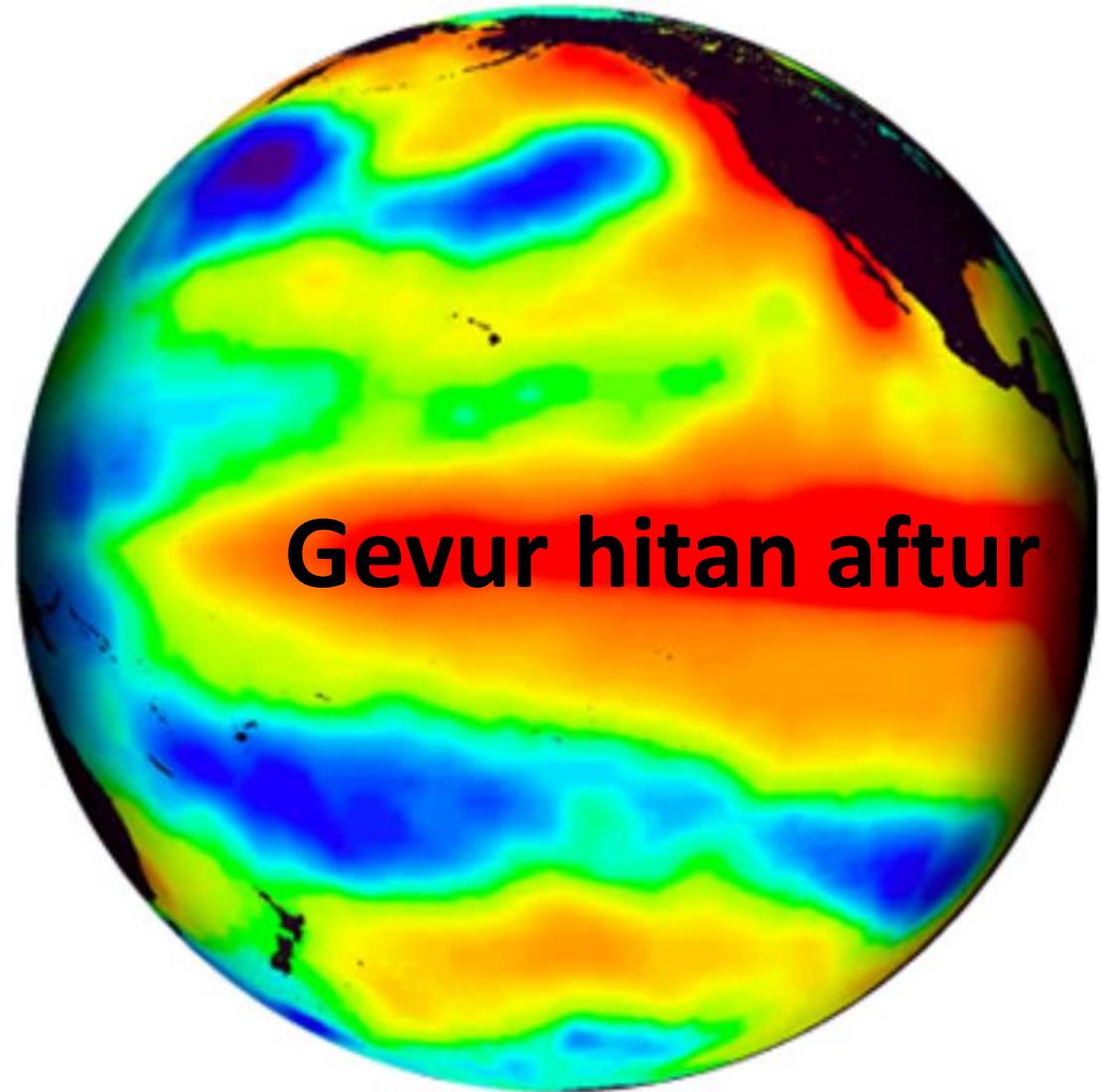
# Tvær støður



El Niño

Tvær støður

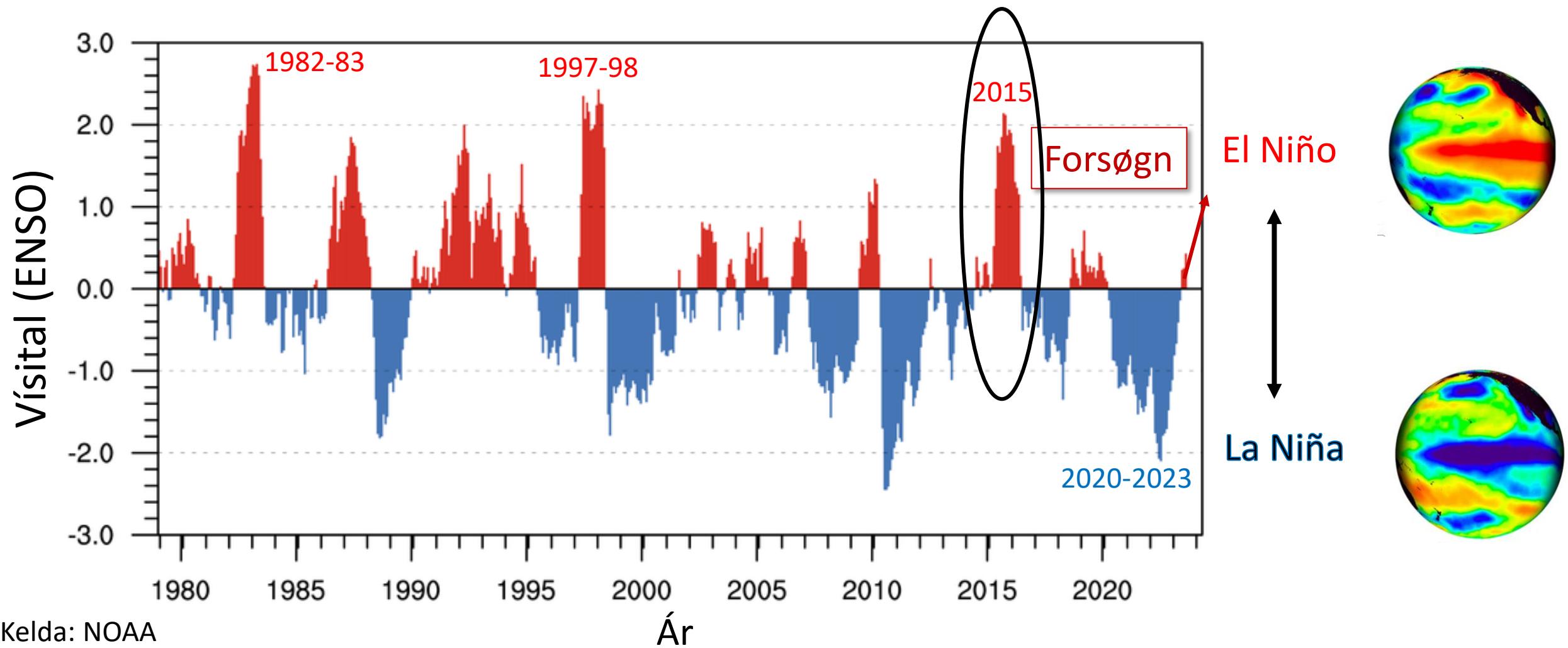
La Niña



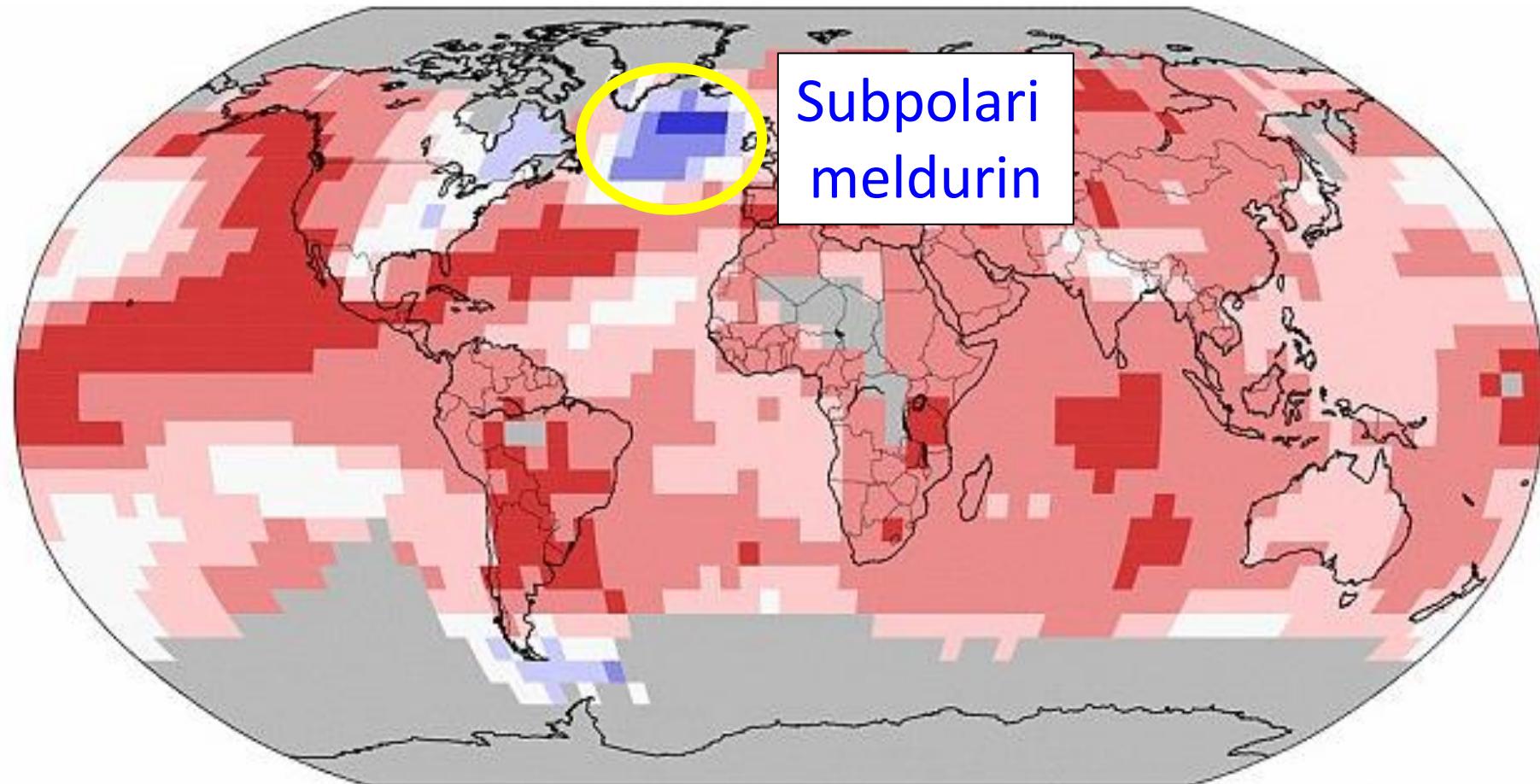
Vatnskorpuhiti ( $^{\circ}\text{C}$ )

-4 -2 0 2 4  
í mun til miðal, anomali)

# El Niño/La Niña vísital



# Vatnskorpuhitin í 2015 (sterkt El Niño)



Met  
kalt

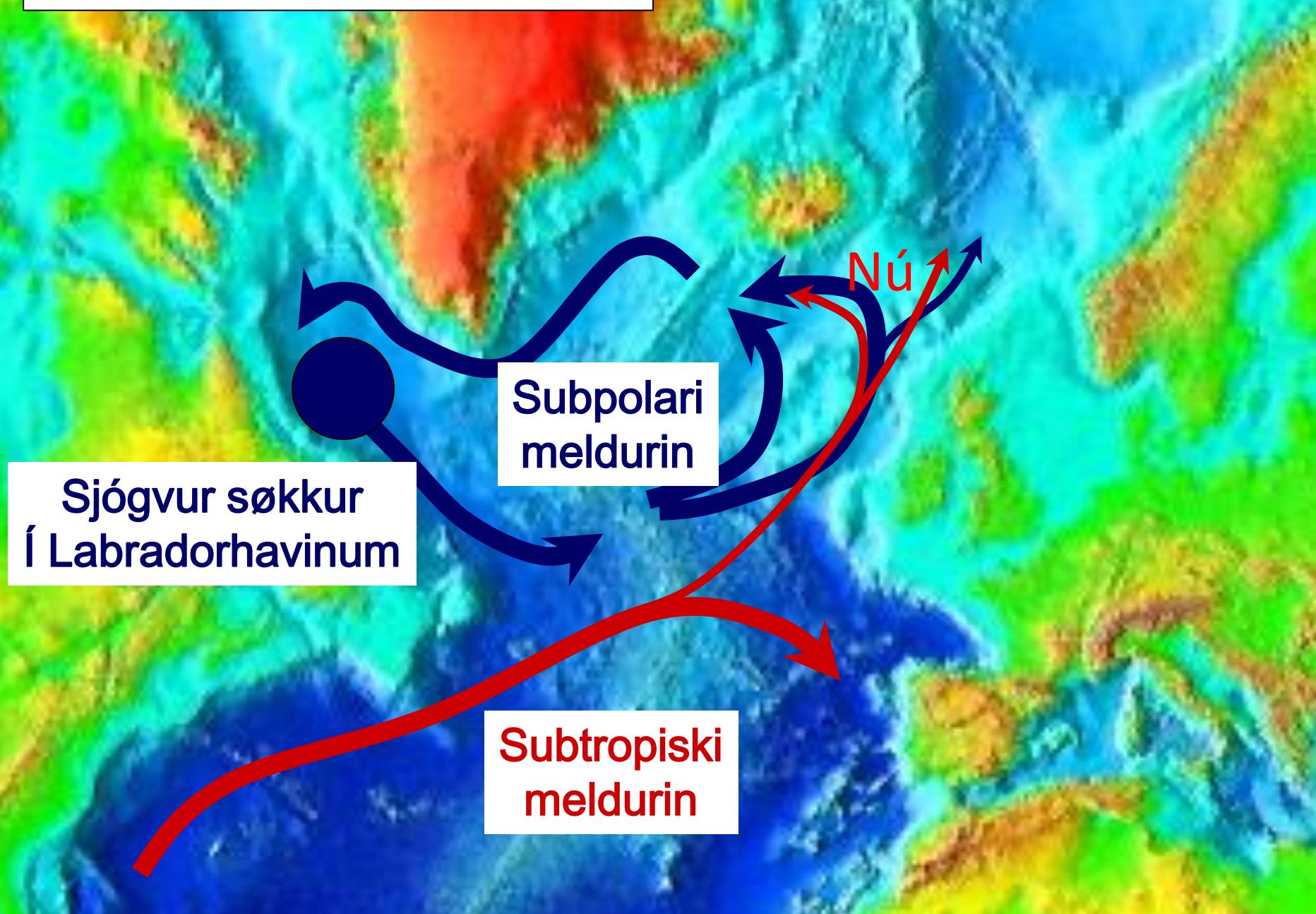


Miðal



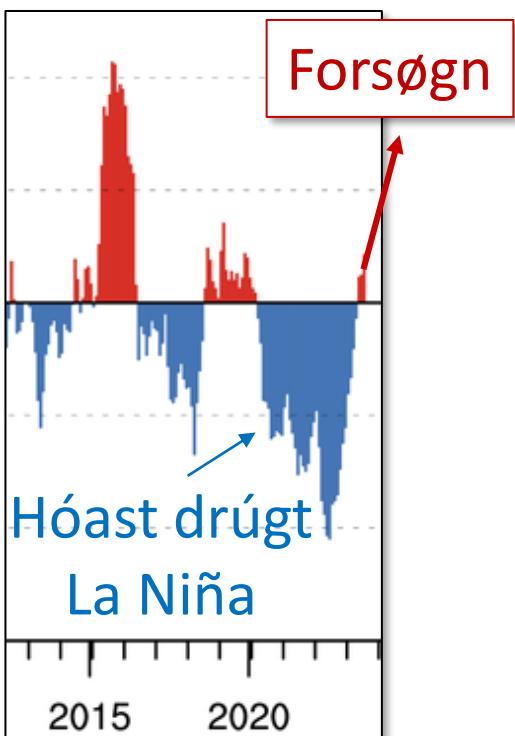
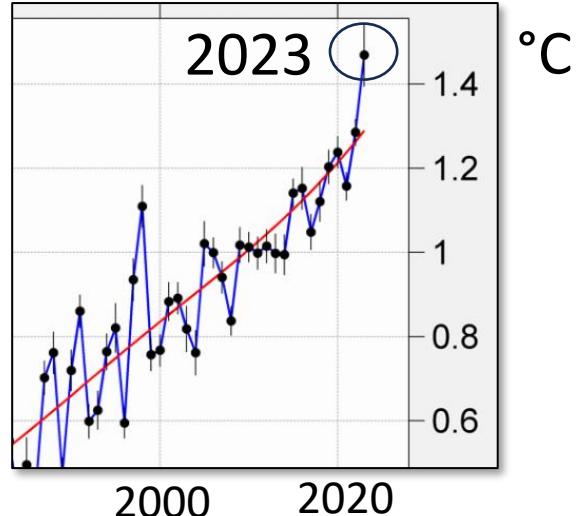
Met  
heitt

## Subpolari meldurin



Miðalhiti á jørðini

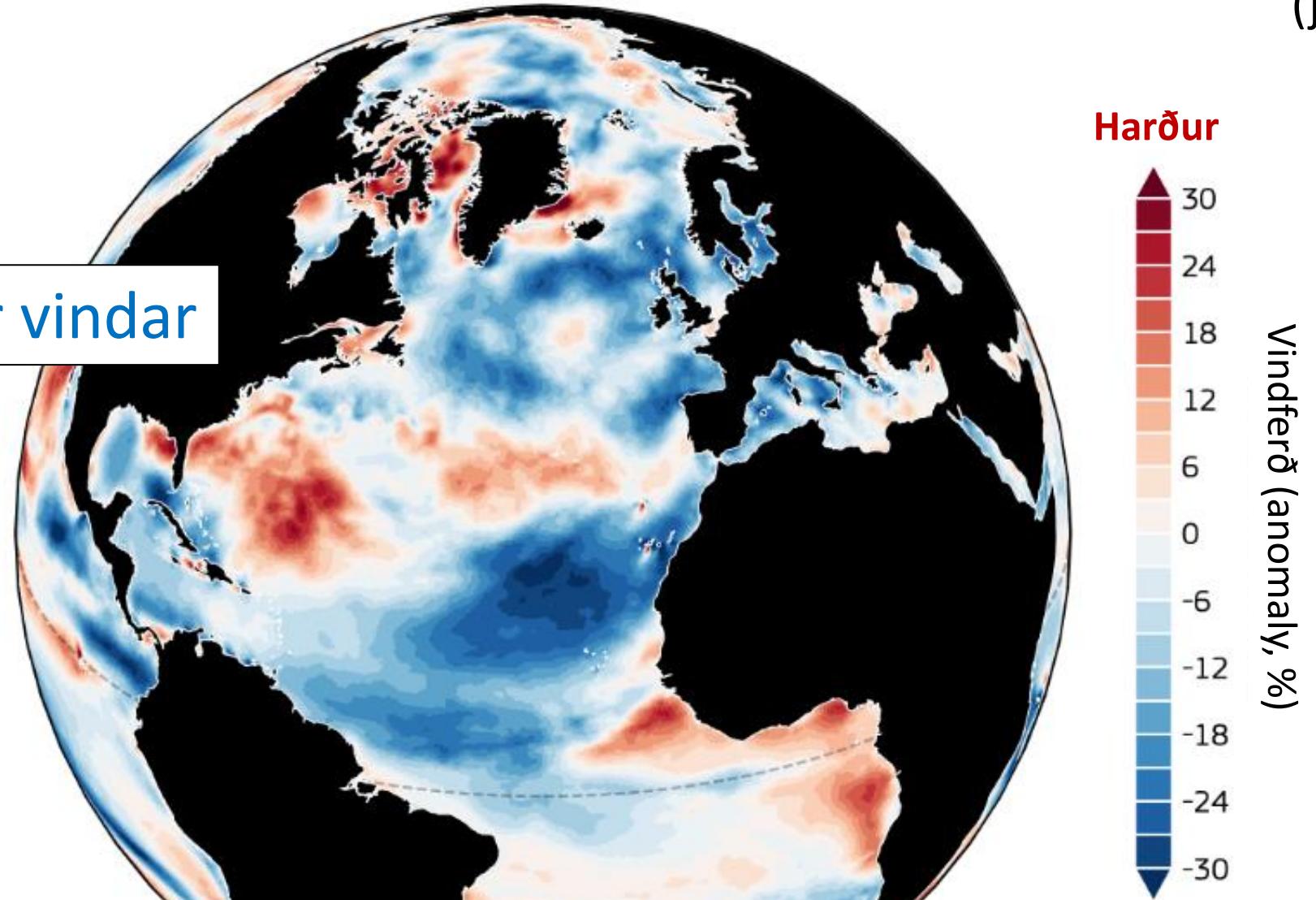
(juni, anomali)



(juni)

# Hitabylgja í ár

Óvanliga veikir vindar



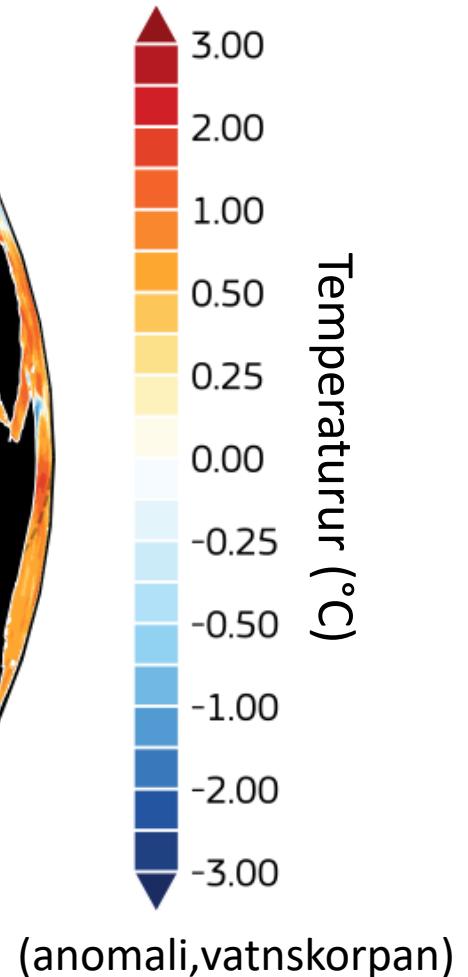
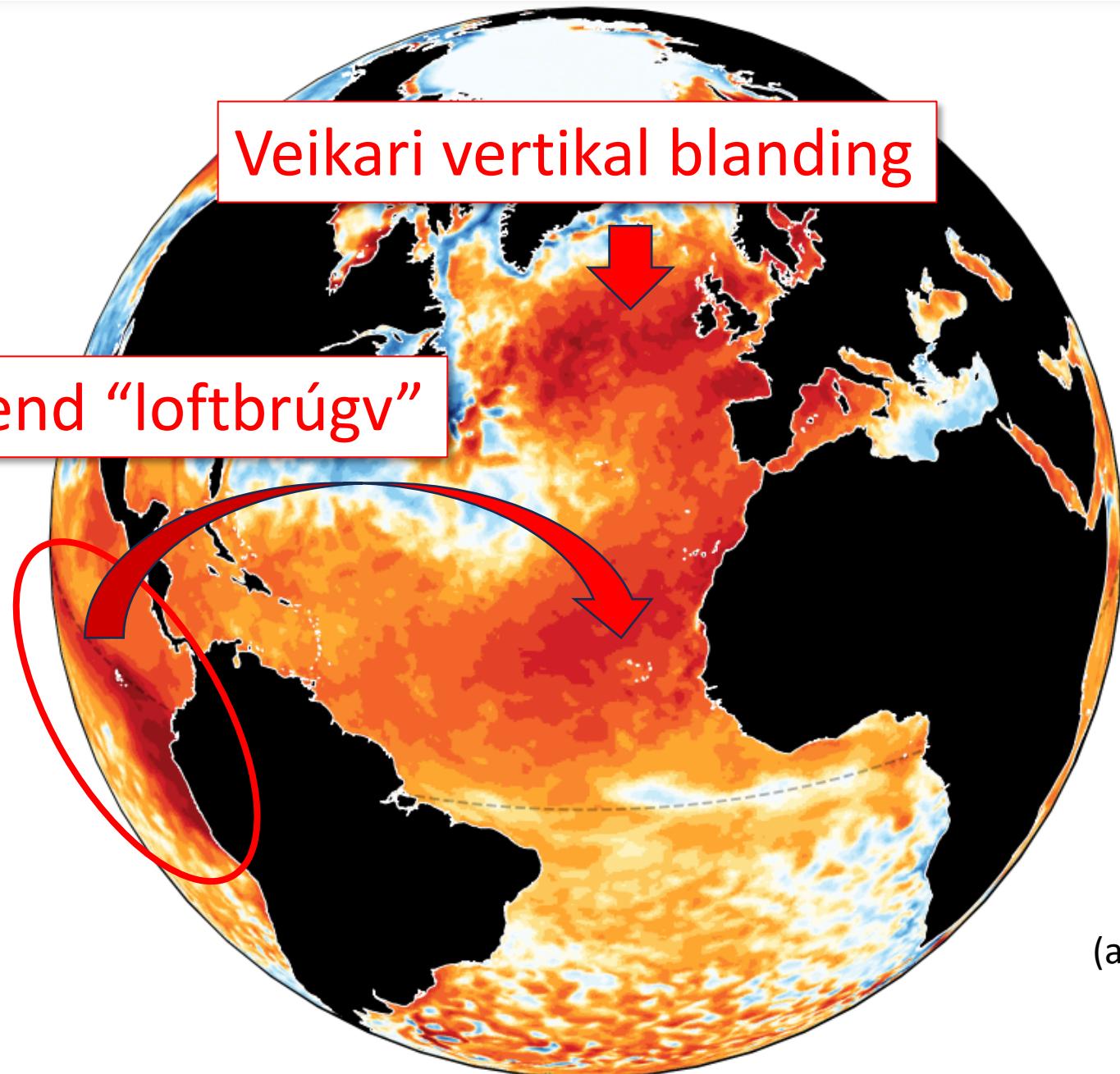
(juni)

# Hitabylgja í ár

El Niño stóða  
var byrjað

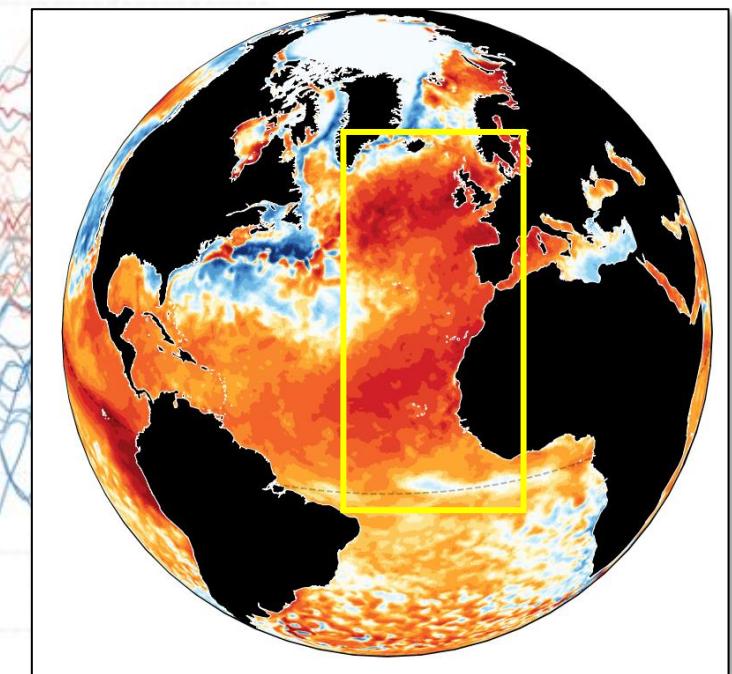
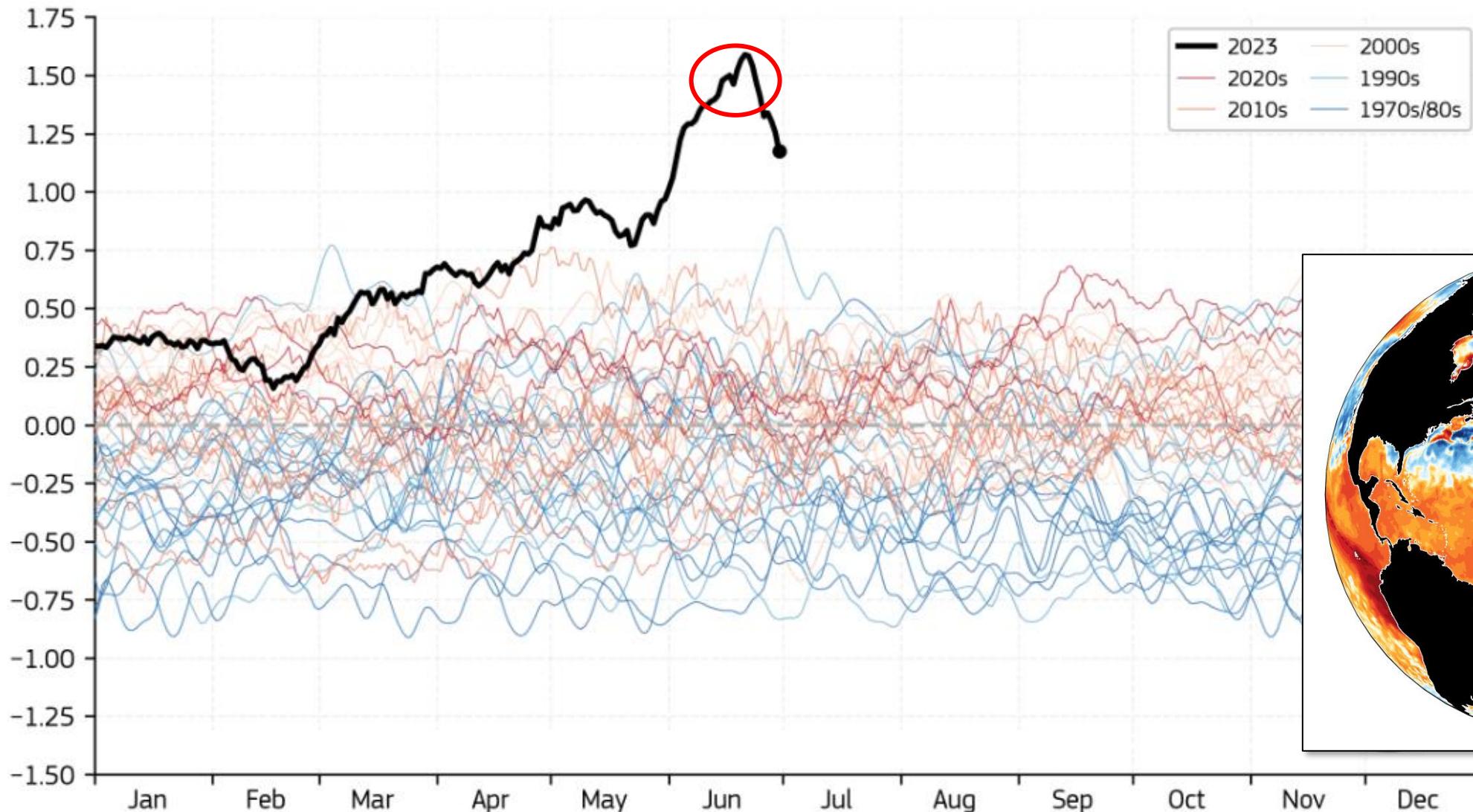
Ein vælkend “loftbrúgv”

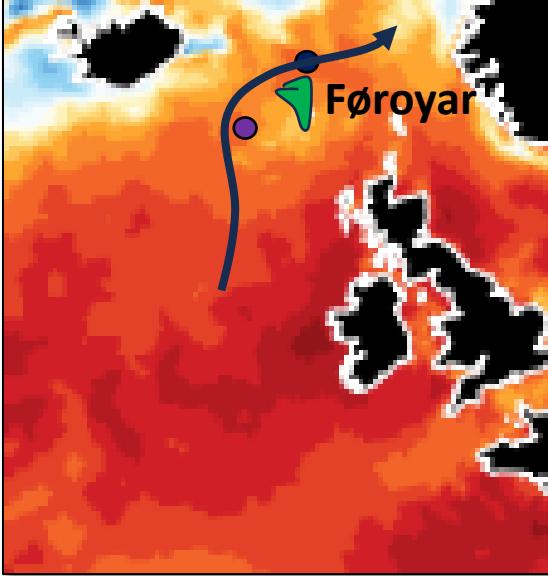
Veikari vertikal blanding



# Met heitt, serstakliga í juni og í Atlantshavi (norðureystur)

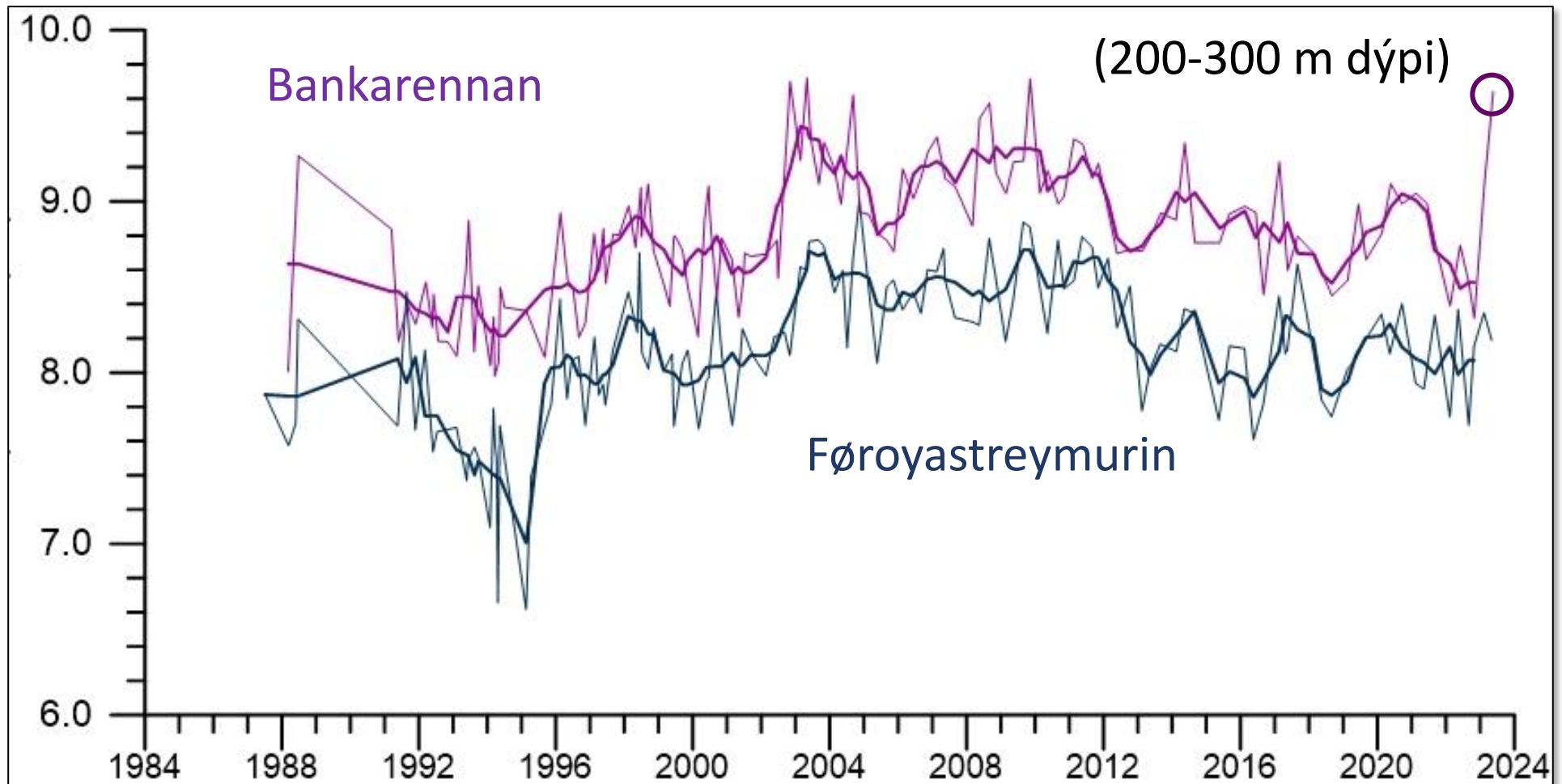
(anomali, °C)



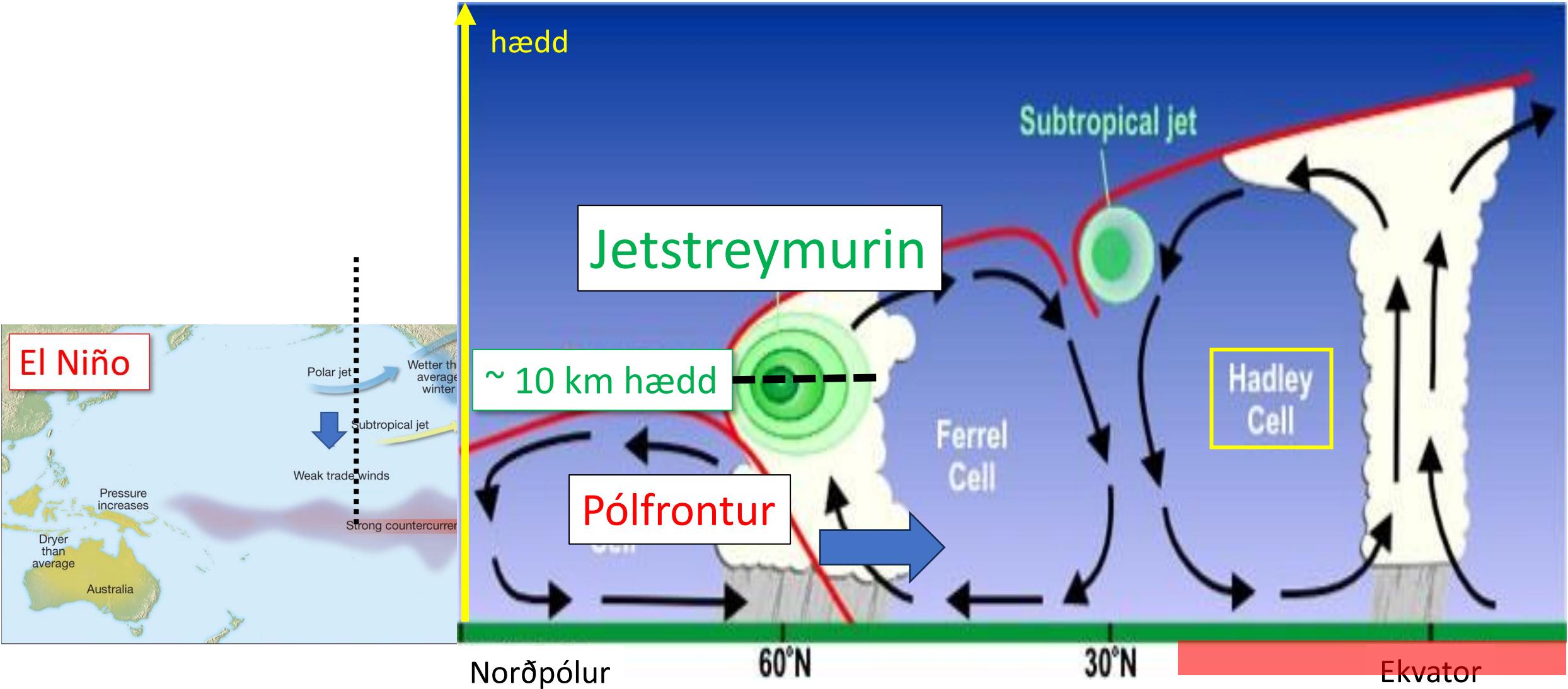


# Havstreymarnir eisini heitari

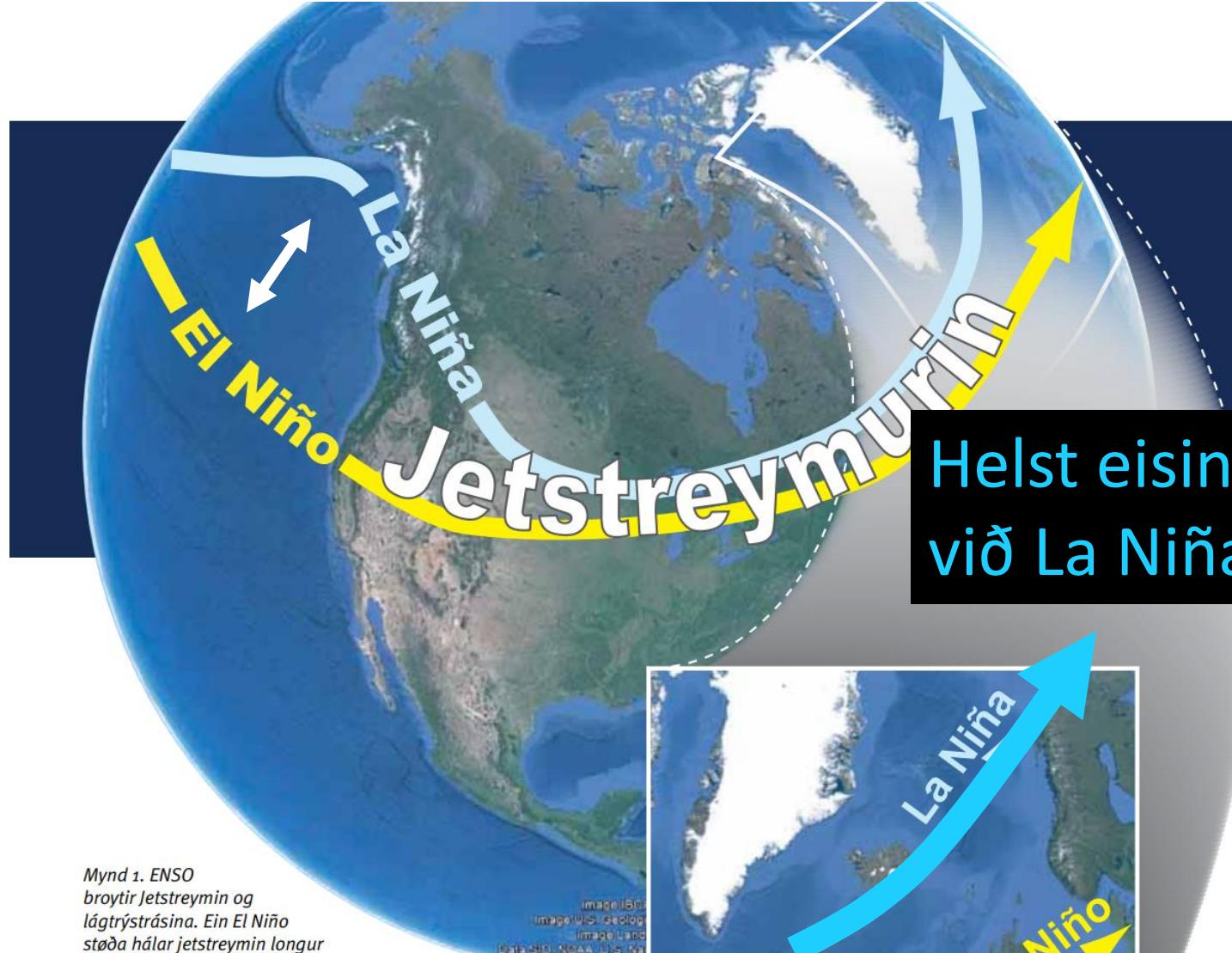
(°C)



# El Niño og jetstreymurin



# Jetstreymur og stormarbanar



Mynd 1. ENSO  
broytir Jetstreymin og  
lágtrýstrásina. Ein El Niño  
stöða hálar jetstreymin longur  
suður í Kyrrahavinum, og hetta  
kann fóra við sær at hann eisini ferðast  
meiri sunnarlagu yvir Norðuratlantshavinum, og  
dregur lágtrýstini inn yvir Europa (gulir pílar). Tann óvugta La  
Niña stöðan kann fáa streymin at „alda“ meira, og ferðast meiri  
norðarlaga um okkara leiðir og draga lágtrýstini millum Ísland og  
Føroyar (bláir pílar).

# Boðskapir

- El Niño/La Niña ávirkar miðalhitana á jørðini.
- Metheit jørð, og væntaða El Niño støðan kann leggja “stein oman á byrðu”.
- El Niño/La Niña broytir ferðaleiðina hjá vetrarstormum tvörtur um Atlantshavið.
- La Niña-støður viðföra möguliga sterkari útsynning

# La Niña og toskavøkstur

