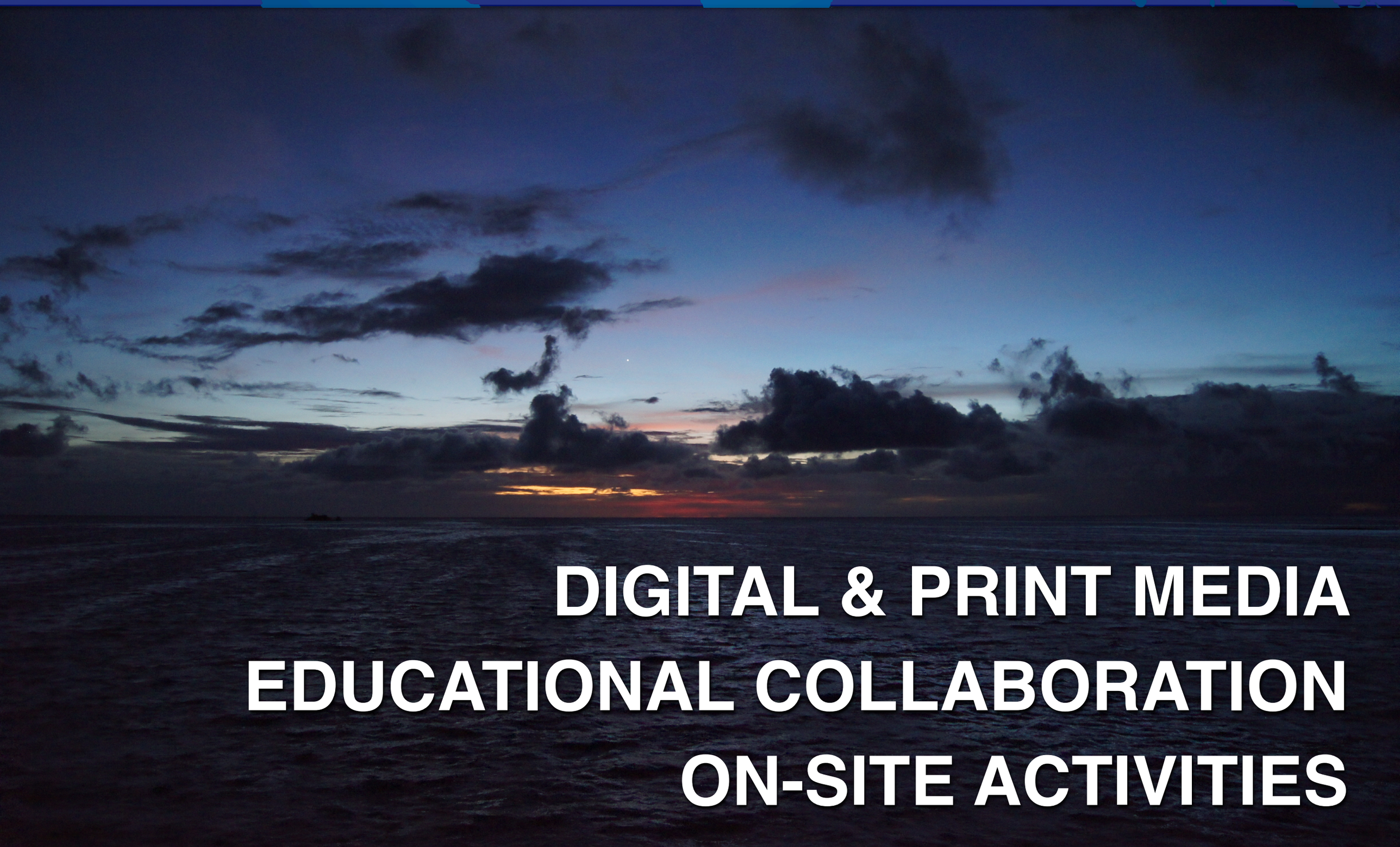
ORCAS Education & Public Outreach Program

Alison Rockwell
EOL Education & Public Outreach Coordinator

ORCAS Education & Public Outreach Program



DIGITAL & PRINT MEDIA
EDUCATIONAL COLLABORATION
ON-SITE ACTIVITIES

ORCAS Education & Public Outreach Program

DIGITAL & PRINT MEDIA

Digital & Print Media

ORCAS EDUCATION & OUTREACH

- Quick Questions for ORCAS PIs
- ORCAS Science Team
- Follow the NSF/NCAR HIAPER in Real-time
- ORCAS Educational Resources
- ORCAS in the News

Digital & Print Media

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ORCAS *In Brief* Article

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IN BRIEF

A heads up on air quality

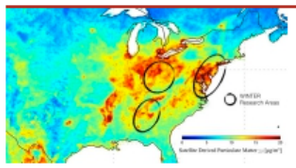
March 11, 2015

NCAR and its research partners have received a $1.3 million NASA grant to develop the capability for detailed 48-hour forecasts of ground-level ozone and fine particulate matter.

Nor'easter on the radar

February 09, 2015

Scientists flew the new HIAPER Cloud Radar above a major northeast snowstorm, obtaining critical data on its structure and dynamics.



Cold facts of air pollution

February 02, 2015

A major field project in the Eastern United States, supported by NCAR, seeks to better understand air pollution during winter.

What's behind urban heat islands?

January 13, 2015

Researchers are using specialized modeling techniques have learned how turbulence keeps the countryside cooler than urban areas on summer days.

Ten top stories of 2014

December 16, 2014

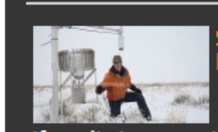
We've assembled 10 of the most popular stories on AtmosNews from the last 12 months.

Flipping the classroom paradigm

November 14, 2014

The urge to transform higher education through online technology is making its way into atmospheric science. Benefits as well as pitfalls came to light as faculty on the front lines of experimentation shared notes in a UCAR-hosted forum last month.

SPOTLIGHT



Snowfall, inch by inch

If predicting snow is a tough business, measuring it is no piece of cake either.

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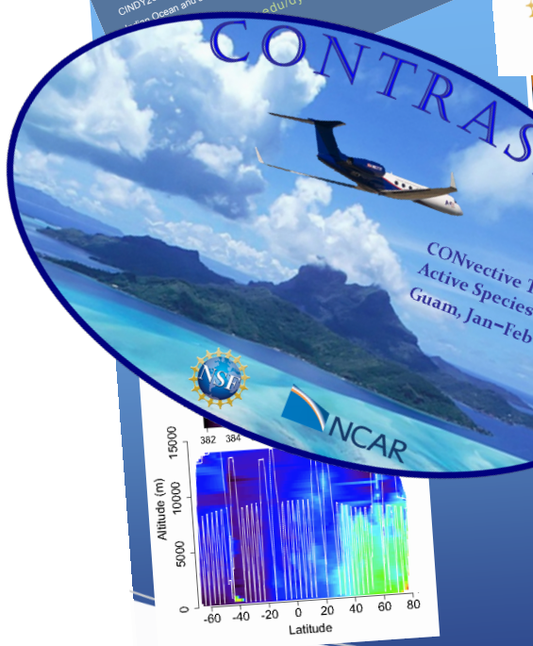
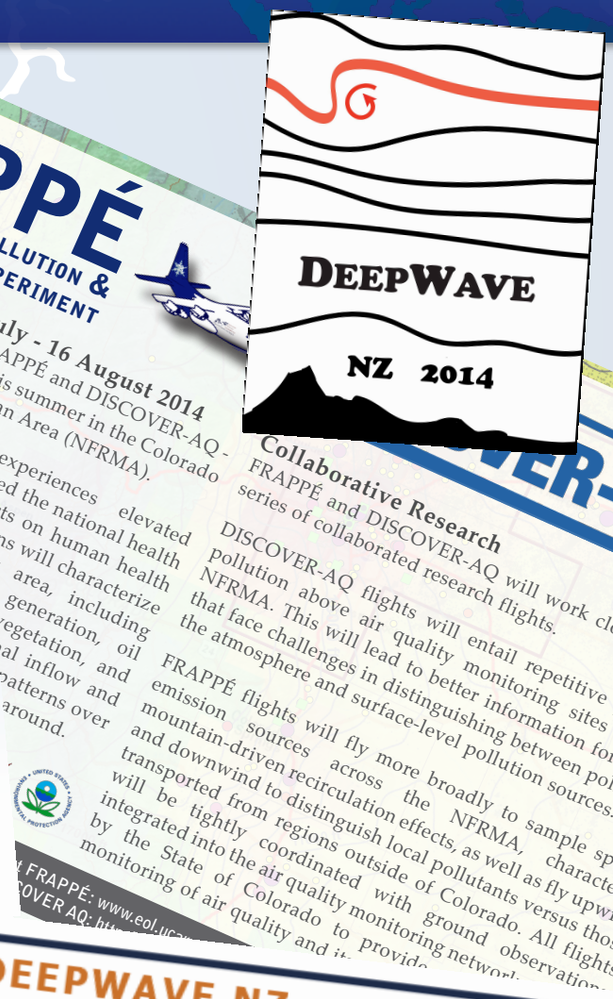
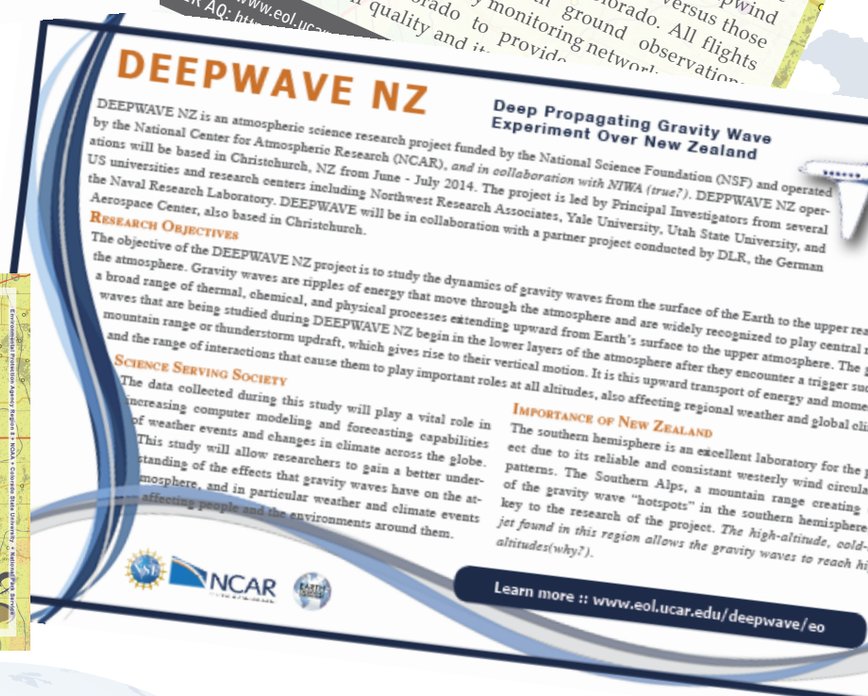
RECENT PUBLICATIONS

de Foy, B, Y Cui, J Schauer, ..., 2015: **Estimating sources of**

ORCAS Printed Material







Media Event at RAF?

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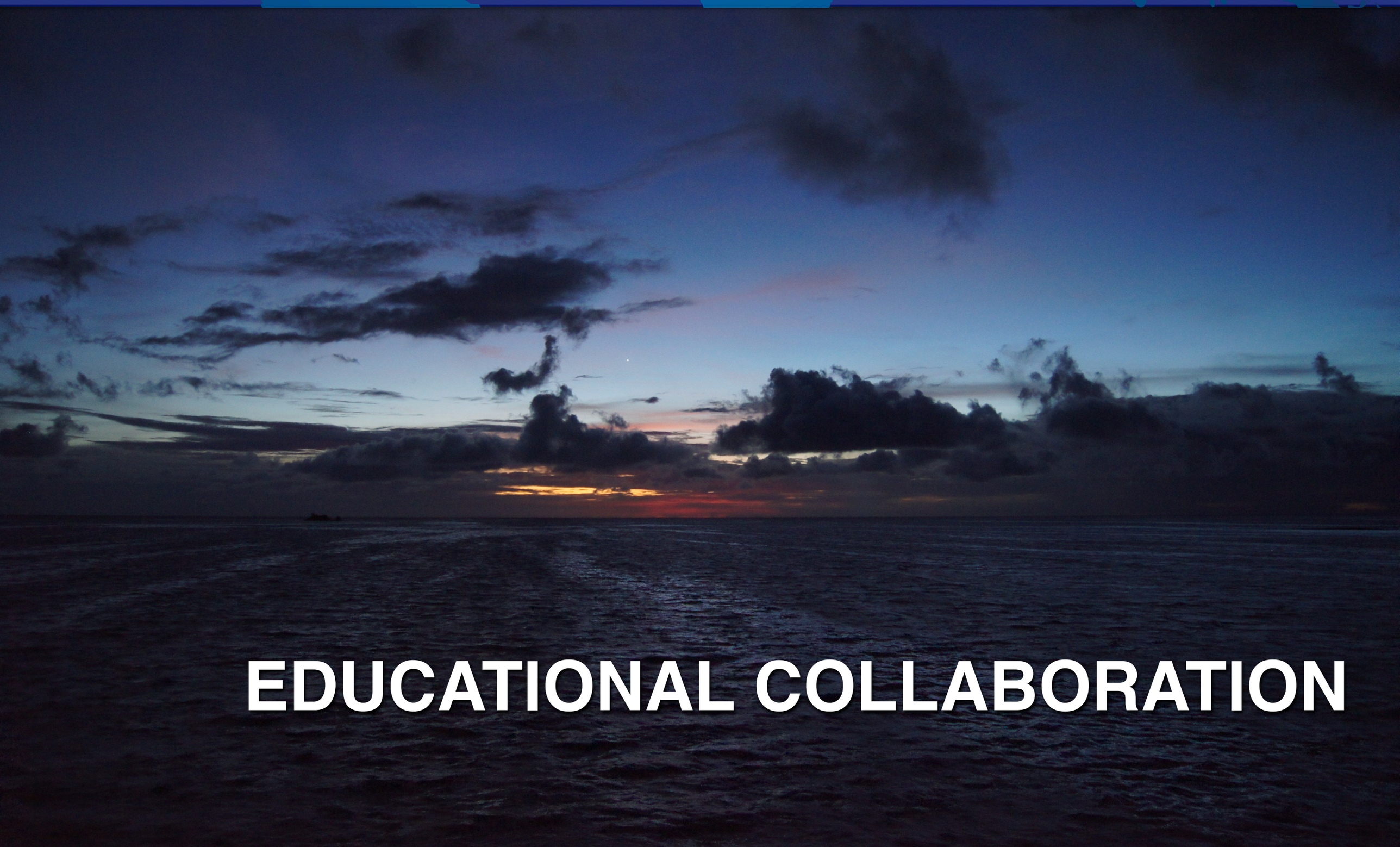

EDUCATIONAL COLLABORATION

CU ATOC 5300
The Global Carbon Cycle

Week	Tuesday	Thursday
1	8/27: Introduction	8/29: Carbon and Climate
2	9/3: A Primer on the Ocean Carbon Cycle	9/5: Air-Sea CO_2 Exchange
3	9/10: Carbonate Chemistry I	9/12: Campus Closure - No Class
4	9/17: Carbonate Chemistry II	9/19: Marine Productivity
5	9/24: Marine Carbon Export	9/26: Net Community Production (Dave Munro, INSTAAR)
6	10/1: Marine Calcium Carbonate	10/3: Anthropogenic Carbon in the Ocean Homework #1 Due
7	10/8: Ocean Acidification	10/10: Ocean CO_2 Paper Discussions
8	10/15: Ocean CO_2 and Paleoclimate	10/17: Ocean Ecosystem Modeling (Keith Lindsay, NCAR)
9	10/22: No Class	10/24: A Primer on the Terrestrial Carbon Cycle Final Paper Topic Due
10	10/29: Terrestrial Productivity	10/31: Land Use Change
11	11/5: The Missing Sink	11/7: Terrestrial CO_2 Paper Discussions Homework #2 Due
12	11/12: Modeling Terrestrial Ecosystems (Gordon Bonan, NCAR)	11/14: Measuring Atmospheric CO_2 @NOAA/ESRL
13	11/19: Atmospheric CO_2 (Britton Stephens, NCAR)	11/21: Measuring the Carbon Isotopes @INSTAAR
14	Fall Break - No Class	Fall Break - No Class
15	12/3: CO_2 Emissions	12/5: Carbon-Climate Feedbacks Final Paper Due
16	12/10: Feedback Paper Discussions	12/12: Feedback Paper Discussions

CU ATOC 5300
Vist RAF During Upload

ORCAS GV Chat Room

ATOC 5300 Students

US Schools

Chilean Schools

ORCAS Education & Public Outreach Program

ON-SITE ACTIVITIES

ORCAS Media Event & Student Visit in Punta Arenas

Punta Arenas Outreach Activities

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IEB CHILE

INACH Ministerio de Relaciones Exteriores

VIII SOUTHERN CONNECTION CONFERENCE 2016

January 18 - 23th / Punta Arenas, Chile

http://www.umag.cl/southernconnection2016/

Punta Arenas Outreach Activities

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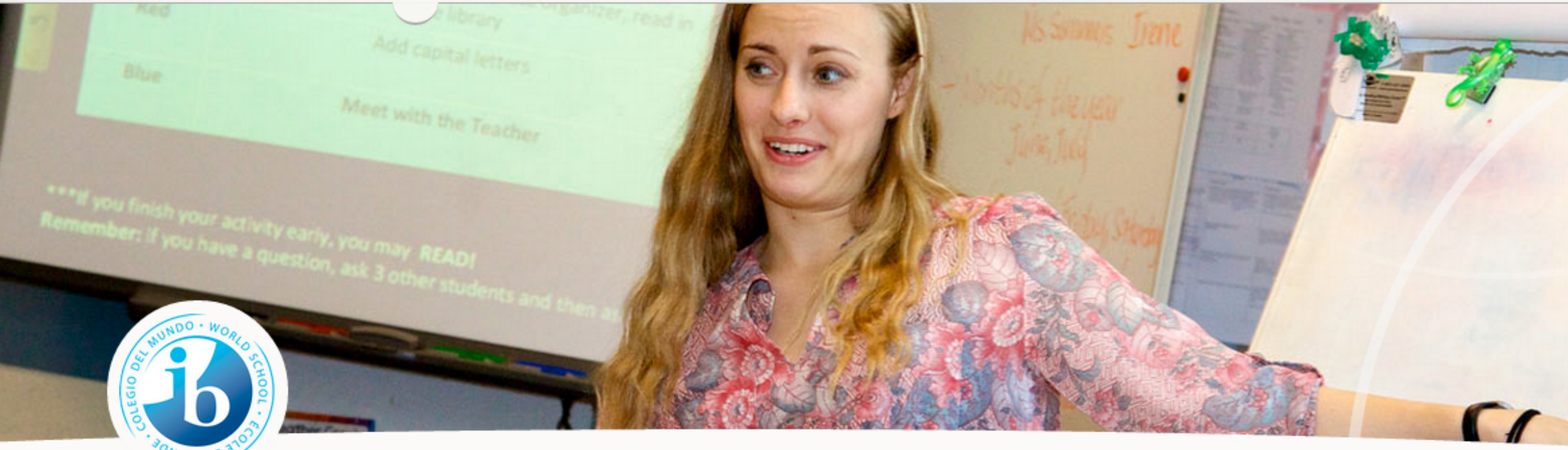

The British School - Punta Arenas

Type:	**PRIVATE**
Head of school:	**Sra. Alejandra Barrios Harmer**
IB School since:	**15 November 2006**
Country / territory:	**CHILE**

Save to "My Schools"

Punta Arenas Outreach Activities

Palmer Station Antarctica LTER

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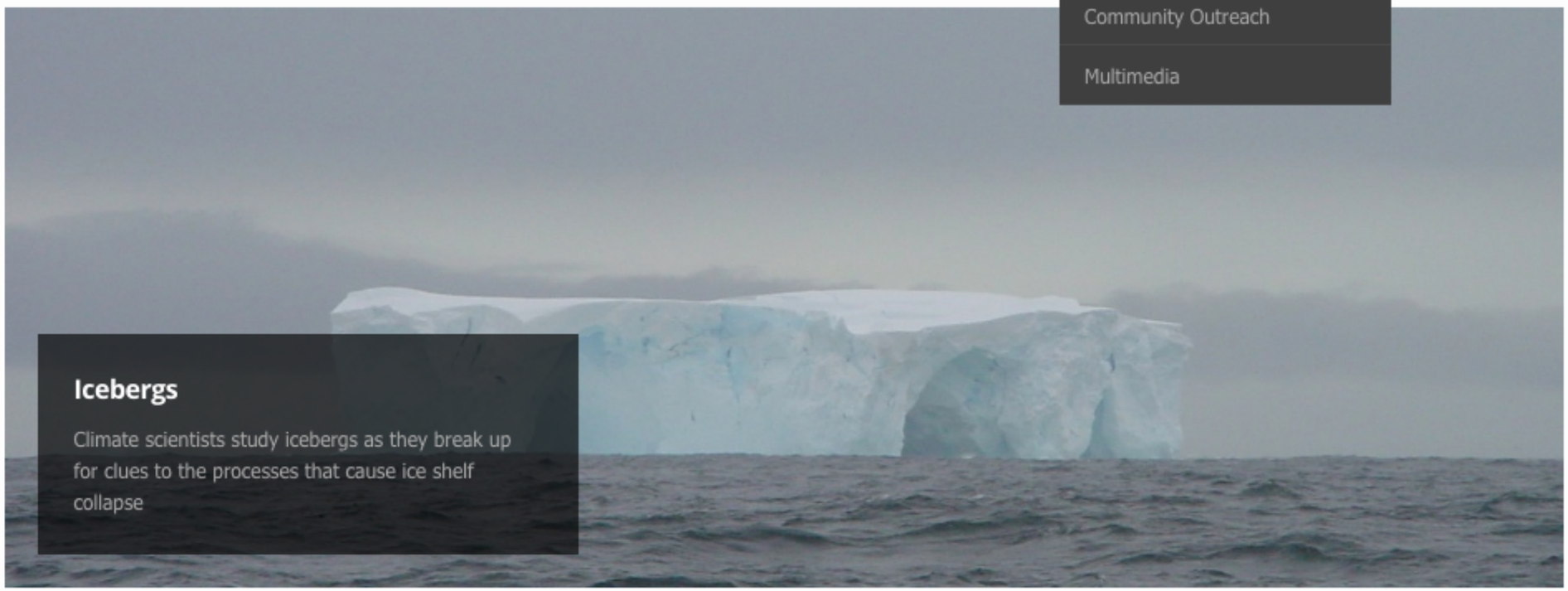
- Community Outreach
- Multimedia

Welcome to Palmer Station Antarctica L
A member of the Long Term Ecological Resear



Latest News

Decreasing sea ice and Minke whales

Fri, 08/15/2014

Article with Ari Friedlaender (PAL LTER) discussing the challenges of Minke whale research in the Antarctic

The Palmer Long-Term Ecological Research (LTER) study area is located to the west of the Antarctic Peninsula extending South and North of the Palmer Basin from onshore to several hundred kilometers off shore. Palmer Station is one of the three United States research stations located in Antarctica. It is on Anvers Island midway down the Antarctic Peninsula at latitude 64.7 South, longitude 64.0 West. A view from the station can be seen on the Palmer Station webcam.

Any Questions?