

The Pi-Mep data portal is available to anyone using a relatively recent web browser without need to login
<http://pimep.oceandatalab.com/> (Figure 1)

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**Warning !** If the portal won't load you might need to empty your cache or follow instructions :

<https://www.thesslstore.com/blog/clear-hsts-settings-chrome-firefox/>

The portal is temporarily on OceanDataLab server but is accessing data at ifremer that prevents us to use https protocol, so if you have been on the previous version of the portal using https, your browser remembers it and may cause this error.

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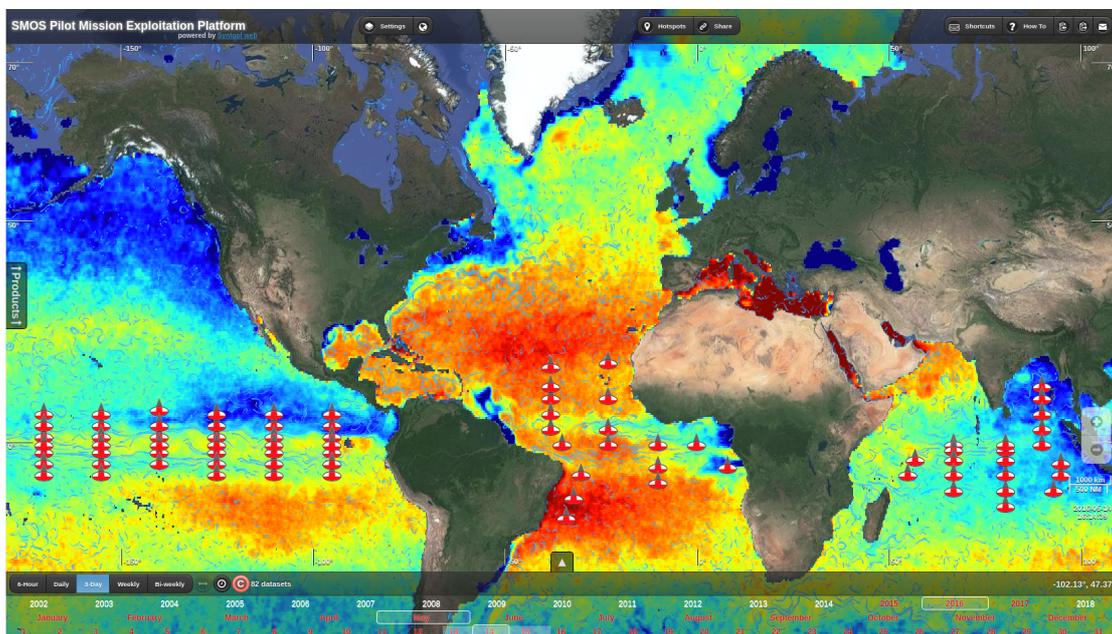


Figure 1 : Pi-Mep data portal interface

The selection or products to be displayed is controlled by the left "Products" Menu (Figure 2). The date and time selection is controlled by the Lower Banner (timeline). The mouse scroll controls zoom levels while on the map and time while on the timeline. Dates when selected products are available appear in white, or grey otherwise. When activating the colocation trigger ©, dates when all selected products are available within the time range and the visible map area appear in red.

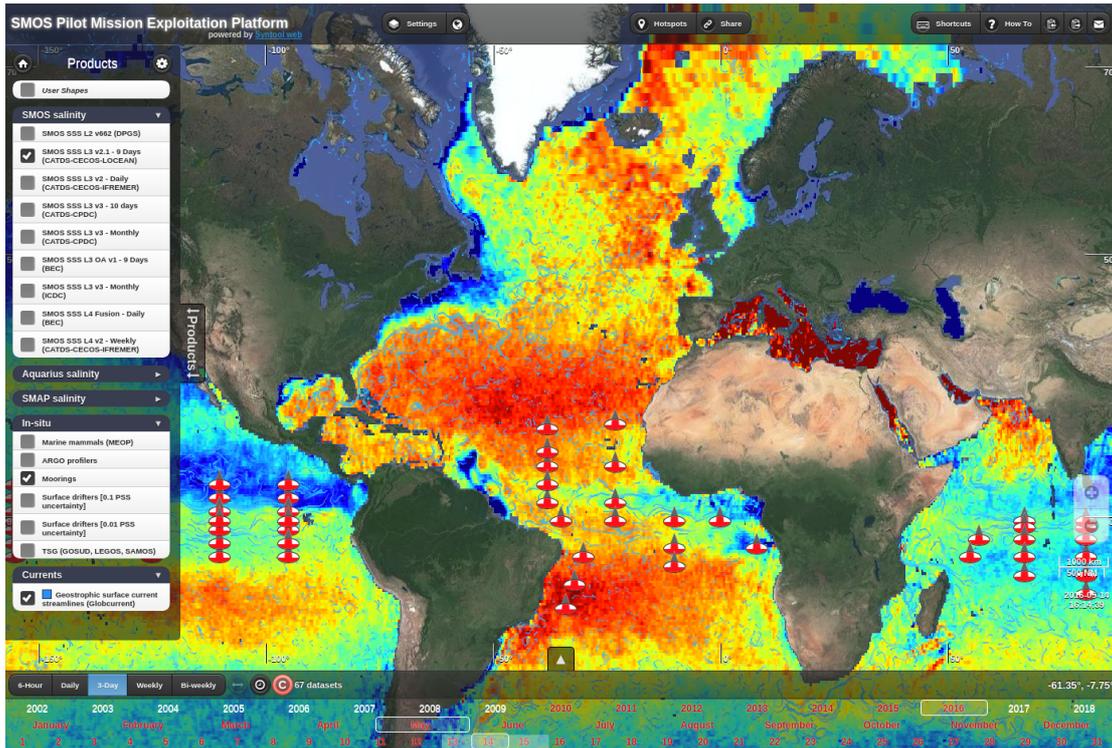


Figure 2 : Product list toolbar of the Pi-Mep data portal

This interface is meant to be intuitive with tooltips available when overing buttons and can also be controlled using Keyboard “Shortcuts” detailed in the Top Menu Banner. Herefter the main functionalities :



The “Settings” menu (Figure 3) can be used to control transparency, layer ordering, colorbars, and advanced filters. The “Share” button generates a short URL permalink that can be used to share the same view of the portal to somebody else. From the top banner one can also send some feedback or change the background map from satellite imagery to maps.

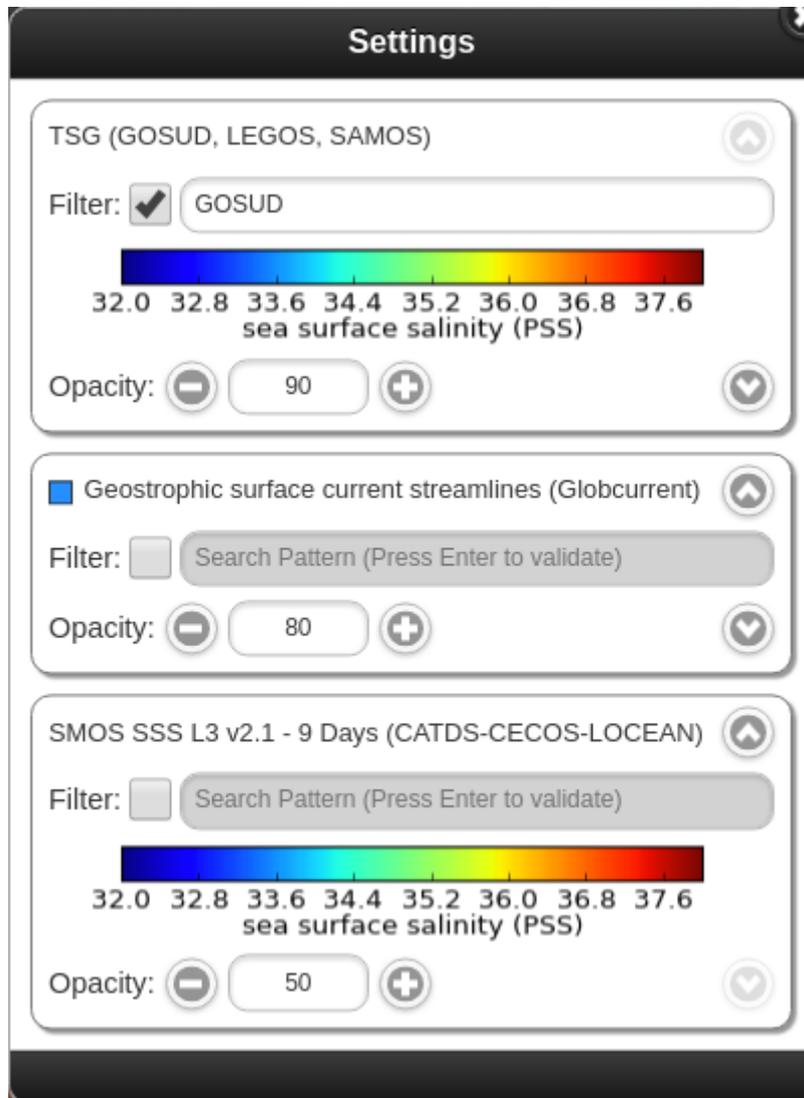


Figure 3 : colorbar, transparency, dataset name filtering, layer ordering available from "Settings" in the upper menu bar

When selecting drifters or TSG products, one day of trajectory is shown depending on the selected date in the bottom banner timeline, if the time range is smaller than daily, the time window is highlighted with a thicker line with a diamond shape indicating the position of the drifter/ship at the selected time (Figure 4). A simple mouse clic on a given drifter trajectory, as any other products, can be used to select it and thereby displaying it's dataset name (Figure 5)

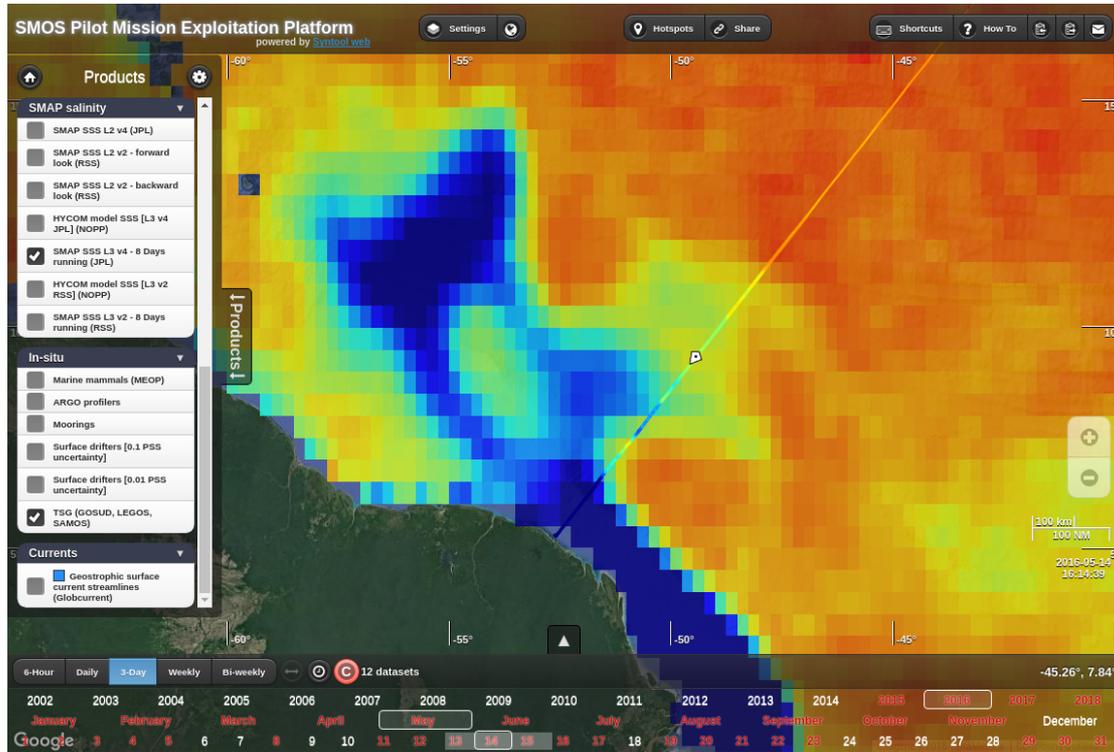


Figure 4 : zoom in the Amazon plume region with TSG trajectory on SMAP SSS L3 V4 product.

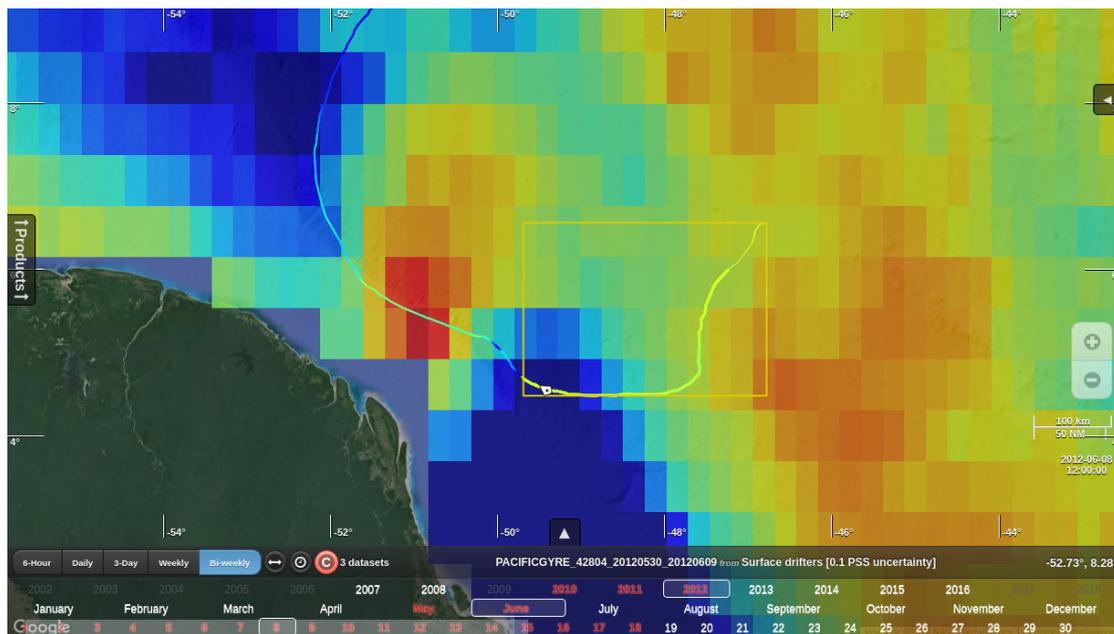


Figure 5 : dataset name highlight upon selection by clicking on any dataset on the map.

The “Hotspots” Menu allow to go quickly to some predefined interesting cases (Predefined hotspots if any), or to save the portal state to come back to it at a later time (local hotspots). Creation of local hotspot is as easy as typing a name for this hotspot and clicking on “Create”. Any hotspot can be share using the button at the right side of each hotspot line (see Figure 6)

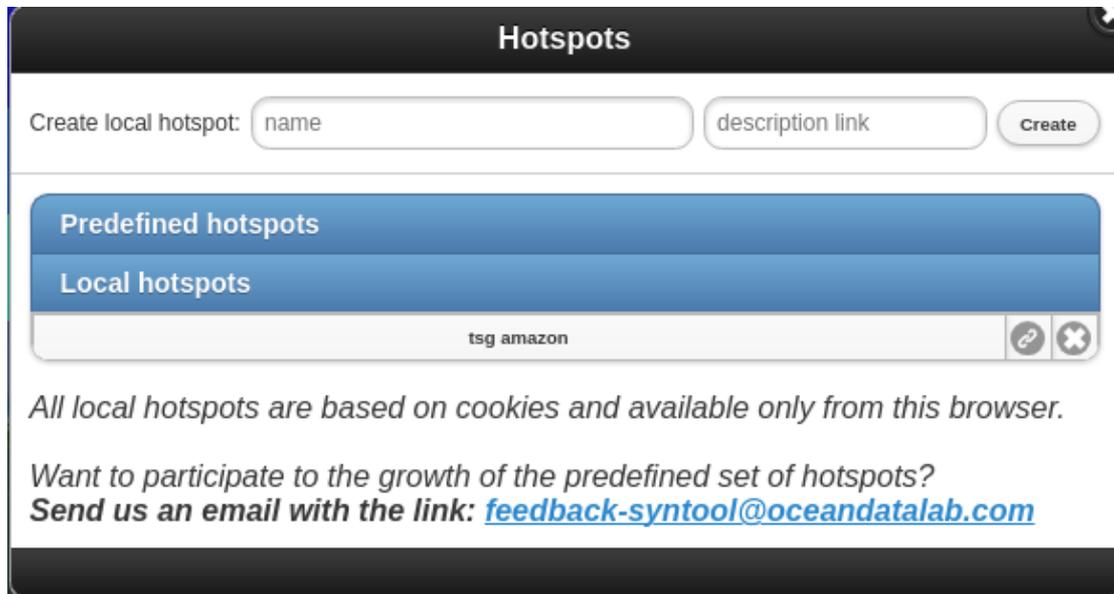


Figure 6 : Hotspots menu