

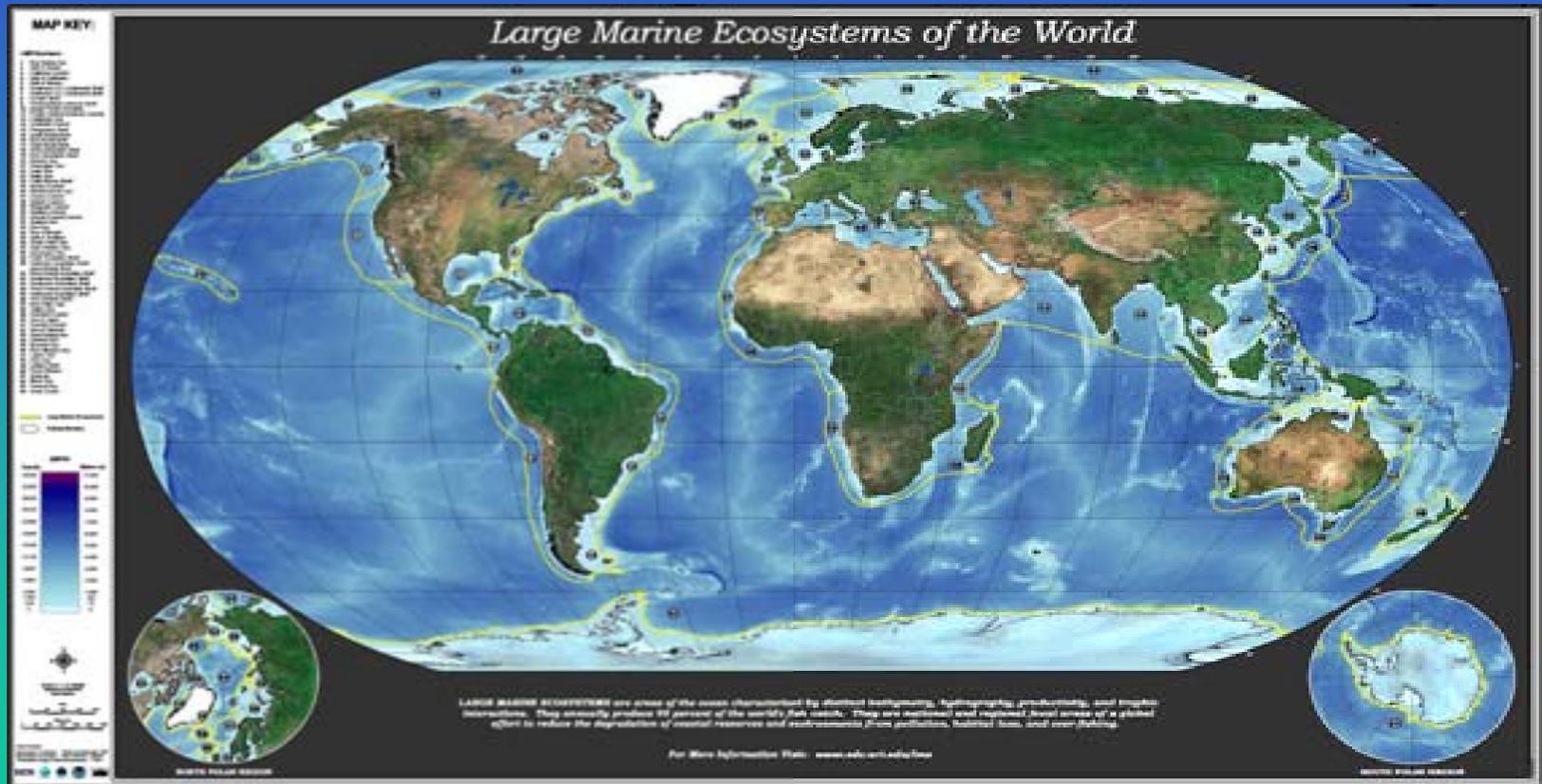
LME Outreach:

DVD, “Turning the Tide” LME Curricula, and Educational Event

Dr. Marie-Christine Aquarone, NOAA



A goal: to send the LME message out into the world



“Turning the Tide” DVD

Middle School, Virginia, USA

“One part in the film showed millions of tiny anchovies being caught in huge nets on industrial ships. It talked about how, from a shortage of these tiny fish, larger fish would have nothing to eat, and would die. *This would continue in a chain reaction, from fish eating birds and sharks and all kinds of marine life.*” (Faith, 12 years old)



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“I learned a lot from your movie ‘Turning the Tide’. I already knew that the oceans were in trouble, but the movie still taught me a lot. I learned about different types of pollution. I had no idea that fishing could pollute, even though I knew it was lowering the populations of marine life. I also didn’t know about the GEF. I think it’s a great program, because thanks to your movie, I saw how the group is saving the world.”



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“The movie not only helped me to understand the marine ecosystem but it kind of helped me understand the human ecosystem.”

5th grader



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“Mr. Sherman, were you at the meeting when South Africa, Namibia, and Angola signed the treaty to protect the Benguela coast?”

5th Grader



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“This movie has inspired me with hope that we will be able to restore the oceans and the seas will once again return to glory.”

(Oliver)



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“I was ... amazed and disgusted by the deaths of those many fish and mammals. Especially because they were being casually overfished to overfeed a small minority of people.”

Matthew



“Turning the Tide” DVD

Ghana Christian
International High School

“Laws against illegal fishers in industrialized countries should be harsher to discourage them.”

Daniel



“Turning the Tide” DVD

Ghana Christian
International High School

“The industrial fishing companies try to out-do each other, and the end result is the depletion and over depletion of aquatic life.”

Reginald



“Turning the Tide” DVD

Middle School, Virginia, USA

“After watching this film, I want to do something to help the marine life that has helped us.”

Emily, age 11

“It has really been brought to my attention that I should be a part of protecting Large Marine Ecosystems.”

Namita, age 11



“Turning the Tide” DVD

Middle School, Virginia, USA

“The people who need the fish the most are finding it harder and harder to obtain it.”

Rebecca, Age 12



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

“One thing that I thought was a great thing was that people are making these palisades to get big fish they want and let the little fish go to the ocean to reproduce.”

Bradley



“Turning the Tide” DVD

Wakefield Elementary,
Rhode Island, U.S.

**“I learned that the Baltic Sea has so little oxygen
and nutrients that it can barely support any life.”**

5th Grader



“Turning the Tide” DVD

Middle School, Virginia, USA

“Illegal fishing is like stealing, you may not get caught but someone will notice it’s gone.”

Derek, 11 years old



“Turning the Tide” DVD

Middle School, Virginia, USA

“People in Africa are already a step ahead in saving ecosystems”.

11- year-old



Northeast Shelf LME

Middle School, Virginia, USA

“That was one of the most moving videos I’ve ever seen...When the people that lived in the rainy, hot climate were fishing in the downpour, I realized how necessary fish were to village life. I never knew that industrial fishing ships and illegal fishing were making life harder for village families.”

Gilly, 11 years old



“Turning the Tide” DVD

Ghana Christian
International High School

“Our sea life needs to be protected to avoid extinction. If all these beautiful creatures are wiped out, how will the younger generation experience their splendor? *They need to be protected also in order to help us get protein from the fish which is very essential for our health.*”

Lynda



“Turning the Tide” DVD

Middle School, Virginia, USA

“After watching this movie, I know that it’s possible to fix the damage we’ve done to marine life.”

Jenna, 11.



October 27, 2007 at the URI Bay Campus

**New England Teachers Celebrate
NOAA's 200th Anniversary**



- **Panel discussion on LME educational outreach**
- **Show DVD to audience of teachers and school kids (K-12), scientists and the public**
- **Classroom discussions based on LME assessment and management**
 - **What can be done about ecosystem degradation (e.g. fisheries habitat, pollution)?**
- **Introduce new LME curriculum and high school science unit**

