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From the EDITOR

OUR VISION FOR THE FUTURE

Greetings as we all prepare for the fall and winter season as 2016 winds up and 2017 approaches with alacrity. We've decided that for this issue of *Wrack Lines*, we'd have a theme that resonates with resilient coastal ecosystems and healthy living resources. With this idea comes the overused but uber-important words "resiliency" and "sustainability" for our vision of the future. There are exciting things happening!

In these pages, you will learn about some new research on the ability of salt marshes to adapt to rising sea levels, and some insights on native fish stocks. Marine scientist Sylvia Earle once said, "The concept of 'peak oil' has penetrated the hearts and minds of people concerned about energy for the future-- [but] 'Peak fish' occurred around the end of the 1980s." Don't despair; we have good news about Atlantic sturgeon, and insights for better management of our tautog, or blackfish.

You've heard the adage, "What is old is new again" – and that is a good way to describe Rachel Carson's little-noticed early observation about the trend of rising seas and threat of climate change, made back when your unsuspecting editor was in diapers. We celebrate this amazing and innovative scientist who talked about those rising seas in a story by another Rachel, from the millennial generation's perspective. Who knew that Carson's first at-sea voyage was likely in Long Island Sound?

It's also a time to celebrate Sea Grant's 50th anniversary. Nationally this year marks a half century of Sea Grant bringing science to serve America's shores. We hope you'll watch the video on our home page, <http://seagrant.uconn.edu> to find out what Sea Grant does for you around the nation. In October, Connecticut Sea Grant was honored to receive, with our partner programs in Maine and New Hampshire, the Sea Grant Association's Research to Application Award for our efforts to develop the sea vegetable industry in Connecticut and New England.

We celebrated yet another landmark event, the Connecticut Shellfish Initiative's launch on October 20, bringing appreciation of our valuable shellfish resources to light. Check out our photo gallery on page 13.

Yours,

Peg Van Patten

Wrack Lines editor

About our cover:

UConn grad student April Doroski samples wetland sediments to quantify characteristics for experiments. See page 10

