In partnership with
SARASOTA BAY ESTUARY PROGRAM
Restoring Our Bays

is proud to partner with our generous sponsors

Diamond ($5,000)  Platinum ($2,500)

Herald-Tribune media group  GULF COAST COMMUNITY FOUNDATION

Gold ($1,000)

Silver ($500)

Bronze ($250)

Triple 3 Marketing, LLC • Reef Innovations • Kimley-Horn & Assoc., Inc.
Conservation Foundation of the Gulf Coast • Stantec • Earth Balance
Science and Environment Council • Urban Interactive Studio, LLC • QR4 Europe
## Program Schedule at a Glance

### Day 1: Wednesday February 15, 2012, Sudakoff Center

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>8:45</td>
<td>Welcome – Dr. Gordon E. Michalson, Jr., President, New College of Florida</td>
</tr>
<tr>
<td>9:00</td>
<td>Plenary Keynote – Cynthia Barnett, Journalist and Author</td>
</tr>
<tr>
<td>9:45</td>
<td>Featured Presentation – The Water Atlas</td>
</tr>
<tr>
<td>10:00</td>
<td>Break</td>
</tr>
<tr>
<td>10:15</td>
<td>Session 1 Plenary Roundtable: Habitat Connections (see page 6)</td>
</tr>
<tr>
<td>11:15</td>
<td>Session 1 Concurrent Breakout Group Discussions: Habitat Connections</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30</td>
<td>Session 2 Plenary Roundtable: Science-Policy Connections (see page 7)</td>
</tr>
<tr>
<td>2:30</td>
<td>Extended Break for Browsing Posters</td>
</tr>
<tr>
<td>3:00</td>
<td>Session 3 Plenary Roundtable : Socio-Economic Connections (see page 8)</td>
</tr>
<tr>
<td>4:00</td>
<td>Break</td>
</tr>
<tr>
<td>4:15</td>
<td>Session 3 Concurrent Breakout Group Discussions: Socio-Economic</td>
</tr>
<tr>
<td>5:15</td>
<td>Poster Reception at Sudakoff Center (see page 9-11)</td>
</tr>
</tbody>
</table>

### Day 2: Thursday February 16, 2012, Sudakoff Center

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>8:45</td>
<td>Welcome – Mark Alderson, Director, Sarasota Bay Estuary Program</td>
</tr>
<tr>
<td>9:00</td>
<td>Session 4 Plenary Roundtable: Palma Sola Bay (see page 12)</td>
</tr>
<tr>
<td>10:00</td>
<td>Break</td>
</tr>
<tr>
<td>10:15</td>
<td>Session 4 Concurrent Breakout Group Discussions: Palma Sola Bay</td>
</tr>
<tr>
<td>11:15</td>
<td>Session 5 Plenary Roundtable: Phillippi Creek Basin and Roberts Bay North (see page 13)</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30</td>
<td>Session 5 Concurrent Breakout Group Discussions: Phillippi Creek Basin</td>
</tr>
<tr>
<td>2:30</td>
<td>Break</td>
</tr>
<tr>
<td>2:45</td>
<td>Session 6 Plenary Roundtable: Sarasota Bay (see page 14)</td>
</tr>
<tr>
<td>3:34</td>
<td>Lunch</td>
</tr>
<tr>
<td>4:00</td>
<td>Session 6 Concurrent Breakout Group Discussions: Sarasota Bay</td>
</tr>
<tr>
<td>5:00</td>
<td>Bayfront Reception at College Hall</td>
</tr>
</tbody>
</table>

### Day 3: Friday February 17, 2012, Sudakoff Center

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>8:45</td>
<td>Welcome – Michael Crosby, Senior VP for Research, Mote Marine Laboratory</td>
</tr>
<tr>
<td>9:00</td>
<td>Plenary Keynote – Joe Tankersley, Futurist and Storyteller</td>
</tr>
<tr>
<td>9:30</td>
<td>Visioning Session (see page 15)</td>
</tr>
<tr>
<td>11:00</td>
<td>Session 7 Plenary Roundtable: Visioning (see page 15)</td>
</tr>
<tr>
<td>11:15</td>
<td>Break</td>
</tr>
<tr>
<td>12:05</td>
<td>Synthesis - Listening Session (see page 15)</td>
</tr>
<tr>
<td>12:30</td>
<td>Closing</td>
</tr>
</tbody>
</table>
Message from Dr. Gordon E. “Mike” Michalson, Jr., President, New College of Florida

Welcome to New College, the State of Florida’s legislatively designated "Honors College for the Liberal Arts." At New College, we take the life of the mind seriously and believe that with great challenge also comes great reward. Here, students and faculty work together to explore subjects and ideas in depth yet with a sense of personal freedom that allows students to pursue their own educational interests and goals in a directed, thoughtful and disciplined fashion. These are qualities that can be found only at a select handful of colleges around the country, and we are proud to be among them.

Symposium Steering Committee

Julie Morris, New College of Florida
Frank Alcock, New College of Florida
David Brain, New College of Florida
David Shafer, New College of Florida
Jennifer Shafer, New College of Florida
Mark Alderson, Sarasota Bay Estuary Program
Jay Leverone, Sarasota Bay Estuary Program
Sara Kane, Sarasota Bay Estuary Program
Alison Albee, City of Sarasota
Greg Blanchard, Manatee County
Theresa Connor, Sarasota Science and Environment Council
Michael Crosby, Mote Marine Laboratory
Tim MacDonald, Florida Wildlife Research Institute
Judy Ott, Charlotte Harbor National Estuary Program
Ann Paul, Audubon of Florida
John Ryan, Sarasota County
Jennette Seachrist, Southwest Florida Water Management District
Ed Sherwood, Tampa Bay Estuary Program
John Stevely, Florida Sea Grant
Stephen Suau, Progressive Water Resources

Acknowledgements

Major funding for the Symposium was provided through a New Florida Initiative Grant to New College of Florida for the Coastal Watershed Initiative, a multi-component project designed and implemented by Julie Morris, Jennifer Shafer and David Shafer. The Sarasota Bay Estuary Program Staff, the Steering Committee and more than 80 others contributed their expertise, creative ideas and time in planning the Symposium Program. Significant logistical support was provided by the energetic New College staff in the Office of the Provost, Public Affairs, Information Technology and the New College Foundation, in particular Nicole Van der Berg, Jake Hartvigsen, Lynn Riechmann, Jeff Thomas, Frank Bonilla and many New College students.
KEYNOTE SPEAKERS

Wednesday February 15, 2012, 9:00 am
The Secret Watershed: Restoring history & nature in a lost landscape
Cynthia Barnett, Journalist and Author

Cynthia Barnett is a long-time journalist who has reported on water issues from the Suwannee River to Singapore. She is author of the new book Blue Revolution: Unmaking America’s Water Crisis, which calls for a water ethic for America.

The Boston Globe describes Ms. Barnett’s author persona as “part journalist, part mom, part historian, and part optimist.” The Los Angeles Times writes that she “takes us back to the origins of our water in much the same way, with much the same vividness and compassion as Michael Pollan led us from our kitchens to potato fields and feed lots of modern agribusiness.”

Ms. Barnett’s previous book, Mirage: Florida and the Vanishing Water of the Eastern U.S., won the gold medal for best nonfiction in the Florida Book Awards and was named by The St. Petersburg Times as one of the top 10 books that every Floridian should read. “In the days before the Internet,” the Times said in a review, “books like Rachel Carson’s Silent Spring and Marjory Stoneman Douglas’ River of Grass were groundbreaking calls to action that made citizens and politicians take notice. Mirage is such a book.”

Friday February 17, 2012, 9:00 am
Imagining a World of Sustainable Abundance
Joe Tankersley, Futurist and Storyteller, Unique Visions

Joseph Tankersley is a storyteller, futurist and creator of immersive experiences. For over 25 years he has helped organizations create compelling messages about their goals and visions for the future. He has worked with national and international corporations, NGO’s and governments. Joe employs a wide range of media tools; from oral storytelling to feature films and fully immersive physical environments to help communicate these messages of better tomorrows.

As a result of his experience, Joe is a passionate believer in the power of story as a tool for creating positive futures. He has led workshops in North America and Europe teaching diverse groups how to use narrative tools to create and implement visionary strategic plans.

His most recent projects have combined cutting edge storytelling and game technologies to create immersive activities that “entertain, enlighten and empower.” The ultimate goal of all his work is to continue to create messages that promote positive change and to share with others the best practices for effective communication in the digital age.

Joe is a long-time member of the World Future Society, former member of the Board of Directors of the Global Future Forum and current member of the Board of Directors of the Association of Professional Futurists.
SESSION 1: Habitat Connections

Wednesday February 15, 2012
10:15-11:15 Roundtable Panel Discussion
Moderator: Tom Tryon, Sarasota Herald Tribune
Panelists: Jon Thaxton, Sarasota County Board of County Commissioners
          Rhonda Evans, US Environmental Protection Agency
          Kellie Dixon, Mote Marine Laboratory
          Tim MacDonald, Fish & Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission
Topics: Habitat Alteration: Impacts to habitat connectivity and function
       Hydrology: Flow volume and frequency create dynamic habitat
       Aquatic vegetation: essential habitat, habitat buffer, and primary producers
       Fisheries: Habitat linkages and estuarine-dependent fish

11:30-12:30 Concurrent Breakout Discussion Groups (location descriptions page 16)
I. Design, permitting and incentives for waterway buffers and living shorelines (SUD-A)
   Discussion Leaders: Rhonda Evans, EPA and Matt Osterhoudt, Sarasota County
II. Science-policy disconnects, unintended consequences, role of citizens (SUD-B)
   Discussion Leader: Jon Thaxton, Sarasota County Board of County Commissioners
III. Enhancing juvenile fish habitat for improved fisheries – physiologic refugia, hotspots (SUD-C)
    Discussion Leader: Tim MacDonald, Fish & Wildlife Research Institute
IV. The interaction of nutrients, rainfall, algae blooms and seagrass (SUD-D)
    Discussion Leader: Kellie Dixon, Mote Marine Laboratory and Kris Kaufman, Southwest Florida Water Management District
V. Priorities for Research: What gaps in knowledge should be addressed next? (HCL-7)
   Discussion Leader: Jim Culter, Mote Marine Laboratory
VI. Strategies for communicating science and scientific uncertainty to the public (HCL-8)
    Discussion Leaders: Kate Spinner, Sarasota Herald Tribune and Amber Whittle, Fish & Wildlife Research Institute
SESSION 2: Science-Policy Connections

Wednesday February 15, 2012
1:30-2:30 Roundtable Panel Discussion
Moderator: Scott Dennis, ABC 7 News
Panelists: Frank Alcock, New College of Florida
          Theresa Conner, Sarasota County Environmental Services
          Thomas Reis, Scheda Ecological
          Matt Osterhoudt, Sarasota County Natural Resources
Topics: The science-policy connection: The good, the bad, the ugly
       Success Stories: Local examples where science and policy work
       Red tape: Regulatory obstacles to habitat improvement and restoration
       Science-policy disconnect: Case study of mangrove management

No Breakout Discussions Scheduled
SESSION 3: Socio-Economic Connections

Wednesday February 15, 2012
3:00-4:00 Roundtable Panel Discussion

Moderator: Mark Huey, Sarasota County Economic Development Council
Panelists: Paul Hindsley, Eckerd College
Rex Jensen, Schroeder-Manatee Ranch
Verona Morse, Pelican Cove Homeowner's Association
Heidi Harley, New College of Florida

Topics:
How does the environmental quality of bays and wetlands influence our economic well-being?
How do bay and watershed stewardship figure into the business of real estate and development?
How can individual and collective actions improve bays and watersheds?
What experiences affect people’s choices and behaviors to be better bay and watershed stewards?

4:15-5:15 Concurrent Breakout Discussion Groups

I. Is watershed stewardship good for business? (SUD-A)
   Discussion Leader: Rex Jensen, Schroeder-Manatee Ranch

II. Economic valuation of Sarasota Bay (SUD-B)
   Discussion Leaders: Paul Hindsley, Eckerd College and Zachary Cole, University of Florida

III. Limits and possibilities for motivating behavior change: A psychological perspective (SUD-C)
   Discussion Leaders: Heidi Harley and Gordon Bauer and Stephen Graham, New College of Florida

IV. Improving science education: Making connections between scientists and educators (SUD-D)
   Discussion Leaders: Barbara Spector, University of South Florida and Myriam Springuel, Science and Environment Council of Sarasota County

V. Opportunities for neighborhood environmental stewardship (HCL-7)
   Discussion Leaders: Rob Wright and Vicki French, Sarasota County

VI. Collaborative solutions to watershed management (HCL-8)
   Discussion Leader: David Brain, New College of Florida
Wednesday February 15, 2012
5:15-6:30 pm

Poster Titles (alphabetical by author)

Sarasota Bay Prop Scars: Causes, Impact and Healing of Scarring in a Dynamic Seagrass Habitat
   Lauren Ali, New College of Florida  (lauren.ali@ncf.edu)
   Kelsey Dolan, New College of Florida
   Richard Schader, New College of Florida
   Adrian Rosario, New College of Florida

Conservation Foundation of the Gulf Coast - Siesta Key Preserve
   Lee Amos, Conservation Foundation of the Gulf Coast  (lee@conservationfoundation.com)

Florida Shorebird Alliance - Florida's Shorebird Partnership Network
   Naomi Avissar, Florida Fish and Wildlife Conservation Commission (naomi.avisser@myfwc.com)
   Chris Burney, Florida Fish and Wildlife Conservation Commission
   Nancy Douglass, Florida Fish and Wildlife Conservation Commission

Preserving Regional Heritage with the New College Public Archaeology Lab
   Uzi Baram, New College of Florida  (Baram@ncf.edu)
   Sherry Svekis, New College Public Archaeology Lab

Blue Carbon in the Everglades Watershed: a Preliminary Measurement of Century-scale Burial Rates in Mangrove Sediments
   Joshua Breithaupt, University of South Florida, Environmental Science, St. Petersburg, FL  (jlbreith@mail.usf.edu)
   Joseph M. Smoak: University of South Florida, Environmental Science, St. Petersburg, FL
   Thomas J. Smith, III: U.S Geological Survey, Southeast Ecological Science Center, St. Petersburg, FL
   Christian J. Sanders: Universidade Federal de Fluminense (UFF), Departamento de Geoquimica, Niterii-RJ, Brazil

Communicating Sea Level Rise Adaptations in the Restoration Process
   Melissa Cain Nell, Manatee County Natural Resources  (melissa.nell@mymanatee.org)

Mapping Social Values of Coastal Use Relative to Ecosystem Services in Sarasota Bay
   Zachary Cole, Department of Tourism, Recreation, and Sport Management, University of Florida  (zaccole@hhp.ufl.edu)
   Alisa Coffin, United States Geological Survey
   Robert Swett, Florida Sea Grant, University of Florida
   Stephen Holland, Department of Tourism, Recreation, and Sport Management, University of Florida

Bringing History to Life: Linking Water, History and Technology
   Amanda Dominguez, Sarasota County  (adomingu@scgov.com)
   John Ryan, Sarasota County
   Jodi Pracht, Sarasota County
   Erin Dean, New College of Florida

Sarasota Bay Watershed Guide
   Gail Donovan, New College of Florida  (gdonovan@ncf.edu)

The Silting in of Sarasota Bay
   Dudley Fort, Sarasota Bay Estuary Program  (sf260w@yahoo.com)

Watershed Planning in Sarasota County
   Lisa Foster, Jones Edmunds  (lfoster@jonesedmunds.com)

An Art School, a Marine Lab, and a Toxic Dinoflagellate: A Collaboration for Improved Public Outreach
   Emily Hall, Mote Marine Laboratory, Ringling College of Art and Design  (emily8@mote.org)
   Anamari Boyes, Manatee County Water Plant QC Laboratory, Ringling College of Art and Design
   Katherine Nierenberg, Mote Marine Laboratory
   Barbara Kirkpatrick, Mote Marine Laboratory
Patterns in Community Structure of Phytoplankton in Relation to Environmental Data in Sarasota Bay
   Emily Hall, Mote Marine Laboratory (emily8@mote.org)
   Brad Pederson, Integrated Systems, Inc.
   L. Kellie Dixon, Mote Marine Laboratory
   Gary Kirkpatrick, Mote Marine Laboratory

American Oystercatcher Chick Development: Hatching to Fledging
   Ann Hodgson, Resource Designs, Inc. (ahodgsonphd@gmail.com)
   Ann Paul, Audubon Florida
   Mark Rachal, Audubon Florida
   Carol Cassels, Audubon Florida

Historical Land Use Analysis: Sarasota Bay and Roberts Bay Watersheds, 1948-2009
   Max Imberman, New College of Florida (miberman@ncf.edu)
   Travis Small, New College of Florida
   Jennifer Shafer, New College of Florida

Nekton Abundance, Distribution and Community Structure in Four Adjacent West Central Florida Estuaries
   Ryan Jones, Florida Fish and Wildlife Conservation Commission /Fish & Wildlife Research Institute (Ryan.Jones@myfwc.com)
   Eric Weather, Florida Fish and Wildlife Conservation Commission /Fish & Wildlife Research Institute
   Timothy C. MacDonald, Florida Fish and Wildlife Conservation Commission /Fish & Wildlife Research Institute

Preparing for Sea Level Rise Scenarios in the Sarasota Bay NEP Region
   Sara Kane, Sarasota Bay Estuary Program (sara@sarasotabay.org)
   Barbara Lausche, Mote Marine Laboratory

Sarasota Bay Estuary Program: Oyster Habitat Assessment and Restoration in Sarasota Bay, Florida
   Jay Leverone, Sarasota Bay Estuary Program (jay@sarasotabay.org)

Water Quality in Runoff Around the Sarasota Bay
   Krystaal McClain, New College of Florida (krystaal.mcclain@ncf.edu)
   Madeleine Verbeek, New College of Florida

A Tidal Creek Condition Index for Sarasota County Florida
   Kathryn L. Meaux, Sarasota County (kmeaux@scgov.net)
   E. D. Estevez, Mote Marine Laboratory
   R. A. Janneman, Sarasota County

Pelican Cove Tackles Run-off into Little Sarasota Bay
   Verona Morse, Pelican Cove Condo (wmorse8@verizon.net)

Borrow Pit Restoration: Replanting a Newborn Lagoon while Establishing Community Buy-In
   Melissa Nell, Manatee County Natural Resources (melissa.nell@mymanatee.org)
   Keith Bettcher, Manatee County Natural Resources (formerly)

Ambient Water Quality Monitoring of Sarasota County Bays
   Ari Nissanka, Mote Marine Laboratory (ari@mote.org)
   Kellie Dixon, Mote Marine Laboratory
   Patricia Minotti, Mote Marine Laboratory
   Camia Charmiga, Mote Marine Laboratory

The Watershed and You
   Rogene Patterson, Science and Environment Council (rogene@springuelconsulting.com)

Nesting Colonial Waterbirds of the Sarasota Bay Estuary
   Ann Paul, Audubon Florida (apaul@audubon.org)
   Mark Rachal, Audubon Florida

Derelict Fishing Gear: Wildlife Killer
   Mark Rachal, Audubon Florida (mrachal@audubon.org)
   Ann Paul, Audubon Florida
   David Shafer, Sarasota Bay Watch
   Jennifer Shafer, Sarasota Bay Watch
A Fertilizer & Landscape Management Code Comparison Summary  
Angelo Randaci, Sarasota County Extension  (arandaci@scgov.net)  
Don Rainey, Sarasota County Extension

Sarasota Bay Estuary Program's Five Year Habitat Restoration Plan  
Dianne Rosensweig, Scheda Ecological Associates, Inc./Sarasota Branch Manager/Senior Scientist  (Dianne@scheda.com)

Interaction of Water Quality Near the Passes  
John Ryan, Sarasota County  (jryan@scgov.net)

Laser Focus on Restoring Bay Scallops  
Ronda Ryan, Sarasota Bay Watch  (milkweed3@verizon.net)

Categorizing Litter Deposited on Lido Beach, Sarasota, FL  
Puneet Sandhu, Division of Natural Science, New College of Florida  (puneet.sandhu@ncf.edu)

Sarasota Bay Estuary Program Community Involvement  
Christine Sciarrino, Sarasota Bay Estuary Program  (info@sarasotabay.org)

Planning for Sea Level Rise and Storm Surge Vulnerability in a Coastal Community  
Jennifer Shafer, Shafer Consulting  (jennifer@shafer-consulting.org)  
Helene Wetherington, Calvin Girordano & Assoc

Developing Vehicles and Skills to Communicate About Climate Change  
Barbara Spector, University of Florida  (spector2@usf.edu)  
Melissa Nell, Manatee County Natural Resources Department  
Cheryl Berry, Pasco County Schools  
Alfred Rene Papagoytia, Earth Force

Graduate Climate Change Education Online  
Barbara S. Spector, University of South Florida  (spector2@usf.edu)  
Megan Ehlers, Sarasota High School  
Amy Basham, Hebrew Academy  
Melissa Nell, Manatee County Natural Resources Department

4-H Coastal Science Education  
Keith Wilson, Sarasota County 4-H  (kwilson@scgov.net)

The Wrack Community  
Dawn Witherington, Inwater Research Group  (dewlap27@earthlink.net)
SESSION 4: Palma Sola Bay Watershed

Thursday February 16, 2012
9:00-10:00 Roundtable Panel Discussion
Moderator: Nick Baden, Manatee County Historical Commission
Panelists: Barry Wharton, HDR-EOC
Charlie Hunsicker, Manatee County Natural Resources
Kathe Tupin Fannon, Captain Kathe Boat Tours
Topics: History of land use changes in Palma Sola Bay Watershed
Habitats, water quality and circulation in Palma Sola Bay
Recreational use of Palma Sola Bay
Policy challenges for Palma Sola Bay

10:15-11:15 Concurrent Breakout Discussion Groups
I. Growth planning, density and jurisdictional control in coastal high hazard areas (SUD-A)
   Discussion Leader: Tony Rodriguez, Manatee County
II. Envisioning a healthy future for Palma Sola Bay – next steps (SUD-B)
   Discussion Leader: Ingrid McClellan, Keep Manatee Beautiful and Seth Kohn, City of Bradenton
III. Innovative strategies for stormwater management for Palma Sola (SUD-C)
   Discussion Leader: Charlie Hunsicker, Manatee County
IV. Assessment, monitoring and protection of small tidal tributaries (SUD-D)
   Discussion Leader: Mike Wessel, Janicki Environmental
V. The Educator’s Toolkit: Reaching audiences through social media and new technologies (HCL-7)
   Discussion Leader: Melissa Nell, Manatee County
VI. Management and restoration of bird island rookeries (HCL-8)
   Discussion Leaders: Ann Paul and Mark Rachal, Audubon of Florida and Rob Patten, Coastal Dunes, Inc

Learn More
Homeowner’s low-impact development Q&A - Molly Williams, Stantec (SUD LOBBY)
Water Atlas demonstration – The Water Atlas Team, University of South Florida (SUD LOBBY)
SESSION 5: Phillippi Creek Basin and Roberts Bay North Watershed

Thursday February 16, 2012

11:30-12:30 Roundtable Panel Discussion
Moderator: Richard Martin, Former Mayor, City of Sarasota
Panelists: Kelly Westover, Sarasota County Environmental Services
Steve Suau, Progressive Water Resources
JP Marchand, Kimley-Horn and Associates
Jeanne Dubi, Audubon of Sarasota

Topics:
- History of land use, drainage, and hydrologic change: Dikes, ditches and diversions
- Challenges of stormwater runoff: Can we restore flow, salinity regime and water quality and prevent flooding?
- Retrofit and restoration projects: Can an engineered problem have an engineered solution?
- Outreach and Ecotourism: Where wildlife and people meet

1:30-2:30 pm Concurrent Breakout Discussion Groups

I. Retrofitting stormwater infrastructure and Celery Fields restoration: Lessons learned (SUD-A)
   Discussion Leader: JP Marchand, Kimley-Horn & Associates

II. The future of Southwest Florida Water Management District policy (SUD-B)
   Discussion Leaders: Dave Rathke and Terri Behling, Southwest Florida Water Management District

III. Ecotourism and birding (SUD-C)
   Discussion Leaders: Jeanne Dubi, Audubon of Sarasota and Karen Fraley, Around The Bend, Inc and John McCarthy, Sarasota County

IV. Science, community and political will for implementing new technologies (SUD-D)
   Discussion Leader: Steve Suau, Progressive Water Resources and Richard Martin, Former Mayor, City of Sarasota

V. Oysters and freshwater flow: Strategies for oyster restoration (LBR-250)
   Discussion Leaders: Jay Leverone, Sarasota Bay Estuary Program and Mike Jones, Sarasota County

VI. Sport fisheries and marine fisheries enhancement (LBR-156)
   Discussion Leader: Ken Leber, Mote Marine Laboratory

Learn More
Homeowner's low-impact development Q&A - Molly Williams, Stantec (SUD LOBBY)
Water Atlas demonstration - The Water Atlas Team, University of South Florida (SUD LOBBY)
SESSION 6: Sarasota Bay Watershed

Thursday February 16, 2012
2:45-3:45 Roundtable Panel Discussion

Moderator: Joan Krauter, Bradenton Herald
Panelists: Jay Leverone, Sarasota Bay Estuary Program  
Steve Long, Logan & Long, Inc  
Molly Williams, Stantec  
Tim Rumage, Ringling College of Art and Design
Topics: The Sarasota Bay seagrass story: How regulatory targets drive innovation in redevelopment  
Retrofitting coastal neighborhoods: Low-impact (re)development in Indian Beach and Sapphire Shores  
Retrofitting the urban core: Stormwater master planning for the City of Sarasota  
Communication is key: Using new media and design to convey the science and technology of low impact development

4:00-5:00 Concurrent Breakout Group Discussions
I. Coastal wildlife conservation and shoreline management (SUD-A)
   Discussion Leader: Blair Hayman and Tom Ostertag, Florida Fish and Wildlife Conservation Commission
II. Sustainable seafood: Making a market for local catch (SUD-B)
   Discussion Leaders: Ed Chiles, Chiles Restaurant Group and Karen Bell, A.P. Bell Fish Market
III. Homeowner incentives for urban waterway stewardship and shoreline restoration (SUD-C)
   Discussion Leader: Tim Rumage, Ringling College of Art and Design
IV. City of Sarasota Urban Stormwater Master Planning with Low-Impact Development (SUD-D)
   Discussion Leaders: Timothy Roane and Kreg Maheu, DMK and Associates
V. Sea level rise adaptation planning (LBR-250)
   Discussion Leaders: Frank Alcock, New College of Florida and Sara Kane, Sarasota Bay Estuary Program
VI. Citizen science initiatives: Organizing and educating citizen scientists (LBR-248)
   Discussion Leaders: Julie Byrne, Audubon of Sarasota and Andy Mele, Sarasota Bay Watch

Learn More
Homeowner's low-impact development Q&A - Molly Williams, Stantec (SUD LOBBY)  
Water Atlas demonstration - The Water Atlas Team, University of South Florida (SUD LOBBY)
VISIONING SESSION

Friday February 17, 2012
9:00-11:00

Imagining a World of Sustainable Abundance
Presented and Facilitated by Joe Tankersley, Unique Visions, Inc

Visioning Goal
Participants will begin the process of creating a positive vision for the future of the Sarasota Bay Watershed.

Visioning Process
The group will be given the assignment of developing a series of “stories” that focus on specific individuals living in the area 25 years in the future. By developing stories that center on individuals, we can begin to explore possible futures in realistic terms and develop a broadly diverse image of the opportunities and challenges presented by our preferred future.

SYNTHESIS SESSION

Friday February 17, 2012
11:15-12:15

Three people agreed to take on the special responsibility of synthesizing the best ideas and big questions emerging during the Symposium. Over the two and half days of meetings, they have been listening, conversing, reviewing notes from concurrent sessions, and studying posters. During this final session, they will present a science synthesis, a policy synthesis, and an education synthesis. Several members of the Sarasota Bay Estuary Program Policy Committee will be present to listen to the synthesis. There will also be time for additional synthesis comments from the participants.

Science Synthesizer: Jack Merriam
Policy Synthesizer: Kelly Kirschner
Education Synthesizer: Tommy Von Birch
GENERAL INFORMATION

Where are the Breakout Discussion Rooms? (see campus map on the back of this Program)

SUD-A, SUD-B, SUD-C, SUD-D: These four breakout rooms are in Sudakoff Center to the north and south of the main hall.

HCL-7 and HCL-8: Hamilton Center Classrooms are to the east of Sudakoff Center. Exit Sudakoff through the north sliding doors, turn right, and the Hamilton Classrooms will be on your left. HCL-7 and HCL-8 are at the east end of the Hamilton Classrooms building.

LBR-250, LBR-248: These Library classrooms are a short 5 minute walk from Sudakoff Center. Exit Sudakoff through the north sliding doors and turn left. Walk up the stairs and across the pedestrian bridge over US41. On the west end of the bridge, turn left to take the ramp instead of the stairs. The ramp will lead to doors for the second floor classrooms, LBR 250 and LBR 248.

LBR-156: This Library classrooms is a short 5 minute walk from Sudakoff Center. Exit Sudakoff through the north sliding doors and turn left. Walk up the stairs and across the pedestrian bridge over US41. Descend the stairs and ramp to ground level on the west end of the pedestrian bridge. LBR-156 will be on your left at the bottom of the ramp.

Where are the Meals and Receptions?

All meals will be served in the Lobby of Sudakoff Center. Your name badge serves as your meal and drink ticket. Please use your logo tumbler for coffee and/or water to reduce waste.

The Poster Reception Wednesday evening will be hosted in Sudakoff Center. The Bayfront Reception Thursday evening will be hosted on the Bayfront at College Hall, a 10 minute walk from Sudakoff Center. Exit Sudakoff through the north sliding doors and turn left. Walk up the stairs and across the pedestrian bridge over US41. Continue west across Bayshore Drive along the Dort Promenade through campus to College Hall, the pink marble former bayfront home of Charles Ringling. Proceed up the stairs and into the main lobby. Golf cart transportation is available. (See campus map on the back of this Program.)

How do I submit a message to the e-Message board?

Text "RETURN ID6250 your message " to 41411
Or submit through the web portal at http://m.textthemob.com/id6250

What is the coded square on my name badge?

This is your digital business card (known as a QR code) that contains your contact info as submitted at registration. You can collect contact info by scanning the QR Code with your mobile phone and the info goes straight to your Contacts. Recommended Apps for reading QR codes are: “Qrafter” or “BeeTagg”.

Where can I get more information about Coastal Watershed Issues and Symposium Proceedings?

Symposium website: www.sarasotawatershed.com
Live webcast: www.livestream.com/ncfedu
Symposium Wiki: www.sarasota.wateratlas.usf.edu/wiki
Water Atlas: www.sarasota.wateratlas.usf.edu
New College of Florida is the State of Florida's honors college for the liberal arts and sciences. Consistently ranked one of the nation’s best public colleges and a top Fulbright producer, New College specializes in student-centered learning, independent research and student-faculty collaboration.