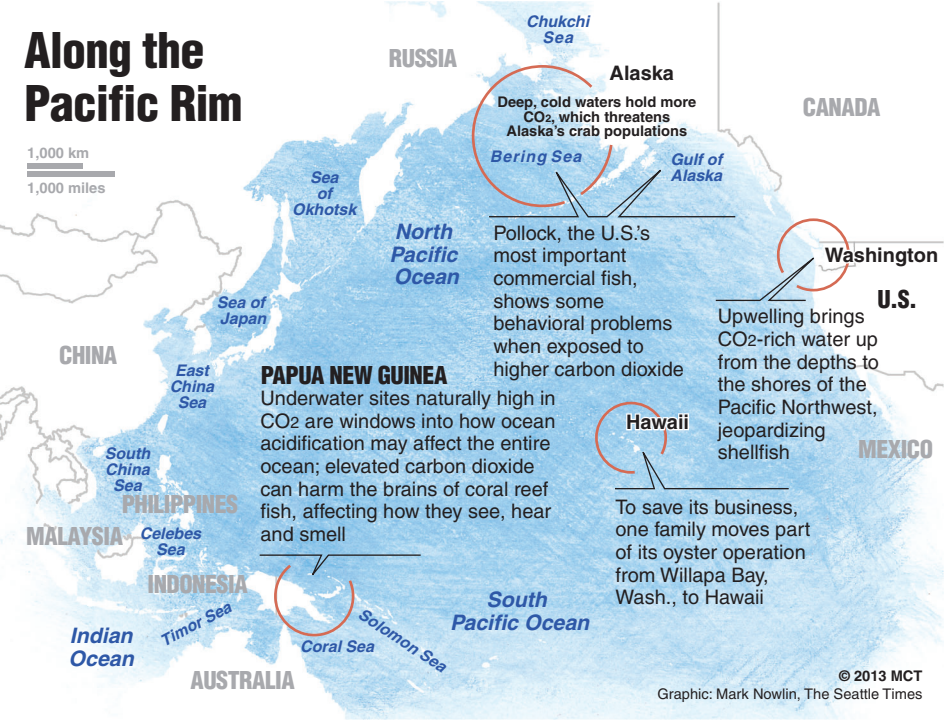


# Along the Pacific Rim

1,000 km  
1,000 miles



RUSSIA

Chukchi Sea

Alaska

Deep, cold waters hold more CO<sub>2</sub>, which threatens Alaska's crab populations

Bering Sea

Gulf of Alaska

CANADA

Sea of Okhotsk

North Pacific Ocean

Pollock, the U.S.'s most important commercial fish, shows some behavioral problems when exposed to higher carbon dioxide

Washington

U.S.

Upwelling brings CO<sub>2</sub>-rich water up from the depths to the shores of the Pacific Northwest, jeopardizing shellfish

MEXICO

CHINA

Sea of Japan

East China Sea

PAPUA NEW GUINEA

Underwater sites naturally high in CO<sub>2</sub> are windows into how ocean acidification may affect the entire ocean; elevated carbon dioxide can harm the brains of coral reef fish, affecting how they see, hear and smell

Hawaii

To save its business, one family moves part of its oyster operation from Willapa Bay, Wash., to Hawaii

South China Sea

PHILIPPINES

Celebes Sea

MALAYSIA

INDONESIA

Timor Sea

Solomon Sea  
Coral Sea

South Pacific Ocean

Indian Ocean

AUSTRALIA

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