

Coastal Voice

THE NEWSLETTER OF THE AMERICAN SHORE & BEACH PRESERVATION ASSOCIATION

— May 2016 —

INSIDE:

- PAGE 2:** A super summer ahead for ASBPA
- PAGE 2:** We must invest in pre-disaster mitigation funds
- PAGE 3:** What's your beach book this summer?
- PAGE 4:** Shore protection funds included in appropriations bill
- PAGE 4:** WRDA bill gains traction in Senate
- PAGE 5:** ASBPA conference abstracts due May 9
- PAGE 6:** Nominations open for 2016 conference awards
- PAGE 7:** Students, use summer to get ready for fall conference
- PAGE 8:** Take your camera to the beach: Photo contest open
- PAGE 9:** Chapter news and updates
- PAGE 12-13:** Beach News Service articles for April

Visit the ASBPA online at www.asbpa.org

Top 10 reasons to attend the 2016 ASBPA National Coastal Conference

By **TOM HERRINGTON, Ph.D.,**
ASBPA Conference Co-Chair

If you have not done so yet, time is running out to submit an abstract and participate in the upcoming 2016 National Coastal Conference that will be held in Long Branch, NJ, Oct. 25-28. If you decide not to join us, here are the Top 10 things you will be missing out on:

10. Ability to tell your friends that you were at "The Jersey Shore" just like Snookie and her MTV friends.
9. Beautiful Indian Summer days at the beach.
8. Engineers vs. Geologist Volleyball on the beach.
7. Visiting one of the oldest developed coasts in the nation.
6. Learning why 8 million residents and 30 million visitors in the Philadelphia-New York Metro region call the Jersey Shore their summer home.

5. Attending a conference in the city that Ulysses S. Grant and six other presidents called the "Summer White House."

4. Walking on the same beach that the Beach Erosion Board used to conduct the first coastal ocean experiments.

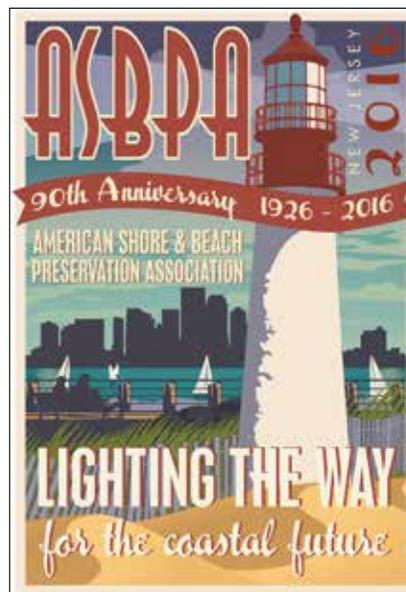
3. The opportunity to catch a glimpse of the Jersey Shore's most famous resident, Bruce Springsteen.

2. Attend over 150 presentations on emerging post-Sandy concepts in coastal sustainability and resilience.

1. Network with over 250 of

your colleagues in coastal science, engineering, construction, and policy in a relaxed beach atmosphere.

Don't miss out on what is sure to be a great celebration of ASBPA's 90th anniversary. Submit your 500-word abstract online today at: http://www.asbpa.org/conferences/conf_fall_16.htm. ❖



Conference abstracts due May 9!

Be part of the best national coastal conference yet... submit your presentation or poster abstracts by May 9 online at http://www.asbpa.org/conferences/conf_fall_16.htm.

A super summer ahead for ASBPA

By **DEREK BROCKBANK, ASBPA Executive Director**

Growing up in New York, Memorial Day was the start of summer and the start of Beach Season. Although the water was often too cold to swim and there was still three weeks of school and finals, the last weekend in May was the peak of summer optimism. On Memorial Day, the upcoming summer was going to be the best ever, there was a new skateboard/bike/car, we would take over the volleyball court, the summer would last until Thanksgiving. You know the feeling... the anticipation of fun that comes with a soundtrack of cheesy pop and the Beach Boys.

Perhaps my standards of pure enjoyment have gone down, but as the warm weather approaches I have a similar feeling about ASBPA — I think we're going to have the best summer ever!

ASBPA's "new car" this year will be a brand spanking new website, which we should have by sometime in June. In upgrading from a manual clunker to a sleeker automatic, we may take a couple months to get the site into high gear, but it'll have a lot more horsepower and it'll be shiny and pretty from the start.

Our volleyball game will be on the beach in Long Branch, NJ, at our conference, "Lighting the Way to the Coastal Future" on Oct. 25-28 (not too far from

EXECUTIVE REPORT

Thanksgiving!). I'm certain this year's conference will be the best ever — as the bridge between the Mid-Atlantic and the Northeast, New Jersey is at the heart of nearly every coastal issue right now.

From beach nourishment to back-bay marsh creation, from sea level rise and resilience to dune management, from living shore-



BROCKBANK

lines to hardened structures to managed retreat, from nor'easter response to hurricane preparedness, New Jersey is working on issues that you are too! So come to the conference to teach your successes and learn from others (abstracts are due May 9). And join the engineers v. geologists volleyball game — anyone interested in helping me join a policy wonks team?

I'm sure reality will set in at some point. There will be rainy days this summer; on the East Coast, there always are. But the summer is what you make it; if the sun is shining, get out there and do something! Submit an abstract for the conference, set up a meeting with a legislator, submit a paper for publication to *Shore & Beach*, tell a friend or colleague about ASBPA and get them to join.

Help make this the best summer ever for ASBPA. ❖

PRESIDENT'S REPORT

We must invest in pre-disaster mitigation funds

By **TONY PRATT, ASBPA President**

In September 2013, the Congressional Budget Office (CBO) wrote this (**emphasis added**):

"Recently, the Congress has expressed renewed interest in the cost of the federal response to major disasters. Some of that interest may stem from the Budget Control Act of 2011, which allows some spending for disasters above the limits on discretionary appropriations without triggering sequestration (a cancellation of funding that



PRATT

Congress has previously provided). ***(CBO recently estimated that this allowance for disaster-related funding, which is based on the 10-year average of such funding excluding the highest and lowest years, is \$12.1 billion for fiscal year 2014.)***

"In addition, some Congressional interest may arise from the pace at which CBO generally expects disaster-related funding to be spent — a pace that looks surprisingly slow to some observers. For example, CBO estimated that about one-quarter of the **\$51 billion** in supplemental appropriations for

■ Continued on next page

Mitigation

■ Continued from page 1

Hurricane Sandy (later reduced to \$48 billion as a result of sequestration) would not be disbursed until five years or more after enactment of the bill.

“That estimate did not imply any judgment by CBO about the appropriateness of such spending; it simply reflected historical patterns for the expenditure of disaster relief funds, most notably the pace of spending following the Gulf Coast hurricanes of 2005.”

They go on to say: “Eight years ago, Hurricane Katrina made landfall as one of the strongest storms to affect the United States

in the last century. Hurricanes Rita and Wilma followed shortly thereafter. Insured losses from the three storms taken together were estimated by insurance companies to total **\$57 billion, not including \$17 billion** in claims paid by the National Flood Insurance Program. The most significant deliberate response was additional appropriations of more than **\$100 billion** targeted to disaster-affected areas.”

ASBPA has long advocated for a reduction in disaster-related funding through investing in pre-disaster mitigation projects. In last month’s “Coastal Voice” Tom Herrington wrote: “In the three years since Sandy, coastal researchers and engineers have laid the framework for encouraging innovative solutions to coastal protection. Drawing on both international and national knowledge and experience,

concepts and techniques focused on the integration of nature-based features and coastal defenses, coastal landscapes, high-resolution surge modeling for flood control, integration of urban greenways for surge protection, urban flood storage and discharge, surge barriers, living shorelines, regional sediment management, and natural resource restoration, among many other ideas.”

Federal response budget supplementals are providing huge sums of money for recovery after suffering and loss has occurred. We are headed into a change of government with an election this fall.

Reducing government spending and getting the most out of government funding is a common plank for all candidates. So where is the attention on the nation’s dependence on reaction to natural disaster rather than proactive investment?

With billions and billions of dollars at stake this deserves the time and attention of those who want to lead this nation. That goes for the Administration as well as Congress. ASBPA needs to ask them where they stand. Every coastal disaster results in improvements in our knowledge and ability in mitigating future losses yet we don’t utilize this ability to the degree that we should. This must change and it needs to be a part of the national dialogue now.

The full CBO report can be seen here: <https://www.cbo.gov/publication/44601>. ❖



DIRECTORS' REPORT

What’s your beach book this summer?

By KATE and KEN GOODERHAM, ASBPA Managing Directors

We’re coming into vacation time. If you’re like us, you don’t have the chance to read much that isn’t profession oriented. So vacations are the time to read.

We’d like to include some book suggestions for our summer vacations. Give us a name of a book, the author and maybe one sentence describing why you think this is a great beach book. The book can have beaches as part of the story, or just be a book that is fun to read on the beach.

We’ll give you some suggestions to get you thinking:

- “South of Broad” by Pat Conroy. All his books are magnificent. This one takes place in Charleston and on Folly Beach. It is not light but you will be immersed.

- Anything by Carl Hiaasen, S.V. Date or Tim Dorsey. All three of these Florida authors write perfect beach books for those who can appreciate a little (or a lot) satire. They’re engaging, light, fast-paced and crazy – true mind-candy with a bite.

Send your beach-book suggestions to managing@asbpa.org by Friday, May 20, so we can include them in the June/July “Coastal Voice” — which will give people enough time to hit the bookstore before they head to the beach. ❖

Shore protection funds included in E&W appropriations

By **DEREK BROCKBANK**,
ASBPA Executive Director

In April, the House of Representatives and the Senate committees with jurisdiction over funding for the U.S. Army Corps of Engineers put out their proposals for fiscal year (FY) 2017 funding. Both the House and the Senate provided \$50 million for shore protection in the Corps' Civil Works



BROCKBANK

construction budget, after it had been left out of the president's budget. If enacted, this would be an increase over the \$40 million for shore protection construction in FY16, and the first increase in five years, although still significantly less than the \$150+ million in project backlogs. The full Senate and House must still pass their bills (S. 2804 & H.R. 5055) and then the two versions need to be combined in a conference report for this to become law and avoid an end-of-year omnibus bill or continuing resolution, which would most likely maintain last year's funding levels.

Shore protection is the funding the Corps uses to build and maintain the beach and coastal dune systems that provide coastal communities protection of life and property from the hazards of living by the water, including storm

WASHINGTON REPORT

surge, waves, and sea level rise. Shore protection also supports the national economy and provides ecological services – coastal shoreline counties contribute \$6.9 trillion to our GDP and coastal habitats including beaches, wetlands, and estuarine systems are some of the most ecologically productive and economically important on earth.

The U.S. Army Corps of Engineers Shore Protection program is

WRDA bill gains traction in Senate

By **DEREK BROCKBANK**,
ASBPA Executive Director

At the end of April, the Senate Environment and Public Works (EPW) committee overwhelmingly passed (19-1 in favor) a bipartisan Water Resources Development Act (WRDA). As expected, the bill is much smaller than the expansive Water Resources, Reform and Development Act (WRRDA) of 2014. But it authorizes some new projects and has some critical policy provisions. Amongst the authorized projects are: Edisto Beach in Colleton County, SC; Flagler County, FL; Bogue Banks in Carteret County, NC; Hereford Inlet to Cape May Inlet New Jersey Shoreline Protection Project; Encinitas-Solana Beach, CA; and West Shore Lake Pontchartrain, LA.

Amongst the key policy provisions included in the bill is

a critical part of the nation's coastal resilience. Maintaining beach and dune systems funded through the shore protection program reduces communities' risk of damage from hurricanes, nor'easters and sea level rise. As we have seen with Hurricane Sandy and countless other storms, the cost of recovery is far greater than the cost of protection. Investing in shore protection is a wise fiscal move and the right thing to do protect our coastal communities. ❖

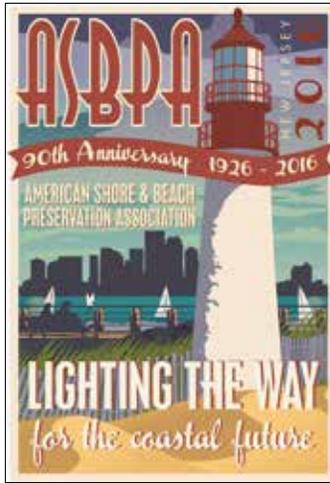
a section (Sec. 2017) on dredged material that authorizes the placement of dredged material at federal expense in a location other than the least cost alternative if "the cost associated with the placement of the dredged material is reasonable in relation to the associated environmental, flood protection, and resiliency benefits." Meaning the federal government would pay for beneficial use of dredged material!

WRDA passing out of EPW committee is just the first step in the WRDA process, and in a condensed, election year legislative calendar, getting WRDA across the finish line will be difficult. But a House bill is expected to be introduced in May, and the current Senate bill includes some strong provisions for coastal restoration, so ASBPA will be working to ensure we reach that goal line with federal funding for beneficial use intact. ❖

ASBPA 2016 National Coastal Conference “Lighting the Way for the Coastal Future” **CALL FOR ABSTRACTS** Due May 9, 2016

The American Shore & Beach Preservation Association (ASBPA) announces the Call for Abstracts for its 2016 National Coastal Conference, Oct. 25-28 at the Ocean Place Resort, Long Branch, NJ.

ASBPA is the nation’s first organization to promote science-based policies for the preservation of coastal areas. The theme of the 2016 conference is “**Lighting the Way for the Coastal Future.**” The national coastal conference will provide an opportunity for all coastal stakeholders to learn together and develop collaborative networks and resources to promote best management practices to maintain and improve the health of our coasts.



- Coastal Hazard Mapping & Analysis Tools
- Coastal Resiliency
- Sea Level Guidance, Planning and Adaptive Management
- Beach Restoration and Coastal Structures
- Lagoon, Wetland, Marsh, and Estuary Restoration and Enhancement
- Regional Sediment Management
- Economics of Coastal Resources
- Federal, State, and Local Coastal Policy, Regulatory and Legal Issues
- Sand/Beach Access Rights
- Community Outreach and Education

Technical and policy-oriented PowerPoint presentations or posters are invited for a broad range of coastal issues related to changes in coastal ecology, science, engineering, economics, and policy. Specific topics include, but are not limited to:

- Rebuild by Design Concepts and Projects
- Green/Grey Infrastructure and Living Shorelines
- USACE North Atlantic Coast Comprehensive Study Implementation
- Lessons Learned from Sandy
- Coastal Landscape Architecture
- Coastal Modeling

Presentations may be PowerPoint or poster format. One-page abstracts are due May 9, 2016. Abstracts may be submitted via an online form at: http://www.asbpa.org/conferences/conf_fall_16.htm. Abstracts must include the name, affiliation, address, telephone number and e-mail address of the primary corresponding author and include a brief (100-word maximum) biography of the presenter. All expenses are the responsibility of the presenter, including travel, lodging, and registration fees. Submissions will be confirmed within a week of submittal with notification of presentation status by June 20, 2016. Additional information can be found at www.asbpa.org.

Thanks to our National Coastal Conference partners for their support:

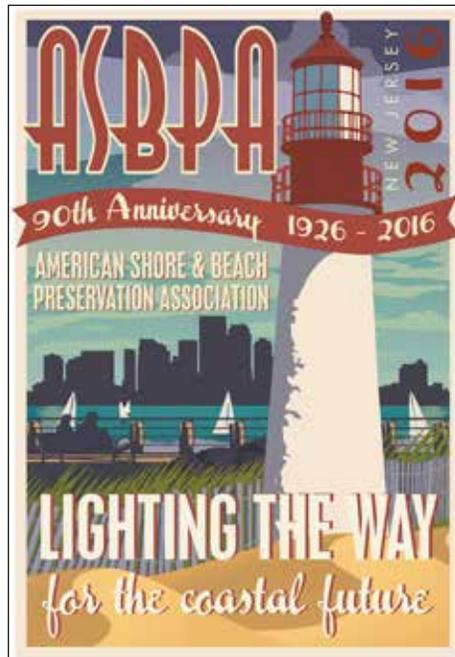


Call for awards for the 2016 National Coastal Conference

ASBPA is accepting nominations for the 2016 National Coastal Conference Awards including the Morrrough P. O'Brien Award, the ASBPA Coastal Project Award, the Bob Dean Coastal Academic Award, the ASBPA Student Educational Award, the Nicholas Kraus Coastal Scholar Award, and the ASBPA Member of the Year Award.

The **Morrrough P. O'Brien Award** is given annually to an individual or organizational member of ASBPA on the basis of 1) an outstanding record in achieving the objectives and ideals of ASBPA; or 2) for major direct contributions to ASBPA. Any ASBPA member can submit a nomination that outlines the accomplishments of the nominee and the basis upon which the nomination is being put forth. The winner will be invited to attend this year's ASBPA National Coastal Conference Oct. 25-28 in Long Branch, New Jersey to accept the award.

The **Robert L. Wiegel Coastal Project Award** is given in recognition to a coastal project that has stood the test of time and has shown a positive environmental, social, or recreational benefit. Nominations must include a statement of objectives of the project and the major design features; evidence that the project achieved the desired objectives with a minimum of five years since completion; the environmental, social, recreational and other effects of the project should be described; a statement identifying the agencies and individuals responsible for planning, designing and constructing the work and the individuals



that will receive the award; and the cost of the project. The award will be presented at the 2016 ASBPA National Coastal Conference in Long Branch, NJ.

The **Bob Dean Coastal Academic Award** is given in recognition of an academic who has made significant contributions furthering the community's understanding of coastal science or engineering and in fostering young coastal scientists or engineers.

The **ASBPA Student Educational Award** is given annually to an undergraduate or graduate student who, through his or her research, is furthering the state of science of coastal or riverine systems as it relates to the goals and mission of the ASBPA. Any research pertaining to coastal or riverine science is eligible for consideration.

The award includes a \$500 cash stipend and it is expected that the Educational Award winner will attend the 2016 ASBPA Na-

tional Coastal Conference in Long Branch, and present his or her findings to the coastal community. Additionally, the winner is strongly encouraged to submit their award nomination paper for peer review by the editorial staff of *Shore & Beach*, the ASBPA's technical journal, and possible inclusion in a future issue.

Entries must consist of a curriculum vita and paper suitable for presentation and publication (for non-electronic submissions, please provide five hard copies of the entire nomination package). Any subject pertaining to coastal or riverine science is eligible for consideration. Representative subject areas include natural processes (waves, currents sediment transport), ecology (habitat, ecosystem function), water quality (pollution sources, remedies), economics (cost/benefits of beach projects) and human impact on the coast (coastal structures, dams, restoration projects). The paper may include figures, tables, and photographs and should not exceed 10 pages in length, single-spaced, including references.

The **Nicholas Kraus Coastal Scholar Award** is given annually to a graduate student who aspires to advance his or her knowledge and experience of coastal or riverine science through an internship with ASBPA. The winner will become the dedicated staff member for the ASBPA's Science and Technology Committee. The Coastal Scholar will work hand-in-hand with practicing coastal experts to develop technical position papers with the Committee; and serve as the liaison for ASBPA with other gradu-

■ Continued on page 8

Students, use summer to get ready for fall conference

By TIFFANY ROBERTS BRIGGS, Ph.D., co-chair, Student & New Professional Committee

As the Call for Abstracts deadline approaches (May 9), this is a great time to remind students that even if you don't have results ready for presentation at this point, there is a second deadline for student poster presentation in September. That means that if you are a student (or know students) conducting research this summer, you (or they) can still present at the 2016 National Coastal Conference in Long Branch, NJ.

• Students: plan to present your research (even if it's newly collected data from this summer) at the fall conference, because there are a number of other exciting opportunities for students. Other opportunities include:

• Two student awards (with scholarship stipends): Nicholas Kraus Coastal Scholar Award & ASBPA Student Educational Award.

• Student poster presentation award.

• The poster session is a great venue for feedback and informal



ROBERTS

Students & new professionals

asbpa

American Shore & Beach Preservation Association

Advocating for healthy coastlines

discussions of on-going research.

• Annual student/new professional informal networking happy hour.

• Student volunteer positions (registration costs waived).

• Special student conference rate: \$175 for student members or \$200 for non-members (includes membership).

• Meeting other students and new professionals in coastal sciences, engineering, and policy fields.

• Learning of potential graduate student and/or employment opportunities from fellow ASBPA members.

• Other student and new professional-focused activities and opportunities for networking, such as the annual volleyball competition.

Have a great, productive summer of research and inquiry, and we're looking forward to hearing about your studies during the poster session at the 2016 National Coastal Conference in Long Branch. ❖

The Student/New Professional Committee submits a monthly column that either highlights research or experience of ASPBA's students and new professionals. If you are a student or new professional and would like to contribute to the monthly student/new professional column, or if you are a seasoned professional who would like to connect with any of the monthly writers, please contact Tiffany Roberts Briggs at briggst@fau.edu or Katie Brutsche at Katherine.E.Brutsche@usace.army.mil.

WWW.ASBPA.ORG

Looking for your abstracts, photos

By BETH SCIAUDONE, Ph.D., ASBPA Webmaster

Don't forget to submit your abstract for the 2016 National Coastal Conference in Long Branch, New Jersey, by May 9. Click "Submit Abstract" from the home or conference pages to submit your abstract via our new online form. Nominations for the



SCIAUDONE

ASBPA awards presented at the National Coastal Conference are also being accepted. See the Call for Awards linked from the conference page.

The 2016 ASBPA Photo Contest is still underway. You could win a year's membership in ASBPA including a subscription to *Shore & Beach* and your photo could be on the cover of the first issue of 2017! Please, check out the rules linked from the home page and publications pages and submit your best coastal photographs by Sept. 9.

Soon you will see an all-new ASBPA website! We look forward to launching our new site in June. We appreciate your patience as we make this important transition.

Remember — "like" ASBPA on Facebook and follow us on Twitter to stay up to date on the latest beach news. ❖

Awards

■ Continued from page 6

ate students in coastal and riverine sciences. The Coastal Scholar will work from their home institution and will participate with the ASBPA via conference calls and email. In addition to the experience of working with coastal experts, the award includes a \$600 cash stipend paid in quarterly payments of \$150.

Award winner must attend the 2016 ASBPA National Conference in Long Branch to receive the award. Entries must include a curriculum vita, and paper addressing why the student is interested in becoming the ASBPA's Coastal Scholar. The paper should include previous experience, education, future goals, as well as expectations of the Coastal Scholar Award position. The paper should not exceed five pages in length, single-spaced.

The **ASBPA Member of the Year Award** is an award to be given annually to an individual on the basis of their giving of time, talent, and treasury to furthering the goals and objectives of the ASBPA during the previous year. The winner will be presented the award at the 2016 ASBPA National Coastal Conference in Long Branch, NJ.

Entries for all awards except for the two student awards must be received by August 8, 2016. The deadline for ASBPA Student Educational Award and the Nicholas Kraus Coastal Scholar Award is Sept. 11, 2016. Please send entries to Awards@asbpa.org. All information should be submitted in PDF attachment form or a Word document with a maximum file size of 1 Mb.

If you have any questions, please email managing@asbpa.org or call (239) 489-2616. ❖

Take your camera to the beach:

ASBPA's 9th annual photo contest

The editors of *Shore & Beach* announce the ASBPA's ninth annual photography competition. The purpose of the contest is to highlight the beauty and natural wonders of America's magnificent coasts as part of celebrating more than 80 years of continuous publication of *Shore & Beach*.

WHO CAN PARTICIPATE:

The competition is open to all except ASBPA consultants and/or their immediate families (children, spouses, parents).

SUBJECT MATTER AND

RULES: Any photographs depicting the coastal zone are appropriate. These include, but are not limited to beaches, bluffs, marinas, wetlands, marine life, recreational facilities, and engineered projects as long as they include the setting in which they were built (i.e. no portraits of dredges or your favorite armor unit).

Manipulated photographs (colorized, posterized, solarized, etc.) are also welcome if the photographer briefly describes the changes or procedure. The original base photograph must have been taken by the submitter.

Submissions must be made in one of the geographic categories listed below.

Winning photographs may be used as cover art on *Shore & Beach*.

Therefore, VERTICAL-format photographs are highly preferred. Horizontal photographs can be submitted, too, but if a horizontal format photograph is a winner in one of the categories below, the editors of ASBPA may have to crop some of the scene, at their sole discretion, to fit on the cover of *Shore & Beach*.

Photographs must have been taken since 1 January 2015. Photographs can be full-color, black and white, sepia, or colorized.

CATEGORIES:

- U.S. East Coast
- U.S. Gulf of Mexico Coast
- Caribbean (Puerto Rico, US Virgin Islands)
- U.S. Pacific Coast and Alaska
- U.S. Great Lakes
- Pacific (Hawaiian Islands, Guam, etc.)

For details, go to <http://www.asbpa.org/publications/2016photo-Contest.pdf>. ❖



CHAPTER NEWS

Central East Coast Chapter update

By MAURA BOSWELL, Central East Coast Chapter President

The CEC Chapter is continuing planning on a two-day workshop for next year. The intent of this workshop is to bring federal and state permitting and resource agencies together with coastal engineering and environmental permitting practitioners to discuss what is working well and what can be improved with the permitting of coastal projects within the region. The Central East Coast Chapter continues to grow its membership and is always looking for additional volunteers to participate in the planning and execution of chapter ideas. Please let us know if you are interested in becoming more engaged with the local chapter.

CSBPA welcomes new board members

By SUSAN BRODEUR, California Chapter President

The California Shore and Beach Preservation Association is pleased to announce three new members have joined the board of directors, nominated based on their contributions related to coastal resources and management and unanimously elected. A brief synopsis of these highly qualified individuals follows:

Brenda Goeden is the Sediment Program Manager at the San Francisco Bay Conservation



and Development Commission (BCDC). She has been working at BCDC for over 15 years, first as the Dredging Program Specialist and for the last several years leading a small unit within BCDC to further coordinate sediment issues of the San Francisco Estuary, from the Delta to the Outer Coast. Her background in marine biology and experience have given considerable insight into management, policy, resource and scientific uncertainty, as well as engineering techniques that are useful in coastal resource management. She has worked extensively with scientists, engineers and managers working on issues such as sand mining, dredging, wetland restoration, beneficial reuse of dredged sediments, beach nourishment, sediment quality analysis and sediment transport.

Doug George is an oceanographer with more than a decade of research on coastal and marine geology questions. His interests

include understanding coastal processes, sediment transport, and adaptation to climate change. As an environmental consultant, he has conducted technical assistance and provided project management on many West Coast coastal projects. Doug has led and managed several sediment-based studies including characterization of coastal processes at Crissy Beach in San Francisco, development of the San Francisco Littoral Cell Coastal Regional Sediment Management Plan for the Corps of Engineers, and assessments of historical and projected geomorphology for different coastal lagoon restoration scenarios in Santa Cruz County. In addition to technical work, Doug is interested in ocean policy and worked for the California Ocean Protection Council, where he focused on coastal mapping, marine debris, low-impact development, sediment management, and water quality.

Beach TV?

On April 5, Daniel Koschera and his film crew interviewed ASBPA Managing Director Kate Gooderham for their documentary on sand and beaches for a very popular German channel and its renowned science-show. She assisted them in arranging for other interviews elsewhere in Florida.

■ Continued on next page

Chapters

■ Continued from page 9

For nearly a decade **Aaron McGregor** has worked on coastal issues in California. He holds a Bachelor's in Political Science and earned his Master's in Public Affairs and Planning from UCLA with an emphasis in Environmental Analysis and Policy and Land Use Economics. As a social scientist, his focus is on producing information that is useful to decision-makers and to promote thoughtful approaches for securing benefits to California's shorelines and the communities that depend on them. He is currently an economist at the Corps of Engineers' San Francisco District. Previously, he was a scientist with the California Ocean Science Trust and a NOAA California Sea Grant Post Graduate Fellow. Through his experience he has built strategic relationships across the spectrum of research, policy, management and conservation.

Hawaii update

By **CHRIS CONGER**,
Hawaii Chapter President

The Hawaii Shore and Beach Preservation Association (HSBPA) continues to develop. This past year has seen some wide-ranging projects and interests move through the chapter as we stretch our legs and look for the most productive means for engaging our community.

Last year started with our annual elections. We were fortunate in that all of our incumbent "at-large" directors were willing to volunteer their time and effort again. We recently held our 2016



Karen and Orville Magoon elections for both the "at-large" and "island representative" board members, with two new Directors joining the group.

In January 2015, HSBPA engaged the state legislative process through our Legislative Committee, which tracked and commented on a series of bills that affect Hawaii's capability to nourish or maintain our shorelines. For key bills, board members provided verbal support for our written testimony. This committee has been very active during the 2016 session, working closely with agencies, the public and the private sector to craft needed testimony for shoreline bills.

As part of this effort, our chapter put together a white paper for local legislators, government agencies, and the public, summarizing the findings from our 2014 workshop on beach nourishment. After the white paper was finalized it was provided to legislators as a key reference for discussions on beach nourishment activities in Hawaii. This document has assisted legislators and the general public with state bills related to moving

or placing sand on the beaches of Hawaii.

Last year, our chapter drafted and submitted an application to the International Union for the Conservation of Nature for a session on Living Shorelines, with an emphasis on tropical shorelines. The application was accepted and HSBPA will be conducting a two-hour workshop during the conference in Honolulu, bringing together specialists from the Pacific and Caribbean.

Our annual meeting was held on Nov. 13, 2015. Chuck Blay, Ph.D., was kind enough to volunteer his time and expertise and presented some fascinating results from coastal studies he has conducted on the island of Hawaii. We had the opportunity to gather our board together at the same place and time, which is never a trivial matter in the islands. Collectively, we were able to tighten our focus for 2016 and narrow our interests to several areas. In 2016 the HSBPA will be focusing all of our efforts on four key topics: membership engagement, legislative engagement, the Living Shorelines workshop, and an annual beach report under development now.

On March 11, members of the Hawaii Chapter welcomed Orville and Karen Magoon for a special event on the shores of Waikiki. The group met for lunch at the Hau Tree Lanai, Orville's favorite restaurant in Honolulu, and engaged in discussion on beach preservation efforts in Hawaii (past, present, and future). Over lunch Orville was presented with a lei as a symbol of appreciation of his service to the

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Chapters

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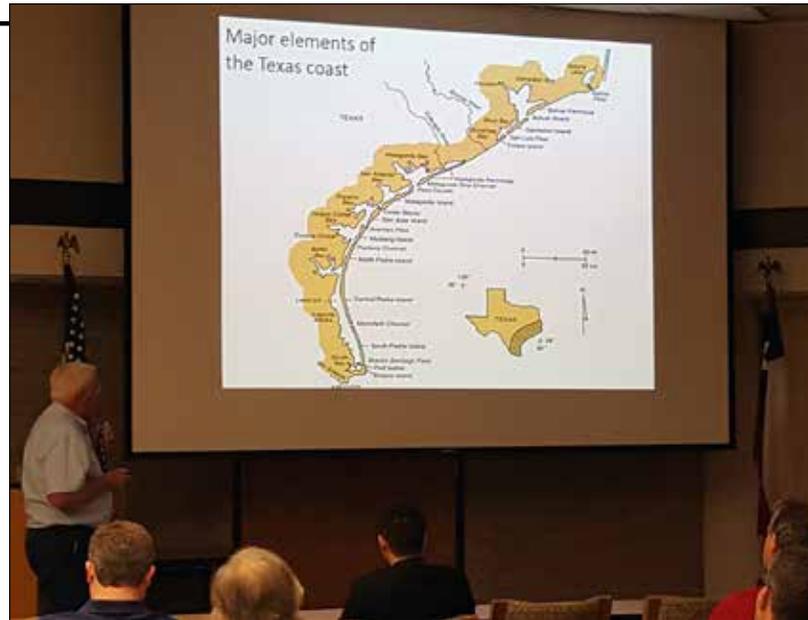
coastal profession and his home state of Hawaii. Following lunch, the Hawaii Chapter led a technical site tour to several areas of interest in Waikiki.

Texas Chapter

By JOHN LEE, Texas Chapter Vice President

The Texas Chapter held its second annual Symposium over two days on March 31 and April 1 at the University of Texas Marine Science Institute (UTMSI) located in beautiful Port Aransas. The symposium began with an afternoon field trip that was well attended and required two 15-passenger vans to transport all of the participants. ASBPA's National Executive Director Derek Brockbank traveled from Washington, DC, to be a part of both the field trip and proceedings during the symposium. Students also traveled from around the state to attend including a group from Texas Christian University in Fort Worth.

In keeping with the symposium's theme of "Texas Shorelines — Bays to Beaches," with stops around the Port Aransas area and on North Padre Island, the field trip provided participants an excellent opportunity (in a short period of time) to experience the diversity of the Texas coast. The field trip was developed and led by Dr. Skip Davis (retired) and Dr. Jim Gibeaut, both from the Harte Research Institute (Texas A&M) in Corpus Christi, Texas, and well known and greatly respected for their many academic contributions. Their in-



Dr. Skip Davis offered Texas Chapter symposium attendees an overview of the Texas coast.

volvement with the Texas Chapter has helped validate and enhance the chapter's efforts to increase student and academic participation.

Prior to the symposium, the Texas Chapter board of directors voted to fund the cost of ASBPA memberships for all students presenting at the symposium. Ultimately, two students were included in the symposium program: Shelby Bessette from the University of Texas Rio Grande Valley and Philippe Wernette from Texas A&M University. The chapter welcomes both students as new members into ASBPA and the Texas Chapter.

The symposium began on Friday morning with a welcome from the UTMSI director to the more than 75 attendees. Twenty-one presentations throughout the day covered a wide range of topics including the chemistry of oil spills, nearshore currents, beach visitation benefit calculations, and a presentation by Derek Brockbank, just to name a few. Following the final presentation, a poster session with four participants was conducted.

Symposium activities concluded with closing remarks from Symposium Program Chair Cris Weber at 5:45 p.m.

Funding for the symposium was generously provided by five corporate sponsors: Atkins Global Engineering, Freese and Nichols Engineering, Great Lakes Dredge and Dock Company, HDR Engineering, and Naismith Marine Services. As a result of their generosity there has not been any cost to chapter members for either of the two chapter symposiums, field trips or lunches.

It was a great program and the Texas Chapter would like to thank all of those who worked so hard to make it such a success. Jace Tunnel and Dana Sjostrom at University of Texas Marine Science Institute were indispensable in the operation and success of the program. In the very near future the chapter intends to upload all 21 of the symposium presentations to the chapter website. Please be looking for the notification email when the presentations have been uploaded. ❖

American Beach News Service

Tsunamis: One of the coast's most destructive forces

Although March 27 through April 2 is generally recognized as Tsunami Preparedness Week, different states designate different times (though most choose March and April). Those who live on the U.S. East Coast are used to hurricane preparedness, preparing for tsunamis is very different. Some Americans live in higher risk areas for tsunamis, while others may visit one either for pleasure or business.

According to the National Weather Service, a tsunami is one of the most powerful and destructive natural forces. It is a series of waves (not just one) caused by a large and sudden disturbance of the sea. Tsunami waves radiate outward in all directions from the disturbance and can move across entire ocean basins. Most tsunamis are caused by undersea earthquakes, but can also be caused by landslides, volcanic activity, certain types of weather and meteorites. Not all earthquakes cause tsunamis.

Luckily, tsunamis are the rarest of Earth's natural hazards. Each year, a couple of tsunamis cause damage near their source. Although they can strike any U.S. coast, the greatest risk is for states and territories fronting the Pacific or Caribbean. They have no season.

Unlike hurricanes — which we usually can track its path and prepare for in the days before landfall -- warnings before tsunamis are often short.

Like hurricanes, there are several levels of warnings:

- **Tsunami Warning:** Take action — danger! A tsunami that

may cause widespread flooding is expected or occurring. Dangerous coastal flooding and powerful currents are possible and may continue for several hours or days after initial arrival. Follow instructions from local officials. Evacuation is recommended. Move to high ground or inland.

- **Tsunami Advisory:** Take action — a tsunami with potential for strong currents or waves dangerous to those in or very near the water is expected or occurring. There may be flooding of beach and harbor areas. Stay out of the water and away from beaches and waterways. Follow instructions from local officials.

- **Tsunami Watch:** Be aware — a distant earthquake has occurred. A tsunami is possible. Stay

tuned for more information. Be prepared to take action if necessary.

- **Tsunami Information**

Statement: Relax — an earthquake has occurred, or a tsunami warning, advisory or watch has been issued for another part of the ocean. Most information statements indicate there is no threat of a destructive tsunami.

Awareness is important for both residents and visitors. The key take-away is to move to higher ground and stay there. Sometimes the waves may not arrive for hours. Although the likelihood of a tsunami is not high even in areas that are “in the zone,” being aware of your surroundings and following warnings is critical.

For further information, go to <http://tsunamizone.org/>. ❖

CONFERENCES

- **June 21-23, 2016,** “From Sail to Satellite: Delivering Solutions for Tomorrow’s MTS,” Washington, DC. Details at: <http://www.cvent.com/events/from-sail-to-satellite-delivering-solutions-for-tomorrow-s-mts/event-summary-5a62122d2eb-748979bea7be80c4503c2.aspx>

- **Sept. 14-16 2016:** FSBPA Annual Conference at the Naples Grande, Naples, FL. Details at www.fsbpa.com

- **Oct. 25-28, 2016:** ASBPA's National Coastal Conference, Ocean Place Resort, Long Branch, NJ. Abstracts due May 9; details to come at www.asbpa.org.

- **Feb. 28-March 2, 2017:**

ASBPA Coastal Summit, Washington, DC. Details to come at www.asbpa.org. ❖

Florida and Pacific coast sea turtles no longer endangered

NOAA Fisheries and the US Fish & Wildlife service have issued a final rule that will revise the listing for green sea turtles under the Endangered Species Act, including reclassifying turtles originating from two breeding populations from endangered to threatened status due to successful conservation efforts.

American Beach News Service

Don't take your coast for granted

It's too easy to take the coast (and good coastal management) for granted.

Some of this is human nature, of course. People are drawn to disaster and destruction, not so much to resilience and recovery. "Dog bites man" is not news, but "man bites dog" might be. So, too, it is with natural disasters.

So, when coastal storms roar in, every news outlet is looking for the washed-out road and destroyed dwellings – not the resilient coastline where good management and anticipation keeps the worst of the storm at bay. The lead story is the dire destruction wrought by nature – not the wide beach, high dunes and solid building codes that kept the worst of the waves and winds well away from upland properties and infrastructure.

Think about the millions of people who flock to our nation's coastlines every year seeking a break from their busy lives and a little time in the sand and sun. Do they worry about how that beach is maintained, the work that is put in to making the coast a healthy and happy place to play? Do they recognize that those wide beaches and lush vegetation don't just happen, but are often the result of major public works projects and a lot of local effort and funds?

Not likely. They're probably just looking for a good spot in the sand to enjoy a fun day at the beach. The work, planning and time it takes to make that postcard-perfect beach is the last thing on their minds – and rightly so, since they're looking for a respite, not a

reality check.

But it is important that the benefits of healthy beaches are brought to the forefront sometimes:

Public understanding builds public support. When people understand what it takes to make (and keep) a beach healthy, they're more likely to support the planning and price tag that goes along with it.

Public support builds political support. That's valuable since most beach management and restoration efforts eventually require political approval to move forward. If the public understands the value of a healthy coastline – and is willing to pay the price necessary to ensure that – the politicians will follow close behind.

Public and political backing means plans can be made to keep a coast healthy. Wide beaches, high dunes and sound building and land use practices don't happen overnight, but are the result of

Coastal Barrier Resources System maps available

The U.S. Fish and Wildlife Service (Service) has released final revised Coastal Barrier Resources System (CBRS) maps for all CBRS units in Alabama, Georgia, Michigan, Minnesota, Mississippi, Ohio, Wisconsin, the Great Lakes region of New York, 125 units in Florida, and seven units in Louisiana. These maps became effective on March 14, 2016, with the publication of a notice in the Federal Register. For additional information, including the new official maps, visit www.fws.gov/CBRA. ❖

years of public and private efforts to make a coastlines more resilient, better able to resist storm damage and recover after the winds and waves subside. When the people and the governments along the coast understand that, the long-term efforts necessary for a healthy shoreline are much more likely to happen.

When it comes to the coast, an ounce of prevention is truly worth a pound of cure.

It costs millions to restore a beach with wide shores and high dunes. But it will cost billions to rebuild the upland property and infrastructure if those protective beaches and dunes are not in place when a storm strikes.

It costs thousands to preserve or restore coastal habitat, protect a unique species and provide for hale and healthy ecosystems. But you can't put a price on the impact that environmental degradation and species endangerment can have to a community and all the critters who live there.

And it can cost millions to keep an area's natural coastal assets in good shape to attract new residents, visitors and businesses. But if those assets are left to languish and lose their luster, and those residents, visitors and businesses move on, the impact on the coastal economy and on the governments who benefit from its volume and vibrancy starts in the billions and goes up from there.

It's one thing for the media, tourists and visitors to take the coast for granted. But those who live and work there, who rely on it for their livelihoods and their lives, can never underestimate the value of a healthy coast. ❖