



# From novels to fact sheets

- For the elementary school students-





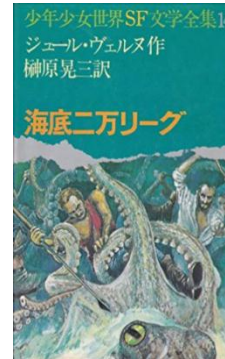
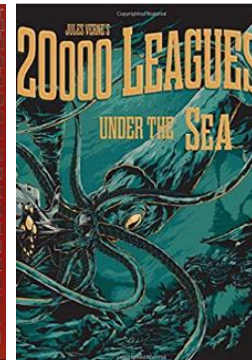
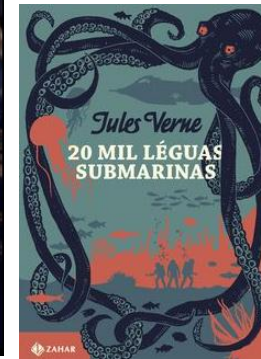
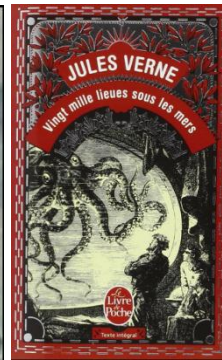
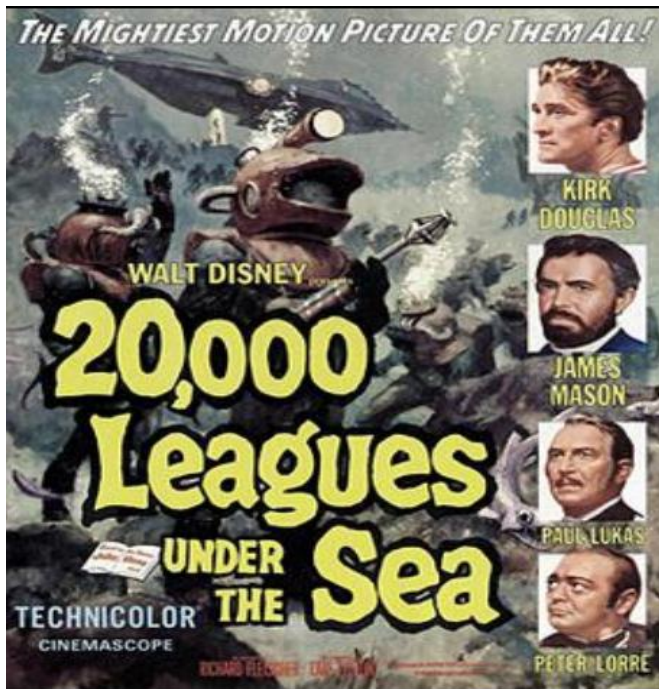
**His name is Jules Verne**



**Who is he?**

**Novelist**

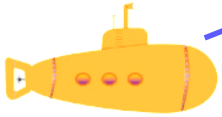




This novel was produced movie in 1954. And it has been translated into various languages such as English, German, Korean, Spanish, and Japanese.

# “20,000 leagues under the sea”

This is the story of Dr. Aaronax and his assistant Conseil exploring the seabed through the secret Nautilus.



**Nautilus** : It is a secret submarine. Length about 70m, width about 8m. It is very fast and hard.



**Captain Nemo** : He is the captain of Nautilus. He is an enigmatic figure.

**Dr. Aaronax** : He is a French Scientist. He studies marine life and nature. He was distressed while he was tracking Nautilus. He is rescued by Captain Nemo and has various experiences on board the Nautilus



**Conseil** : He is Dr. Aaronax assistant. He was distressed while he was tracking Nautilus with Dr. Aaronax. He is rescued by Captain Nemo and had various experiences on board the Nautilus





# What a League?

*1 League*



*4 Kilometers*

**Did Nautilus navigate  
20,000 Leagues deep?**

**80,000 kilometers!**





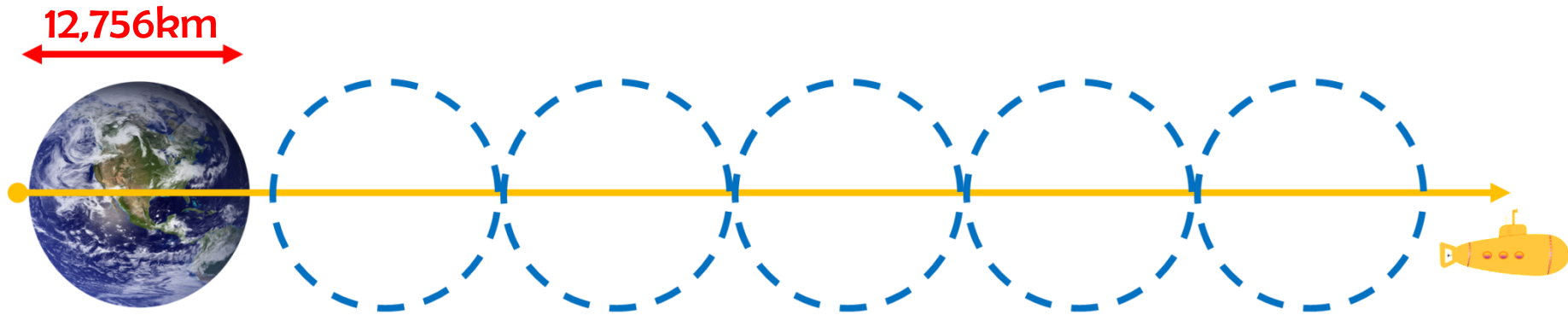
# The Earth



Diameter : 12,756km



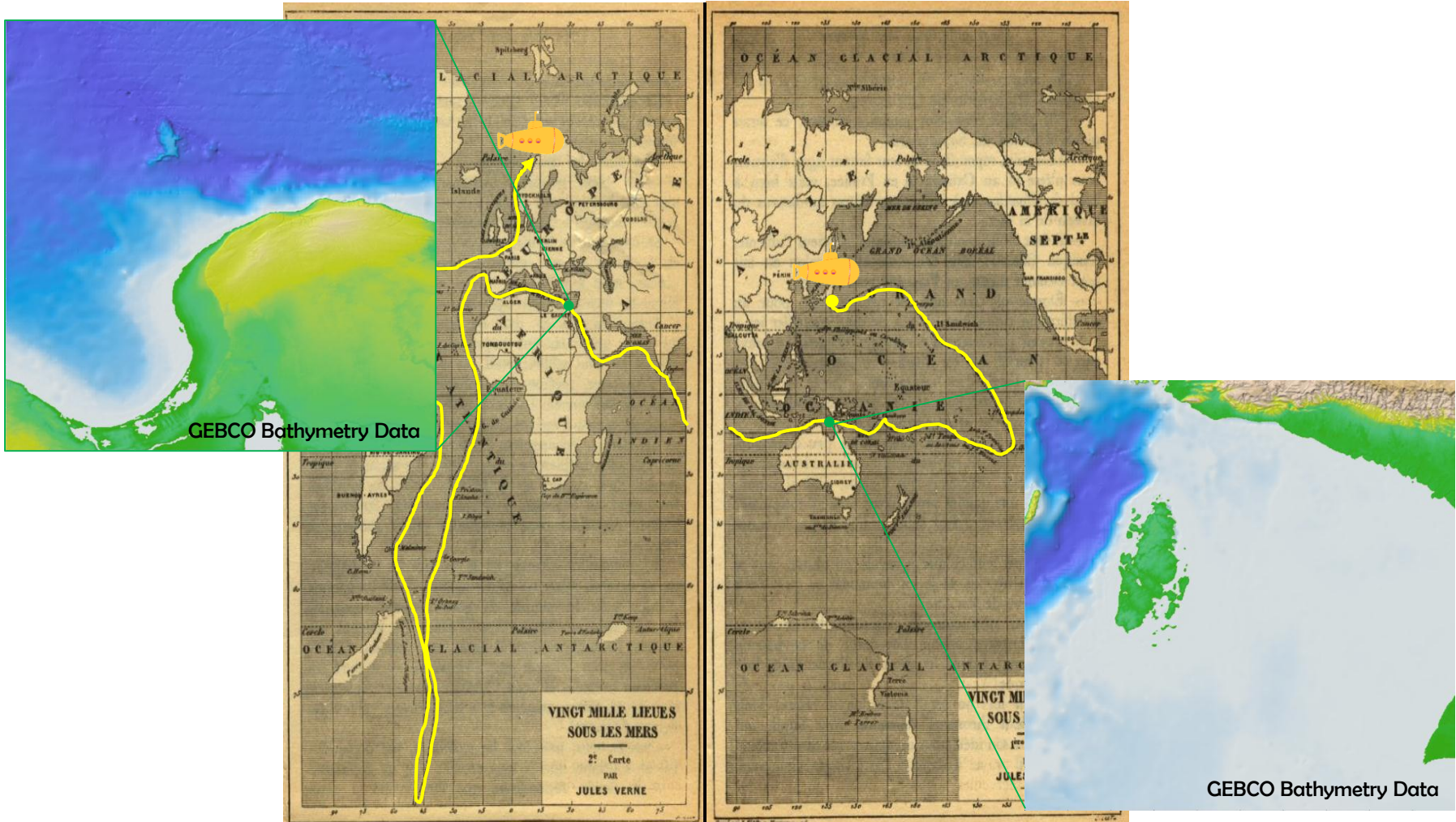
She must have penetrated the earth  
and go far away.



So 20,000 leagues can not a depth!  
It was the distance of navigating.



Here are diagrams for the Nautilus's navigating routes.





I several times mentions  
Commander [Matthew Fontaine Maury](#),  
"Captain Maury" in my book, a real-life  
oceanographer who explored the winds,  
seas, currents, and collected samples of the  
bottom of the seas and charted all oceans.



**How could** **write the novel?**

Matthew Maury

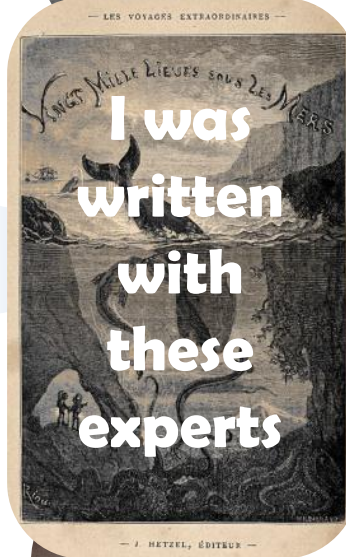


I am [Matthew Fontaine Maury](#). I am a real-life oceanographer who explored the winds, seas, currents, and collected samples of the bottom of the seas and charted all oceans.

I am [Jean-François de Galaup, comte de Lapérouse](#). I am a famous explorer who was lost while circumnavigating the globe.



Francois de Galaup



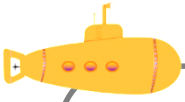
Dumont D'Urville

I am [Dumont D'Urville](#). I am the explorer who found the remains of Lapérouse's ship.

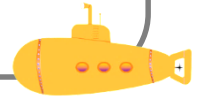
I am [Ferdinand Lesseps](#), builder of the Suez Canal and the nephew of the sole survivor of Lapérouse's expedition.



Ferdinand Lesseps



The *Nautilus* seems to follow the footsteps of these men: she visits the waters where Lapérouse was lost; she sails to Antarctic waters and becomes stranded there, just like D'Urville's ship, the *Astrolabe*, and she passes through an underwater tunnel from the Red Sea into the Mediterranean.



**There were many  
scientists and explorers  
before the wonderful novelist?**



# General Bathymetric GEBCO Chart of the Oceans



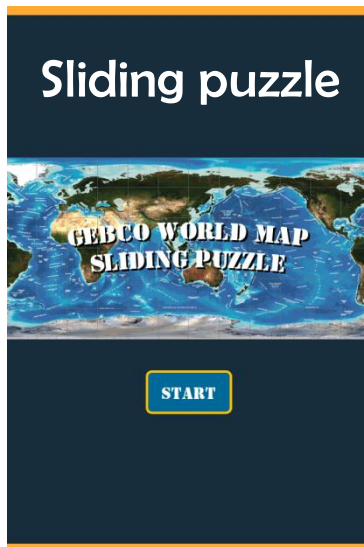
International Hydrographic Organization  
International Oceanography Commissions





You can download materials on factsheets and educational material on under the sea.

**gebco.net/outreach**



We are expecting  
more fantastic  
novelists, scientists and explorers  
than  
Jules Verne  
based on seabed data

