



# The Seven Principles of Ocean Literacy

Did you know the ocean all around us is essential to all life on Earth, including you and me? Let's learn about the importance of the seas for sustaining life on this blue planet we call Earth at the Hong Kong Maritime Museum, and become champions for looking after the world's ocean.

1



## The Earth has one big ocean with many features

For example, the ocean has very long distance water currents which bring wildlife, minerals, heat and other marine materials from place to place, allowing life to mix and thrive.

2



## The ocean and life in the ocean shape the features of the Earth

Roughly half of the oxygen on Earth comes from the ocean. Without the ocean and marine life that produces oxygen, the atmosphere and many other features of the Earth would be completely different.

3



## The ocean is a major influence on weather and climate

The global rise of sea water temperature has caused more extreme weather everywhere, such as the super typhoons and extreme flooding which we have been experiencing in Hong Kong.

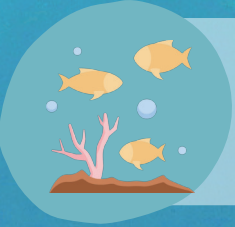
4



## The ocean makes the Earth habitable

The ocean is the origin of Earth's life forms. It provides the essential environment and materials for life to rise and flourish. Without the ocean, there would be no life on the land.

5



## The ocean supports a great diversity of life and ecosystems

More than half of the organisms on Earth live in the sea! Hong Kong alone has more than 5,000 different marine species; around 25% of all the recorded marine species in China.

6



## The ocean and humans are inextricably interconnected

More than 80% of all the goods traded internationally are carried by ships at sea. Very many of your own belongings have probably travelled across the ocean before meeting you!

7



## The ocean is largely unexplored

Over 80% of the ocean is still unexplored and only around 10% of marine species have even been identified. Even in Hong Kong, we discover new marine species every several years.

Everyone should know the Seven Principles of Ocean Literacy.  
Read them! Learn them! Share them!



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# 海洋素養七大原則

你知道海洋與地球所有生命，包括你和我，息息相關嗎？  
讓我們透過香港海事博物館了解海洋對於地球上所有生命的重要性，並成為海洋的守護者。

1



## 地球擁有一個具有眾多特徵的海洋

例如海洋環流會將海洋生物、礦物質、熱量和其他海洋物質帶到不同地方，令到不同海洋生物能在不同地方蓬勃生長。

2



## 海洋及海洋中的生命塑造了地球的特徵

地球上大約一半的氧氣來自海洋。如果沒有海洋及能夠製造氧氣的海洋生物，地球的大氣層和許多其他的特徵將完全不同。

3



## 海洋對天氣和氣候有重大影響

全球海水溫度上升導致世界各地出現更多極端天氣，例如香港面臨的超強颱風和極端暴雨。

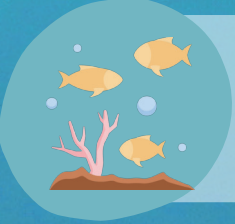
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## 海洋使地球變得適宜居住

海洋是地球生命的起源。它為生命的萌芽和潤澤提供了必需的環境和物質。沒有海洋，地球上就不會有人類或其他生命。

5



## 海洋支持生命和生態系統的多樣性

據估計，全球有一半以上生物皆生活在海裡！香港海域以內已存在超過5,000種海洋生物，約佔全中國已有記錄海洋生物種類中的25%。

6



## 海洋與人類息息相關

超過80%的國際貿易是透過海運運輸。我們生活上許多日常用品也是經海運運輸才到達我們手中。

7



## 大部分海洋尚未被開發

據估計超過80%的海洋尚未開發，而只有10%的海洋生物被科學家描述或正式記錄。即使在香港，每隔數年就會有科學家發現新海洋物種。

人人都應該要知道海洋素養七大原則。  
請多閱讀、學習、分享！



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