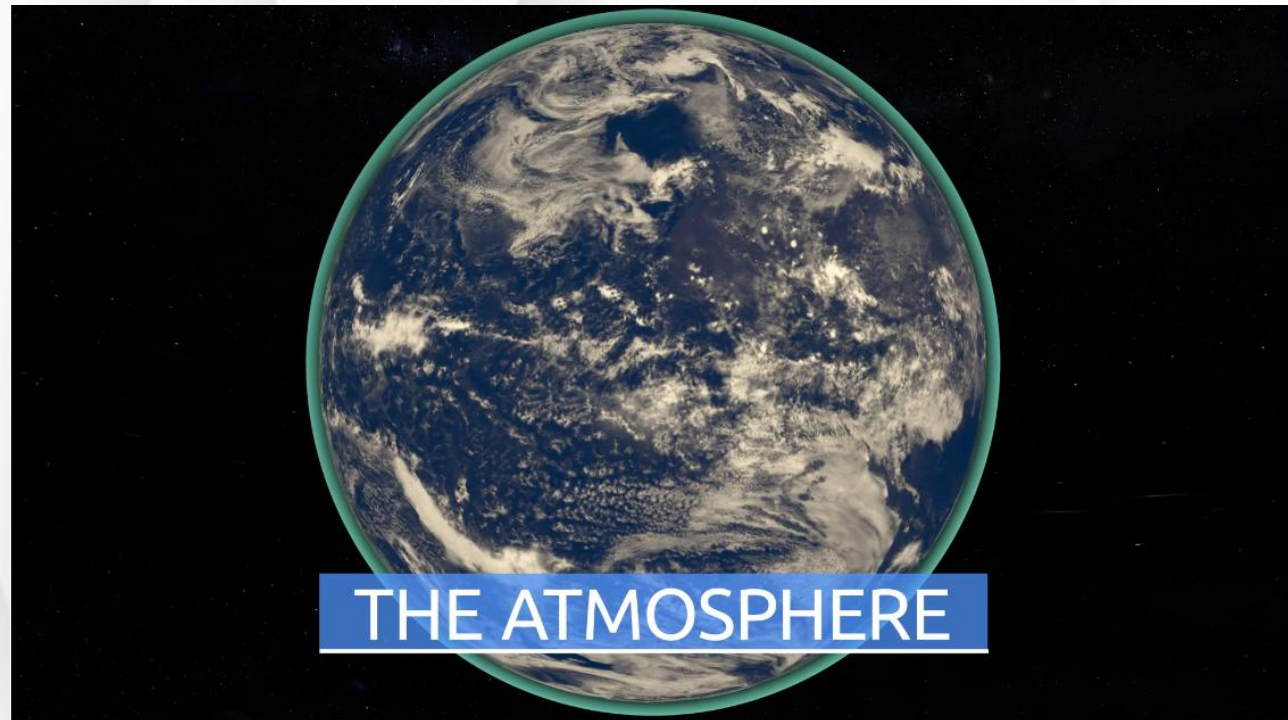




Air & Wind

空气和风

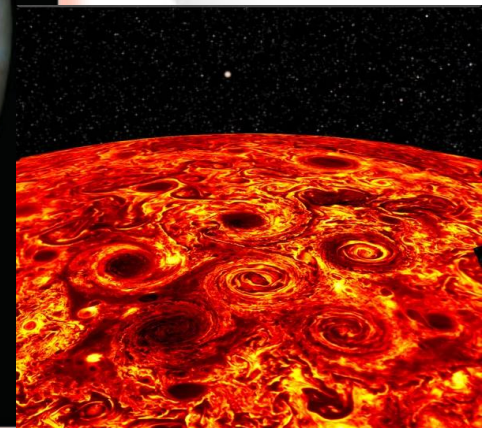
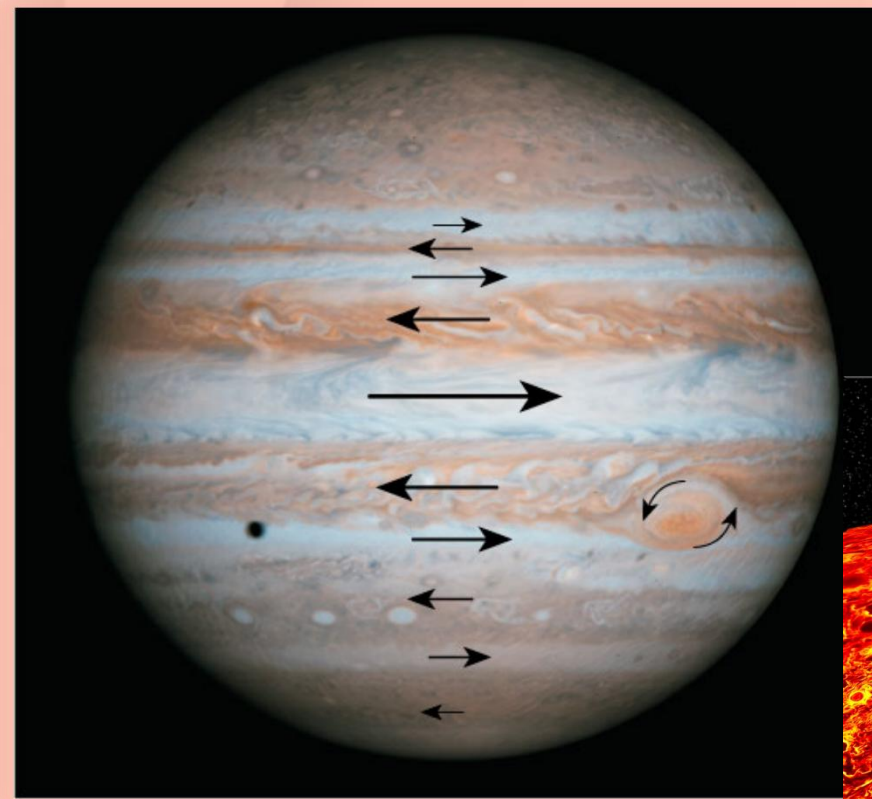
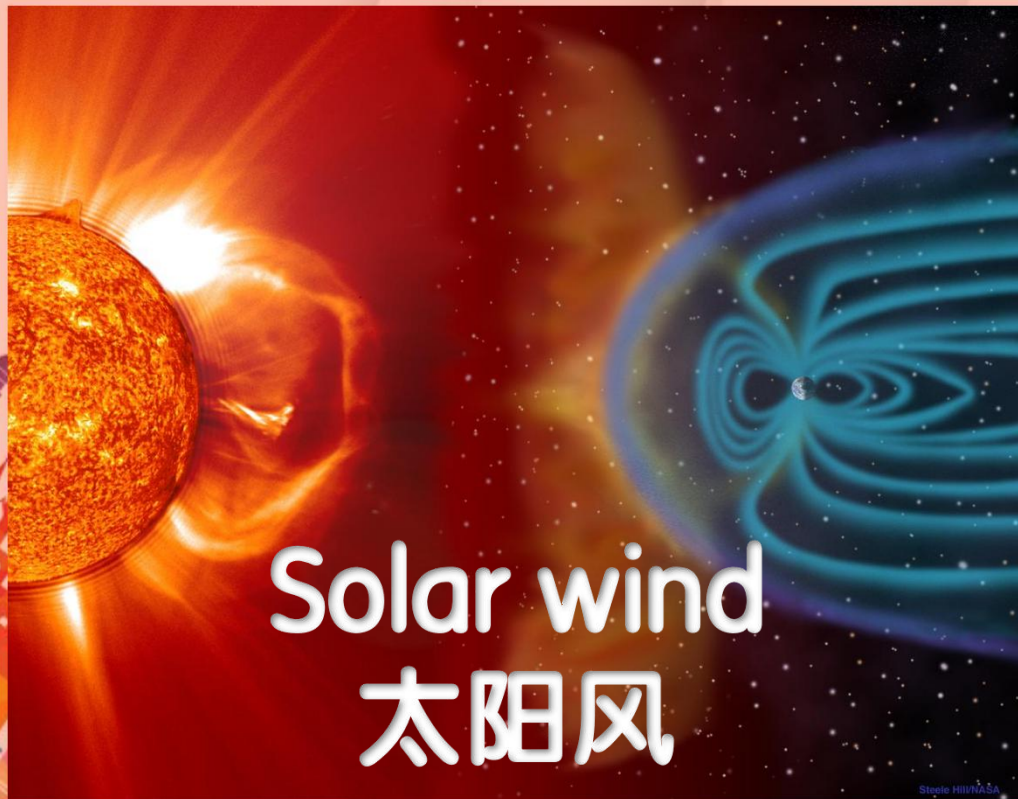
Where is the air?



<https://youtu.be/G4Zla3qkFkl>

Air movement formates WIND

空气运动就形成了风



你会如何描述
看不见的“风”？



风

（唐·李峤）

解落三秋叶，
能开二月花。
过江千尺浪，
入竹万竿斜。

An artistic illustration of an autumn scene. It features several trees with dense, golden-yellow foliage. A path or stream winds through the trees, reflecting the warm colors. Numerous orange and yellow leaves are shown in various stages of falling, some large and detailed, others smaller and more abstract. The overall style is soft and painterly, with a focus on the vibrant colors of the season.

It causes autumn leaves to fall,

风

（唐·李峤）

解落三秋叶，
能开二月花。
过江千尺浪，
入竹万竿斜。

And spring flowers to blossom.



风

（唐·李峤）

解落三秋叶，
能开二月花。
过江千尺浪，
入竹万竿斜。

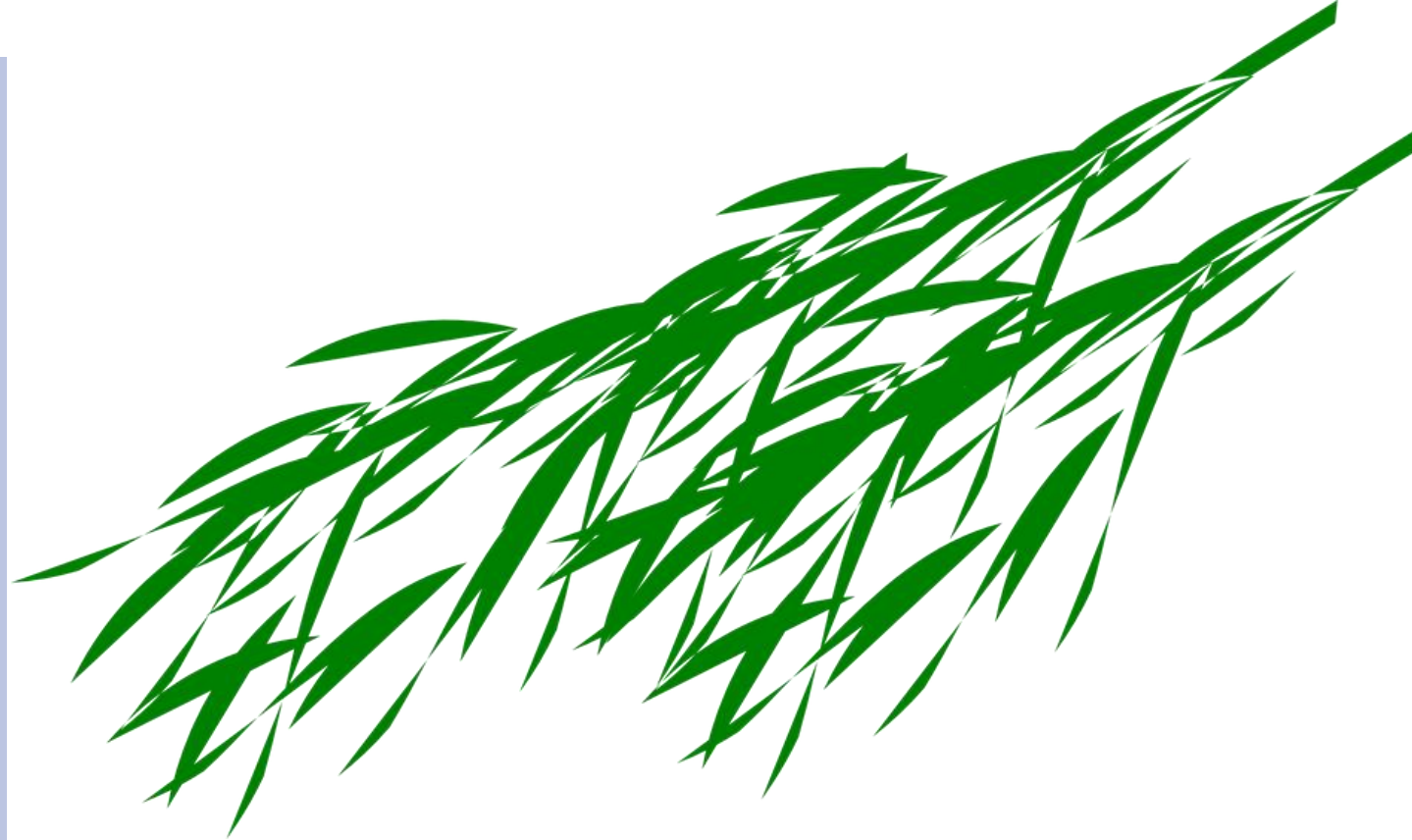


**Passing the river,
a thousand feet of waves
would rise,**

风

（唐·李峤）

解落三秋叶，
能开二月花。
过江千尺浪，
入竹万竿斜。



Going through
the bamboo forest,
myriad stems would bow down.



秋天落叶

春花盛开

竹林弯腰

浪花朵朵



How can we know the wind?



The wind itself is invisible.



We can chase the wind from **other things.**

看不见的风启发了
人的无限想象。



Who Has Seen the Wind?

By Christina Rossetti

Who has seen the wind?
Neither I nor you:
But when the leaves hang trembling,
The wind is passing through.

Who has seen the wind?
Neither you nor I:
But when the trees bow down their heads,
The wind is passing by.

Source: The Golden Book of Poetry (1947)

有谁见过风

翻译 姒玉明

有谁见过风？
你没有，我也没有
当树叶招手，
那是微风拂过。

有谁见过风？
你没有，我也没有
当树枝点头，
那是劲风吹过。



The Wind

Written by Robert Louis Stevenson



翻译 姒玉明

I saw you toss the kites on high
And blow the birds about the sky;
And all around I heard you pass,
Like ladies' skirts across the grass--
O wind, a-blowing all day long,
O wind, that sings so loud a
song!

我见你把风筝抛向天空，
吹得鸟儿展翅随风舞动；
四周可闻你跑动的声息，
像姑娘的裙子拂过草地。
风啊，你整天不停地欢唱，
风啊，你的歌声多么响亮！



The Wind

Written by Robert Louis Stevenson

I saw you toss the kites on high
And blow the birds about the sky;
And all around I heard you pass,
Like ladies' skirts across the grass--
O wind, a-blowing all day long,
O wind, that sings so loud a song!

I saw the different things you did,
But always you yourself you hid.
I felt you push, I heard you call,
I could not see yourself at all--
O wind, a-blowing all day long,
O wind, that sings so loud a song!

O you that are so strong and cold,
O blower, are you young or old?
Are you a beast of field and tree,
Or just a stronger child than me?
O wind, a-blowing all day long,
O wind, that sings so loud a song!

What is the application of wind?



<https://youtu.be/zd5uDlfDwgc>

热气球旅行

Hot Air Balloon



<https://youtu.be/QGAMTII6XxY>

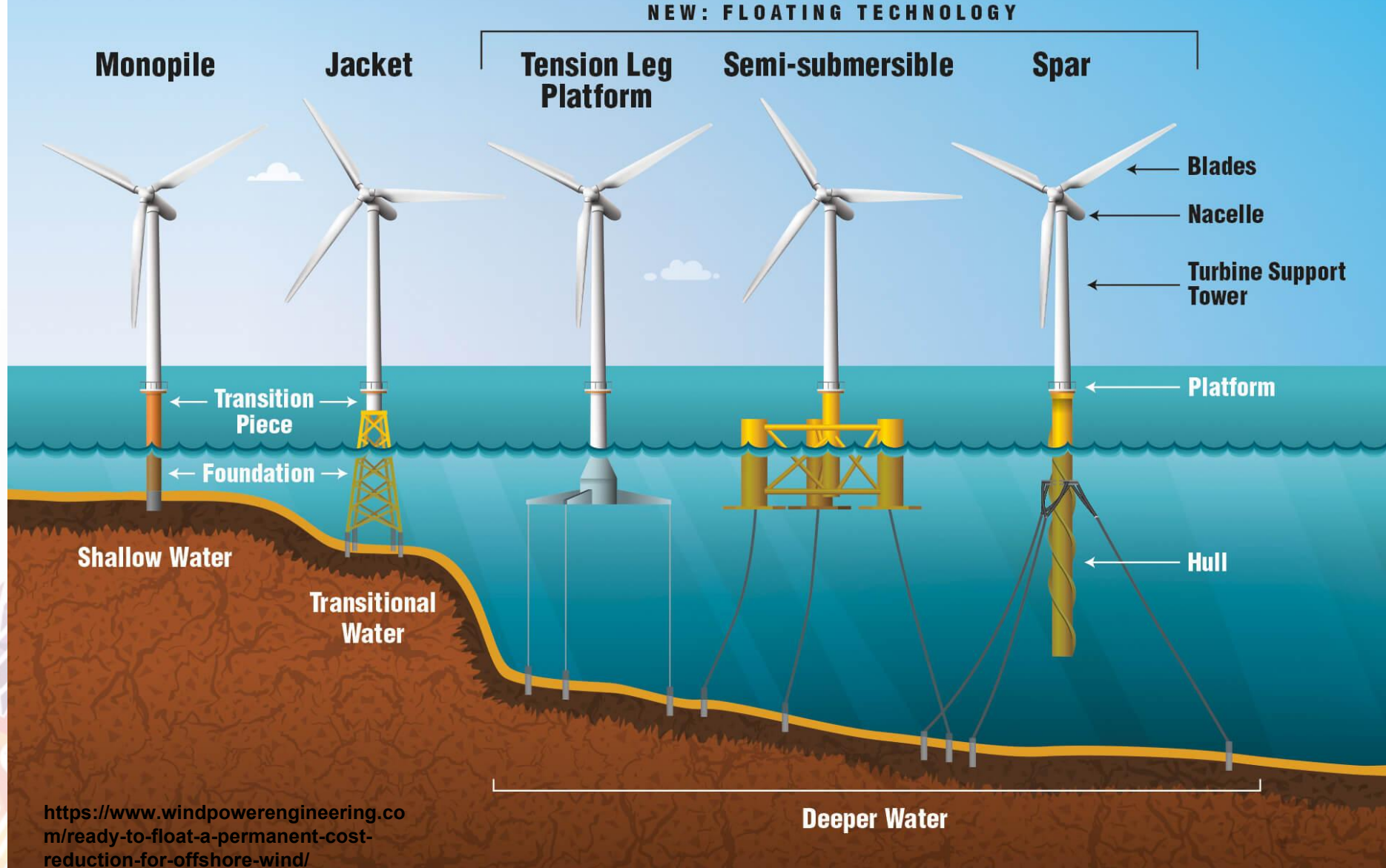
风力发电



https://youtu.be/qSWm_nprfqE



Offshore Wind Turbine Structures



<https://www.windpowerengineering.com/ready-to-float-a-permanent-cost-reduction-for-offshore-wind/>

Wind turbines in Wind farm



<https://scienceexchange.caltech.edu/topics/sustainability/wind-energy/advantages-disadvantages>

<https://youtu.be/MVHzfUWu2n>

<https://techxplore.com/news/2017-01-turbine-hummingbird.html>