



## PMEL Press Releases and NOAA News Stories FY09-FY14

### PMEL WIDE

Oceanographer named to head NOAA's Seattle research laboratory

[http://www.noaanews.noaa.gov/stories2011/20111018\\_pmel.html](http://www.noaanews.noaa.gov/stories2011/20111018_pmel.html)

### CLIMATE THEME – most recent releases and stories listed first

Carbon dioxide in the tropical Pacific Ocean is increasing faster than expected

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10499/Carbon-dioxide-in-the-tropical-Pacific-Ocean-is-increasing-faster-than-expected.aspx>

Climate models show carbon emission mitigation could slow Arctic temperature increases

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10423/Climate-models-show-carbon-emission-mitigation-could-slow-Arctic-temperature-increases.aspx>

Long-term warming and environmental change trends persist in the Arctic in 2013

[http://www.noaanews.noaa.gov/stories2013/20131212\\_arcticreportcard.html](http://www.noaanews.noaa.gov/stories2013/20131212_arcticreportcard.html)

NOAA research finds new way to identify which El Nino events will have biggest impact on U.S. winter weather

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/9987/NOAA-research-finds-new-way-to-identify-which-El-Ni241o-events-will-have-biggest-impact-on-US-winter-weather.aspx>

Black carbon larger cause of climate change than previously assessed

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10002/Black-carbon-larger-cause-of-climate-change-than-previously-assessed.aspx>

One in a million: NOAA ocean profilers hit new data transmission milestone

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10124/One-in-a-million-NOAA-ocean-profilers-hit-new-data-transmission-milestone.aspx>

NOAA, National Archives team up with citizen-scientists to reconstruct historical climate of the Arctic

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10150/NOAA-National-Archives-team-up-with-citizen-scientists-to-reconstruct-historical-climate-of-the-Arctic.aspx>

Arctic summer wind shift could affect sea ice loss and U.S./European weather, says NOAA-led study

[http://www.noaanews.noaa.gov/stories2012/20121010\\_arcticwinds.html](http://www.noaanews.noaa.gov/stories2012/20121010_arcticwinds.html)

Arctic nearly free of summer sea ice during first half of 21st century

[http://www.noaanews.noaa.gov/stories2013//20130412\\_arcticseaice.html](http://www.noaanews.noaa.gov/stories2013//20130412_arcticseaice.html)

Amount of coldest Antarctic water near ocean floor decreasing for decades

[http://www.noaanews.noaa.gov/stories2012/20120320\\_antarcticbottomwater.html](http://www.noaanews.noaa.gov/stories2012/20120320_antarcticbottomwater.html)

Arctic settles into new phase – warmer, greener, and less ice

[http://www.noaanews.noaa.gov/stories2011/20111201\\_arcticreportcard.html](http://www.noaanews.noaa.gov/stories2011/20111201_arcticreportcard.html)

Arctic Report Card: Region Continues to Warm at Unprecedented Rate

[http://www.noaanews.noaa.gov/stories2010/20101021\\_arcticreportcard.html](http://www.noaanews.noaa.gov/stories2010/20101021_arcticreportcard.html)

New NOAA Buoy to Help Close Gap in Climate Understanding South of Africa

[http://www.noaanews.noaa.gov/stories2010/20101214\\_arc.html](http://www.noaanews.noaa.gov/stories2010/20101214_arc.html)

NOAA joins international effort to track black carbon in the Arctic

[http://www.noaanews.noaa.gov/stories2011/20110418\\_blackcarbon.html](http://www.noaanews.noaa.gov/stories2011/20110418_blackcarbon.html)

Argo floats help monitor ocean acidity

[http://www.noaanews.noaa.gov/stories2011/20110902\\_oceanacidification.html](http://www.noaanews.noaa.gov/stories2011/20110902_oceanacidification.html)

Warm Arctic, Cold Continents: Changes in Arctic are Hitting Closer to Home

[http://www.noaa.gov/features/02\\_monitoring/warmarctic.html](http://www.noaa.gov/features/02_monitoring/warmarctic.html)

NASA/NOAA Study Finds El Ninos Growing Stronger

[http://www.noaanews.noaa.gov/stories2010/20100825\\_elnino.html](http://www.noaanews.noaa.gov/stories2010/20100825_elnino.html)

Ocean Stored Significant Warming Over Last 16 Years: Lyman and Johnson Nature paper

[http://www.noaanews.noaa.gov/stories2010/20100519\\_ocean.html](http://www.noaanews.noaa.gov/stories2010/20100519_ocean.html)

When it Comes to CO<sub>2</sub>, What Goes Up Isn't Always Coming Down

[http://www.noaanews.noaa.gov/stories2009/20091117\\_carbon.html](http://www.noaanews.noaa.gov/stories2009/20091117_carbon.html)

New NOAA Web Site Emphasizes Broader Impacts of Sea Ice Loss

[http://www.noaanews.noaa.gov/stories2010/20100316\\_arcticfuture.html](http://www.noaanews.noaa.gov/stories2010/20100316_arcticfuture.html)

Annual Arctic Report Card Shows Stronger Effects of Warming

[http://www.noaanews.noaa.gov/stories2008/20081016\\_arcticreport.html](http://www.noaanews.noaa.gov/stories2008/20081016_arcticreport.html)

Network of Research Buoys in Indian Ocean to Improve Monsoon Prediction

[http://www.noaanews.noaa.gov/stories2009/20090504\\_indianoceanbuoys.html](http://www.noaanews.noaa.gov/stories2009/20090504_indianoceanbuoys.html)

Ice-Free Arctic Summers Likely Sooner Than Expected

[http://www.noaanews.noaa.gov/stories2009/20090402\\_seaice.html](http://www.noaanews.noaa.gov/stories2009/20090402_seaice.html)

### **MARINE ECOSYSTEMS – most recent releases and stories listed first**

NOAA-led study shows Alaska fisheries and communities at risk from ocean acidification

[http://www.noaanews.noaa.gov/stories2014/20140729\\_oceanacidification.html](http://www.noaanews.noaa.gov/stories2014/20140729_oceanacidification.html)

NOAA and partner scientists study ocean acidification in Prince William Sound

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10648/NOAA-and-partner-scientists-study-ocean-acidification-in-Prince-William-Sound.aspx>

NOAA-led researchers discover ocean acidity is dissolving shells of tiny snails off the U.S. West Coast

[http://www.noaanews.noaa.gov/stories2014/20140430\\_oceanacidification.html](http://www.noaanews.noaa.gov/stories2014/20140430_oceanacidification.html)

\$2 million Wendy Schmidt Ocean Health XPRIZE Launched

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10260/2-million-Wendy-Schmidt-Ocean-Health-XPRIZE-Launched.aspx>

A more acidic Arctic? NOAA deploys first buoy in region to monitor levels of CO<sub>2</sub> absorbed by ocean

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10256/A-more-acidic-Arctic-NOAA-deploys-first-buoy-in-region-to-monitor-levels-of-CO2-absorbed-by-ocean.aspx>

New Bering Sea research reveals how changing ecosystem impacts America's most valuable fisheries

[http://www.noaanews.noaa.gov/stories2012/20120530\\_beringsea.html](http://www.noaanews.noaa.gov/stories2012/20120530_beringsea.html)

'Like putting headlights on a car': Pacific oysters gain from IOOS data

[http://www.noaa.gov/features/01\\_economic/pacificoysters.html](http://www.noaa.gov/features/01_economic/pacificoysters.html)

Gliding into the future of ocean research

<http://c-can.msi.ucsb.edu/news/gliding-into-the-future-of-ocean-research>

A Sea of Change: Ocean Acidification Threatening Coastal Waters  
[http://www.noaa.gov/features/02\\_monitoring/index.html](http://www.noaa.gov/features/02_monitoring/index.html)

Underwater 'ears' heard rumblings before 2011 undersea volcano eruption  
<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10185/Underwater-'ears'-heard-rumblings-before-2011-undersea-volcano-eruption.aspx>

Scientists Find Rising Carbon Dioxide and 'Acidified' Waters in Puget Sound  
[http://www.noaanews.noaa.gov/stories2010/20100712\\_pugetsound.html](http://www.noaanews.noaa.gov/stories2010/20100712_pugetsound.html)

NOAA Expedition Hears Endangered North Atlantic Right Whales off Greenland  
[http://www.noaanews.noaa.gov/stories2009/20090520\\_rightwhales.html](http://www.noaanews.noaa.gov/stories2009/20090520_rightwhales.html)

### **OCEANS AND COASTAL PROCESSES – most recent releases and stories listed first**

Watch video LIVE from the seafloor as NOAA and partners explore deep-sea volcanoes  
[http://www.noaanews.noaa.gov/stories2012/20120917\\_pacificvolcanomission.html](http://www.noaanews.noaa.gov/stories2012/20120917_pacificvolcanomission.html)

Researchers estimate total energy and local impact of the 2011 Japan tsunami  
<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10171/Researchers-estimate-total-energy-and-local-impact-of-the-2011-Japan-tsunami.aspx>

Indian Ocean Tsunami Fuels Completion of NOAA Tsunami Warning System  
[http://nctr.pmel.noaa.gov/Articles/5th\\_anniversary.html](http://nctr.pmel.noaa.gov/Articles/5th_anniversary.html)

Scientists Discover and Image Explosive Deep-Ocean Volcano  
[http://www.noaanews.noaa.gov/stories2009/20091217\\_volcano2.html](http://www.noaanews.noaa.gov/stories2009/20091217_volcano2.html)

Dec. 26, 2009 Marks Five Years Since Sumatra Indonesia Tsunami Killed 230,000  
[http://www.noaanews.noaa.gov/stories2009/20091217\\_tsunami.html](http://www.noaanews.noaa.gov/stories2009/20091217_tsunami.html)

NOAA Simulation Model Helps Prepare Santa Barbara for Tsunamis and Coastal Floods  
[http://www.noaanews.noaa.gov/stories2009/20090204\\_santabarbara.html](http://www.noaanews.noaa.gov/stories2009/20090204_santabarbara.html)

NOAA's Simulation Tool Prepares Oregon Coastal Towns for Tsunamis and Floods  
[http://www.noaanews.noaa.gov/stories2008/20081210\\_oregonmodel.html](http://www.noaanews.noaa.gov/stories2008/20081210_oregonmodel.html)

How to Forecast a Wave: Indian Ocean Tsunami Tests NOAA's New Forecast System  
[http://www.noaa.gov/features/03\\_protecting/tsunamiforecast.html](http://www.noaa.gov/features/03_protecting/tsunamiforecast.html)

Tsunami Symposium Sees NOAA Research Forecast in Action

[http://www.noaanews.noaa.gov/stories2009/20090717\\_tsunami.html](http://www.noaanews.noaa.gov/stories2009/20090717_tsunami.html)

NOAA Scientists Find Tsunami “Shadow” Visible from Space

[http://www.noaanews.noaa.gov/stories2009/20090715\\_tsunami.html](http://www.noaanews.noaa.gov/stories2009/20090715_tsunami.html)

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[http://www.noaanews.noaa.gov/stories2009/20090204\\_santabarbara.html](http://www.noaanews.noaa.gov/stories2009/20090204_santabarbara.html)

### **RESEARCH INNOVATION – most recent releases and stories listed first**

*NOTE: Since Research Innovation supports all research themes the stories below are also listed above under their respective research themes (Climate, Marine Ecosystems, or Oceans and Coastal Processes)*

NOAA and partner scientists study ocean acidification in Prince William Sound

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/10648/NOAA-and-partner-scientists-study-ocean-acidification-in-Prince-William-Sound.aspx>

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