

# Coastal observatories and integrated coastal zone management systems

ctroupin

Balearic Islands Coastal Observing and Forecasting System

# 3 pilars for innovation...

# Gliders and innovation

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# Gliders and innovation

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Industrial  
Leadership



# Gliders and innovation

Industrial  
Leadership



Excellent  
Science

# Gliders and innovation

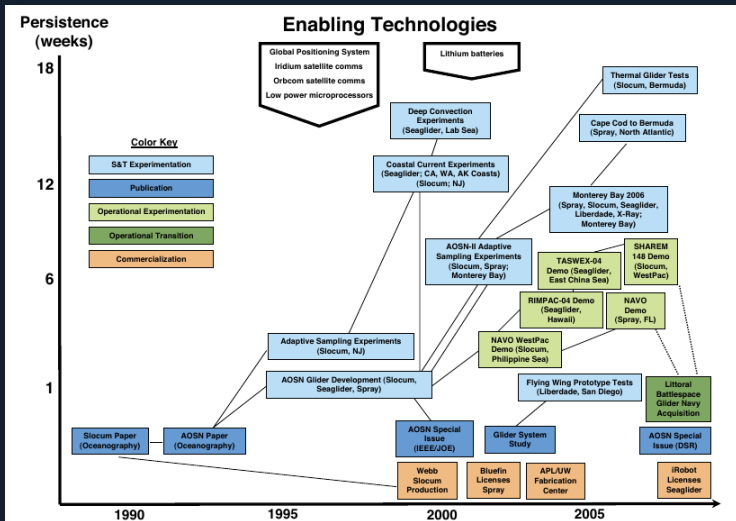
Industrial  
Leadership



Excellent  
Science

Societal  
Challenges

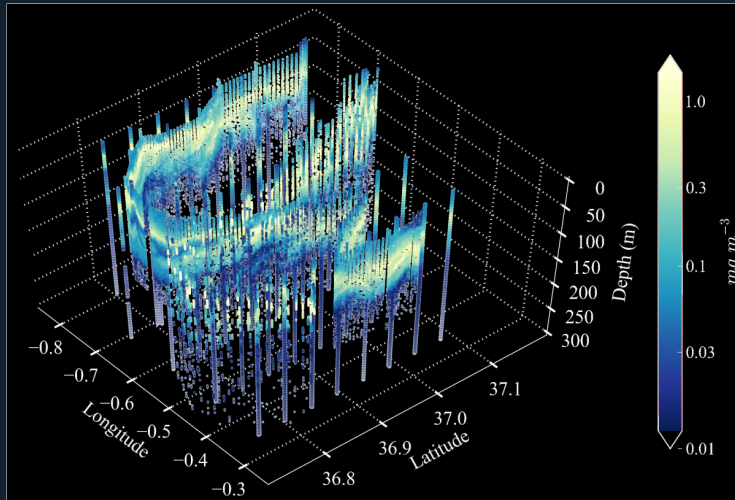
# Gliders and industry



From Curtin and Belcher (2008) Oceanography

# Gliders and science

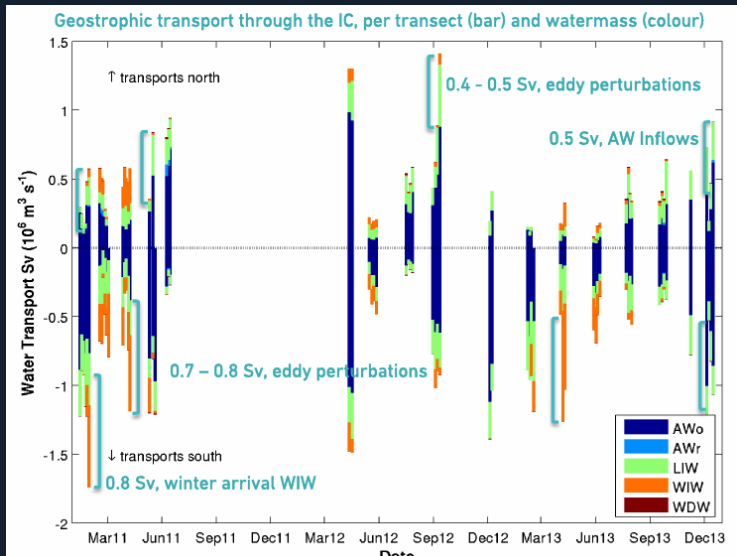
## Mesoscale, submesoscale, vertical motions





# Gliders and science

## Variability at choke points



# Gliders and society

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<http://www.followtheglider.com/>

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# Gliders and society

<http://www.followtheglider.com/>

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# FOLLOW THE GLIDER

# EXPLORE

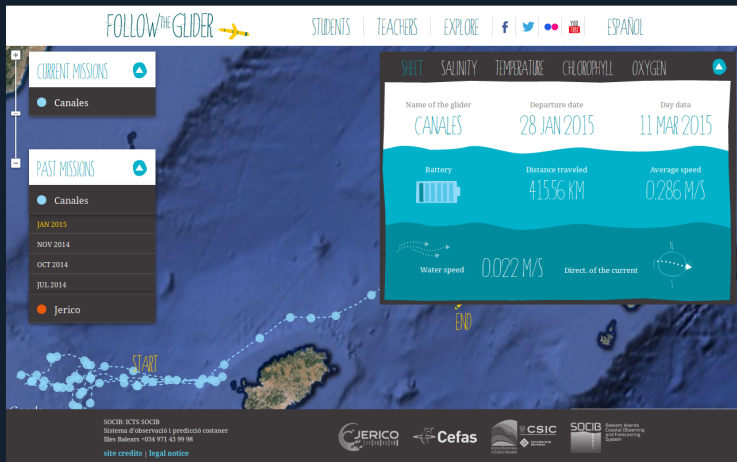
Where are our gliders today

DISCOVER THE OCEAN'S SECRETS WITH UNDERWATER GLIDERS

SOCIB: ICTS SOCIB  
Sistema d'observació i predicció costaner  
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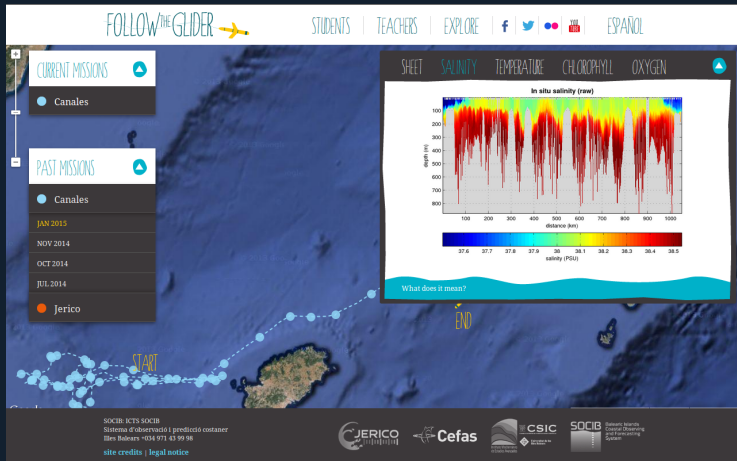
# Gliders and society

<http://www.followtheglider.com/>



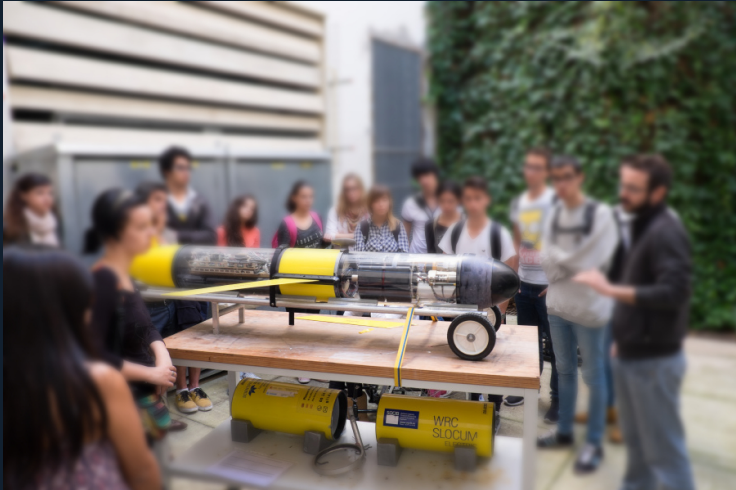
# Gliders and society

<http://www.followtheglider.com/>



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# SOCIB gliders in 2015

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**8 missions**

# SOCIB gliders in 2015

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260 days in water

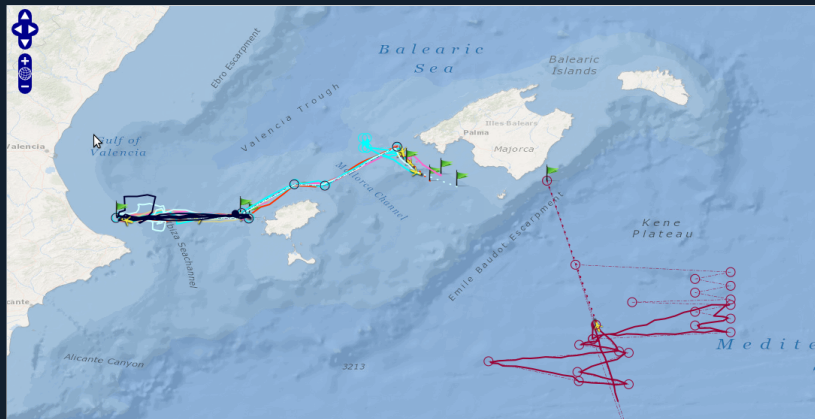


# SOCIB gliders in 2015

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**30 euros / profile**

# SOCIB gliders in 2015



# SOCIB gliders today

