

How much of
the world's
oxygen is
produced
by the
ocean?



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**Over 50%,
mainly
produced by
phytoplankton
through
photosynthesis**



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What role does
the ocean play
in regulating
Earth's
climate?



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**It absorbs
around 90% of
excess heat
from global
warming and
redistributes it
through
currents.**



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Why is phytoplankton important for life on Earth?



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**Because it
produces over
50% of the
planet's
oxygen,
absorbs CO₂,
and forms the
base of much
of the marine
food chain.**



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How many
people depend
on the ocean for
their livelihood?



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**Around 600
million people
depend on
fisheries and
ocean-based
industries.**



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What is the
ocean's role in
the water cycle?



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**It drives
evaporation,
cloud
formation, and
rainfall,
regulating
global weather
systems.**



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How do marine ecosystems protect coastal communities?



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**Coral reefs,
mangroves,
and seagrasses
reduce wave
energy and
prevent
flooding and
erosion.**



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Why is the
ocean
important for
medicine?



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**Marine
organisms
provide
compounds
used in
treatments for
cancer,
infections, and
other diseases.**



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What
percentage of
the ocean has
been explored?



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**Less than 10%,
meaning much
of it remains
unknown.**



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Why is the ocean essential for life on Earth?



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**It regulates
climate,
produces
oxygen, stores
carbon, and
supports
biodiversity
and human
life.**



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