

Data archeologie

- Possible option that during the next GLOSS meeting a session will be focused on this activity. (Workshop framework)
- Thorkild Aarup IOC at secretariat thinks IHO member participation would be a good thing.
- There is a strong recommendation (from more and more Services, EU) to pay attention to this exercise.
 - Interest for climate science. leur intérêt pour les sciences du climat.
 - Data rescue
 - And more

Open issue : Data rescue

Shom task : 10^3 documents digitized with the help of governmental funds allocated in the category of “Investments for future”.

$\sim 2 \cdot 10^5$ documents gathered over the last 300 years.

8% digitized so far.

Rescue, share and design a specific internationally dedicated program to increase digitization.

Long term datasets study and provide info, same time. Potential for cooperation NSHC TWG and TWCWG common actions.

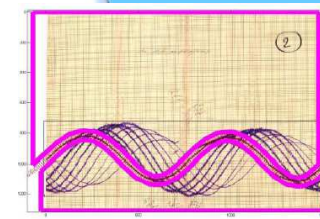


From old paper
tidal data

Inventory

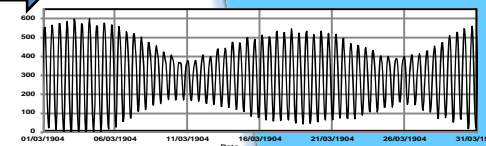


Scanning
process



Signal
extraction

Digital signal ready to be used



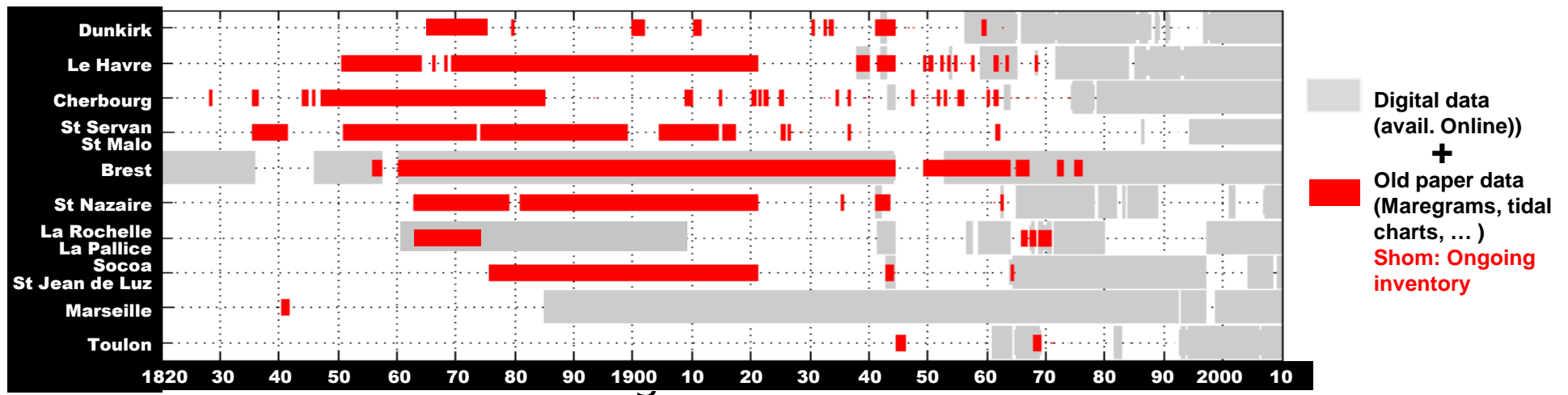
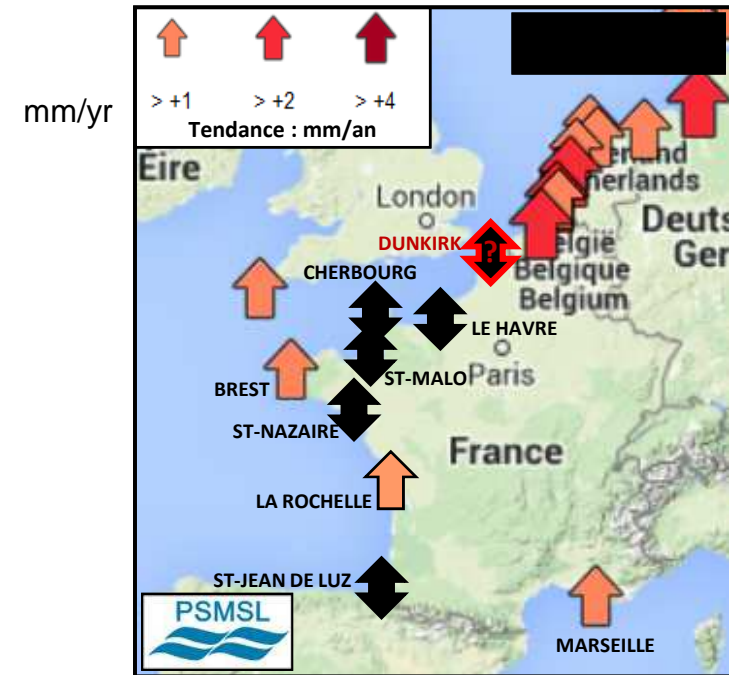
to digital
information

Contact : Yann.Ferret@shom.fr

Open issue : Data rescue

Data rescue aims to :

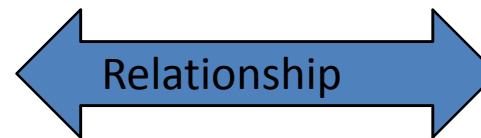
- Preserve the historical scientific heritage.
- Improve the knowledge on trends in sea level components and on the coast vulnerability
- Identify and study the extreme sea level surges



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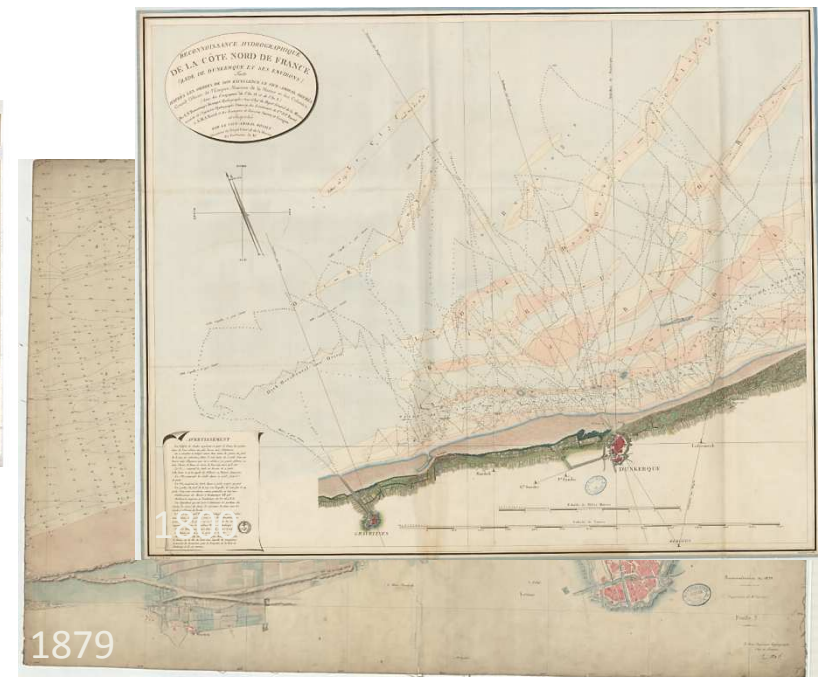
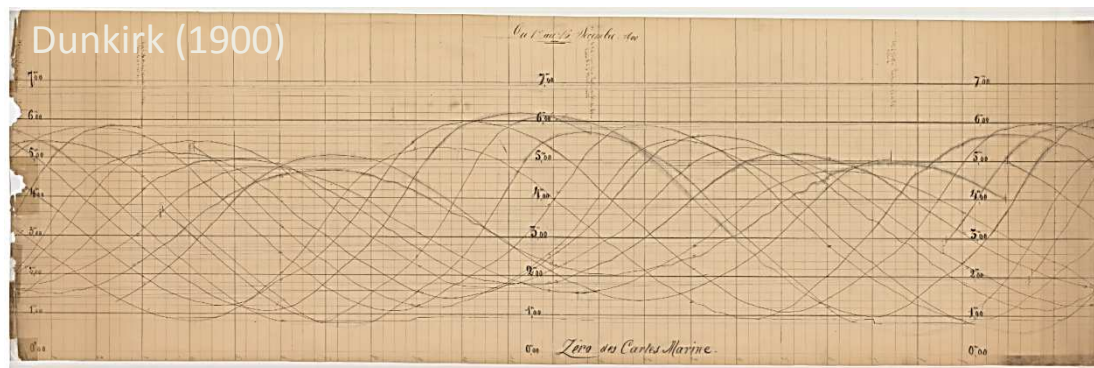
Data rescue

- Ongoing PhD thesis ULCO/Shom (2017-2020) about Northern France coastal evolution
- In Dunkirk, Boulogne-sur-mer and Calais : 780 old paper data (tidal charts and handwritten ledger)
- Data available since 1700 for Dunkirk ; 1835 for Boulogne-sur-mer and Calais



Evolution of the coastal zone

Reconstruction of sea level changes in Northern France for the past 300 years



Contact : alexa.latapy@mel-etu.univ-littoral.fr

Open issue : Data rescue

If you are interested in participating in such a project, please inform us if you have old documents like maregrams, gauje charts, old coast maps, manuscript maps.

If so, have you evaluated (please give a detailed description)

- The number,

- The type, (map, maregrams..)

- The age

- The possibility to use the data in comparison with the actual ones (ex maregrams, coastline)

Have you started the digitization process..?

Do you have documents from other countries ?

-Number, -Type, (map, maregrams..), -Age, -Possibility to use the data in comparison with the actual ones (ex: maregrams, coastline)

Shom contact : Corine.Lochet@shom.fr