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October 5, 2012

CITY COUNCIL
HONOLULU, HAWAII

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CITY CLERK
& C OF HONOLULU

The Honorable Ikaika Anderson, Chair
and Members of the Zoning and Planning Committee
530 South King Street, Room 202
Honolulu, Hawaii 96813

Re: Hoakalei Resort – Bill 65 (2012)

Dear Chair Anderson and Members of the Zoning and Planning Committee:

I have been dedicated to community waterfront development planning, design and engineering my entire professional career. I have also been working with Haseko on this project for 20 years. This has provided me with a thorough understanding of the community, along with the issues and opportunities surrounding waterfront development for this site.

Starting in 1992, I participated in the master planning for the full 1,100-acre development and led the marina conceptual design process. During the 2000s I was the Principal in Charge for the final design and construction phase for the harbor. Since then I have continued to consult periodically with Haseko on promenades, plazas, parks and the dockage layout issues for projects located both inside and around the basin.

When economic and market factors began to affect the financial feasibility of marina development, our SmithGroupJJR team was engaged to evaluate alternative scenarios for use of the basin. The initial recreational lagoon concepts emerged in May of last year, and we continue to refine the schematic design and preliminary engineering of these concepts. We have also conducted research on the economic impact of eco-tourism activities to inform these concepts.

The new vision for the Hoakalei lagoon addresses and synthesizes the overriding issues and opportunities in a comprehensive way – a way that balances current economic realities with long-term ecological and community benefits. It's a proven approach that reflects the triple bottom line of sustainability – a balance of economic growth, social progress and environmental stewardship.

The proposed recreational lagoon development is a great amenity for Hoakalei that will serve as both a visual and activity focal point for the entire development. The fact that we are linking all of the recreational destinations together with a well-designed pedestrian and bicycle greenway system will help these attractions improve the quality of life in the community and serve as a catalyst for development in the resort and commercial areas along the lagoon's edge. This new pathway will provide a continuous loop trail around the lagoon and provide a strong connection to the ocean recreation activities available at White Plains Beach and Oneula Beach Park along a mile and a half of ocean shoreline.

The recreational lagoon approach does not rule out a return to marina development at some point in the future, should economic and financial factors allow for this. It retains this flexibility while establishing an amenity that will serve both the resort and the greater community.

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Our experience with similar projects in terms of water quality, engineering, planning and design

As a longtime advocate and practitioner of evidence based design, I can tell you that the new vision for the Hoakalei lagoon has considerable depth and thought behind it. It stems from an interdisciplinary, environmentally based approach that our firm has practiced since we were founded 50 years ago. We bring together planners, landscape architects, architects, urban designers, civil and water resources engineers, ecologists, and environmental scientists to take a holistic look at waterfront development. We establish an environmental framework to ground our design and development decisions in the ecological and cultural dynamics of the site and the community, and then we use extensive modeling and testing to verify the quality and technical veracity of our design.

Our work has required us to create or restore numerous lakes, lagoons, ponds, wetlands, streams, beaches, and harbors throughout the U.S. and around the world. We have won numerous awards for this work – often specifically for the way in which we integrate public use and access with environmental protection and ecological integrity.

It is no exaggeration to say that SmithGroupJJR experts have written the book on water quality standards and industry leading design approaches for marine environments. Our staff played a leading role in authorship of the international PIANC Report 98-2008 “Protecting Water Quality in Marinas,” as well as the American Society of Civil Engineers’ Technical Manual 50, “Planning and Design Guidelines for Small Craft Harbors”. The water quality practices we advocate in these publications have helped established the benchmarks and principles used throughout our profession.

How the lagoon will provide the desired dynamic waterfront community

A dynamic waterfront community springs from a diversity of people participating in a variety of activities at different times of day and night. This diversity is central to the design program for the Hoakalei lagoon.

The proposed lagoon will support many activities: coves for swimming, canoe and kayak launches, snorkeling and scuba areas, wildlife habitat areas, a waterfront promenade, floating walkways, small islands, bridges, elevated overlooks, public gathering areas, sun decks, interpretive cultural displays, and trails. Given the lagoon’s large size, calm water and variety of spaces, many different events and activities can take place simultaneously. For example, a large outdoor event could take place in the center, while educational classes continued on the west side. The access to the ocean recreation activities (e.g. surfing, canoeing, etc.) at White Plains Beach is an added attraction that will energize the Hoakalei waterfront.

This variety of uses will also attract a diversity of users, including resort guests, other tourists, neighborhood residents, and the general public. With its many offerings, ranging from highly active recreational experiences to more passive, reflective activities, the lagoon will engage individuals, couples, families, and groups of all types. Restaurants, shops and snack stands located in the adjacent resort and commercial areas and interpretive facilities in conjunction with the Hoakalei Cultural Foundation will further activate the waterfront areas.

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Like any great public waterfront, the lagoon environment must offer resort guests and the public no-cost opportunities to engage and interact with the water. To this end the proposed design includes swimming coves, a canoe launch area and other public facilities. A variety of calm water protected swimming areas and pools are suggested for the lagoon edge: some more active and family oriented, some kid oriented, and others more adult oriented, providing a quiet and relaxing escape.

In a resort/destination environment it is important to be able to introduce individuals to new experiences in a controlled environment, allowing participants to comfortably master the fundamentals of the new activity with which they are engaged. Due to the fact that the lagoon is not planned to be connected to the ocean, it will be less subject to external weather and environmental conditions (e.g. wind and wave actions) that can periodically limit activities on large bodies of water. With its calm water, high water clarity, no ocean related hazards like rip tides or dangerous animals, and ocean breezes for wind dependent activities, the lagoon provides a perfect venue for beginners to learn water-based activities.

Following the initial introduction to an activity, it is essential to keep visitors coming back by engaging them in an environment rich with a continuum of challenges that provide ever increasing difficulty, richness and reward. The proposed design would support this more advanced programming through features like educational instruction and adjacent ocean access along one and one half miles of ocean shoreline.

Complementing those daily activities of the lagoon mentioned above, the water and its perimeter could be programmed for regular events and/or annual festivals or celebrations. The lagoon would provide a memorable setting and backdrop for:

- food festivals
- canoe races/regattas
- art fairs
- swimming events
- cultural demonstrations
- music concerts
- etc.

The landside experiences, including shops and restaurants offering a view onto the water, will add an additional level of community activity along the perimeter of the lagoon. Waterfront venues like a wedding chapel, resort club and shelters can provide unique spaces for both guests and the public to gather and celebrate. There could also be open air entertainment and performances including music, live theater, or evening films on a large portable screen.

A network of perimeter paths will provide the resort development and community with an attractive and safe environment to walk, run, and jog. Quiet walks during the day and evening can be enjoyed along the lagoon's edge. The promenade along the lagoon's mixed-use northern edge offers a more public experience of the resort's dining and retail life. Potential connections to the adjacent Kauhale Preserve on the west side of the lagoon will provide opportunities for nature walks and tours.

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How lagoons can be engineered to maintain a high level of water quality with minimal, if any, impact on the ocean

While every project and site presents unique issues and challenges, from an engineering standpoint the key water quality issues that need to be analyzed and accounted for remain essentially the same. These are water flushing, water circulation, turbidity, oxygenation, and the control and dispersion of pollutants. By carefully modeling and analyzing these dynamics in different design scenarios, we are able to find engineering solutions that promote water quality and meet critical regulatory and environmental standards. In project after project involving the creation of lakes and small bodies of water, our overall approach has provided viable paths to success.

Because we are seeking to create a swimming/recreational environment at Hoakalei lagoon, our key water quality goals relate to controlling the amount of dissolved oxygen, maintaining low turbidity (clear water), and controlling the introduction or dispersion of pollutants. Our modeling process identifies the best ways to induce water circulation and mixing, and by doing so increase or sustain dissolved oxygen levels as a primary indicator of marine water quality. At the same time, we also address terrestrial water quality and minimize the introduction of outside pollutants through effective stormwater design and management.

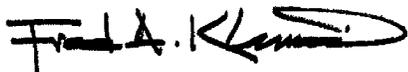
SmithGroupJJR provides a comprehensive approach to stormwater treatment, which will be one of the keys to maintaining water quality in and adjacent to the lagoon. Stormwater runoff, particularly the "first flush" can add substantial contaminants from impervious surfaces including oil, grease, nutrients, suspended solids and metals. Our approach to treating stormwater runoff incorporates the Best Management Practices of contemporary design methodologies including pervious surfacing, landscape restoration and landscaped buffers, rain gardens, engineered treatment basins, swirl concentrators, sand filters, and water recycling. Prohibiting motorized vessels in the lagoon would also eliminate a possible source of water-borne pollution. Our approach aims to design stormwater treatment systems that exceed state and federal standards.

Flexibility for future development

It is important to note that the marina remains technically feasible in the future, when the economic climate and market for boat slips may make it more viable to build. Developing the lagoon now will not adversely impact the opportunity to develop a marina at a future date. While some minor design changes may be necessary to appropriately integrate the swimming areas and marina together, this is entirely possible given the currently proposed plans.

Sincerely,

SmithGroupJJR



Fred Klancnik, PE, F.ASCE
Senior Vice President and Principal Engineer

Exhibit A

Lagoons, Small Lakes, Wetlands and Beach Projects Planned and Designed by SmithGroupJJR Professional Staff

Ocean Reef Islands, Panama City, Panama

- Development of offshore islands with inner harbor designed to accommodate a recreational marina
- Beach development along marina entrance channel designed to help achieve desired basin tranquility and create an amenity for the project.
- Configuration to ensure tidal circulation and that sediment migration remains unchanged – modeling performed

Vacamonte Beach and Lagoon Design, Vacamonte, Panama

- Poor water quality (turbidity, stagnation) in nearshore area; loss of previously existing beaches
- Development of series of islands and beaches as an amenity for a large residential development while providing a natural filtering system to improve water quality
- Water quality modeling to assess performance

Bay Harbor Resort Community, Bay Harbor, Michigan

- Development of a 90 acre marina basin as part of a large resort development project
- Area previously disturbed – used as part of aggregate operation
- Winner of Urban Land Institute Award

Northerly Island, Chicago, Illinois

- Development of a freshwater lagoon through creation of a barrier reef complex
- Lagoon designed as a recreational amenity as well as habitat opportunity

Sister Bay Beach Expansion, Sister Bay, Wisconsin

- Small/narrow existing beach area with water quality concerns due to storm sewer outfall
- Expansion of existing beach and extension of outfall to improve water quality
- Numeric modeling performed to assess water quality improvements and develop improvement plans

Clarksville Marina & Liberty Park, Clarksville, Tennessee

- Development of a marina basin and expansion of an existing fishing pond
- Treatment of large volume stormwater discharge to remove pollutants and sediment through a series of forebays and treatment ponds – hydraulic analysis performed
- Design & engineering of fishing pond expansion including extensive amenities (trails, boardwalks, etc) and habitat development / restoration

Marina Pez Vela, Costa Rica (Cox, Wesson)

- Evaluation and modeling of nearshore water quality within a natural cove area and harbor
- Project looked at the influences of nearby water treatment discharge into the ocean and its influences on cove water quality.

Coco Beach, Costa Rica (Cox, Wesson)

- Nearshore bathymetry, modeling and wave study to assess water quality along a beach
- Desalinization plant created to support 1000 room hotel, 2 x salinity discharge of water resulted and work included evaluation of impacts on nearby beach and critical coral habitat

Blue Heron Lagoon, Belle Isle Park, Detroit, Michigan

- Existing 41 acre lake and wetland complex with limited connection (one point) to the Detroit River
- Direct fish access from river to lagoon prohibited due to existing structures (sheet pile, grates, etc)
- Project created critical habitat that is highly rare along existing river corridor and included: coastal wetland restoration; channel naturalization; spawning reef enhancements; and upland recreational amenities

Belle Isle Canal Rehabilitation, Detroit, Michigan

- Poor water quality adjacent the 982 acre island - canals and lakes had reduced recreational potential
- Investigations into water quality and ecology
- Developed improvements to improve circulation - lake and canal system is pump driven with 3 pumps capable of delivering 10,000 gpm/each. The original pump house was moved in order to greatly improve the lake and canal turnover rate.

Middle Bass Island Marina Basin Circulation, Sandusky, Ohio (Cox)

- Poor water quality within marina basin
- Undertook studies to determine approaches to enhancing water quality – numeric modeling
- Recommended reshaping of basin to improve circulation

Destination Broadwater Water Quality, Biloxi, Mississippi (Cox)

- Conducted pollutant dispersion studies and flushing and circulation analysis to verify that the flushing and water quality of a planned harbor and inner lagoon area met required standards for dissolved oxygen and exchange rates.
- Performed particle trace analysis to examine the detail of flow patterns in and out of the lagoon and along the shoreline.

Hammes Residence Lake, Mequon, Wisconsin

- Design and engineering for a new 5 acre lake as a recreational amenity.
- Includes a swimming area, beach, kayak launch, outdoor patios, naturalized plantings and habitat shelves for fish and other aquatics.

Residence, Lincolnshire, Illinois (O'Leary)

- 10 acre lake rehabilitation to improve water quality and stabilize shoreline/banks
- Developed planting shelves for emergent vegetation and included bio-engineered shoreline treatments to stabilize banks

Kingsbury Crossing, Montgomery, Illinois (O'Leary)

- 5 acre lake rehabilitation to improve water quality and stabilize shoreline/banks
- Developed planting shelves for emergent vegetation and included bio-engineered shoreline treatments to stabilize banks

Chicago Lagoons / North Pond (Peggy Notebaert Nature Museum), Chicago, Illinois (O'Leary)

- Design of lagoon system that includes habitat development and recreational amenities

Central Park, Carmel, Indiana

- 134 acre park with 12 acre central lagoon and 9 acre wetland
- Treatment of regional stormwater using natural treatment system
- Recreational amenities including connections with regional trails, aquatic center, boathouse and pavilions

Sterns Quarry Park, Chicago, Illinois (O'Leary)

- Rehabilitation project adjacent to a landfill.
- Pond system created using a series of pumps to create the illusion of connecting surface runoff from the nearby landfill into the constructed lake
- Design of 10 acre lake/wetland system integrated with extensive recreational amenities that include boardwalks, trails, athletic fields, and wildlife viewing areas.

Crosswinds Marsh Interpretive Preserve, Sumpter Township, Michigan

- Development of new wetland/open water system as mitigation for areas impacted by expansion of the DTW airport.
- Blends ecological restoration with recreational amenities that include trails, boardwalks, wildlife viewing areas, fishing platforms, equestrian trails and environmental education.
- Long-term monitoring of habitat to assess project success
- Winner of National American Society of Landscape Architects awards, Waterfront Center award, and Federal Transportation award

Visteon Village Corporate Headquarters, Van Buren Township, Michigan

- Mine land reclamation project including development of man-made lake and 30 acres of wooded wetlands
- Developed as part of a large headquarters as a major amenity for employee use

Concordia Bluff Stabilization and Beach Creation, Mequon, Wisconsin

- Stabilization of 2700 foot long bluff and development of recreational/educational beach
- Numeric and physical modeling of shoreline improvements to access sediment migration and stability.
- Naturalized stormwater management through use of perched wetlands designed to treat runoff and remove pollutants
- Winner of National American Society of Civil Engineering award

Lakeshore State Park, Milwaukee, Wisconsin

- Development of a protected lagoon area through the development of an offshore island.
- Improvements created extensive recreational opportunities and amenities including such things as fishing platforms, beaches, boat dockage, naturalize and interpretive zones and an extensive trail network.
- Water circulation modeling and physical modeling of planned improvements

Forest Beach Park and Shoreline, Lake Forest, Illinois

- Beach restoration and bluff stabilization project that created four beach coves and extensive waterfront recreational opportunities
- Physical model completed to refine design with extensive consideration given to maintaining littoral drift within the nearshore area

Atherton Land Development, Jackson County, Missouri

- 6000 acre development plan with 15 miles of Missouri River frontage.
- Plan calls for development of a large 400 acre recreational lake and canal system to serve as a recreational amenity

Island Lake of Novi, Novi, Michigan

- 900 acre residential development.
- Centerpiece is Island Lake – 169 acre lake created by previous sand and gravel extraction.
- Amenities at the lake include swimming beaches, a clubhouse, picnic areas, small boat marina and playgrounds.

New Town of Stoneleigh, Highland Township, Michigan

- 850 acre residential development at former mine
- Two large lakes created as recreational amenities for residents.

Village at Autumn Lake, Madison, Wisconsin (Wolmutt)

- Construction of an approximately 16 acre lake to serve as the centerpiece for a residential development
- Hydraulic analysis and design completed to maintain high water quality levels within the new lake.

Sentry Insurance Company Headquarters, Stevens Point, Wisconsin (Klancnik)

- Design and construction of 23-acre Lake Joanis on the Stevens Point Sentry Campus

General Casualty Company Headquarters, Sun Prairie, Wisconsin (Klancnik)

- Design and construction of a permanent pond

Brookfield Lakes Corporate Center, Brookfield, Wisconsin (Klancnik)

- Design and construction of a series of lakes located off I-94 on the west side of the greater Milwaukee area

Trammell Crow, Milwaukee County, Wisconsin (Klancnik)

- Design and construction of the 15-acre Park Place Lake in Milwaukee County

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Fred A. Klancnik, P.E., F. ASCE
Senior Vice President
Campus, Community & Waterfront Corporate Practice Leader

Education

MBA-Finance, University of Wisconsin-Madison, 1977
BS-Civil Engineering, University of Wisconsin-Madison, 1972

Registrations

Professional Engineer: Indiana, Michigan, Minnesota, Ohio, Wisconsin
Land Surveyor: Wisconsin

Professional Affiliations

American Society of Civil Engineers, American Planning Association, American Institute of Architects, American Society of Landscape Architects, Urban Land Institute

Mr. Klancnik has over thirty years of experience on numerous large-scale mixed-use and recreational waterfront development projects. He has extensive experience in urban waterfront redevelopment, lakefront parks, and resort communities. His projects have received numerous awards including Waterfront Center Honor Awards for the Racine Harbor Redevelopment; Concordia University Lakefront Enhancement; and Forest Park Recreational Development and Beach Restoration; ASCE awards for Concordia University, Bender Park and the Milwaukee Downtown Lakefront Redevelopment. He serves as project team leader on many complex redevelopment feasibility studies. He conducts workshops to solicit input for projects from community leaders and interested citizen groups. He also coordinates multi-disciplinary design teams and works with public regulatory and funding agencies to move projects from the concept phase through implementation.

As a Corporate Practice Leader of SmithGroupJJR, Mr. Klancnik is responsible for providing strategic leadership to Campus, Community & Waterfront (CCW) studio leaders and practice experts. He works closely with the firm's office directors and landscape architecture, civil engineering, and environmental science discipline leadership to align studios and other resources in a common strategy and common processes to achieve our client's project objectives. He is also a member of the SmithGroupJJR Executive Committee and Board of Directors; and is the Chair of the SmithGroupJJR Finance Committee.

Prior to joining JJR in 1986, Mr. Klancnik was the Chief Civil Engineer and Director of Project Management of Warzyn Engineering, Inc., a 200-person consulting engineering firm located in Madison, Wisconsin.

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Relevant Experience

Hoakalei Waterfront Resort, Oahu, Hawaii

Planning, design and engineering for 1,100-acre residential/resort community located on the south shore of Oahu just west of Pearl Harbor. Native tradition and modern luxury will converge on the newly planned lagoon, with its picturesque coves, floating bridge and canoe-friendly waters. Scenic pathways connect residential areas to a nature preserve and cultural foundation, shopping, dining, a hotel, spa and championship golf. Principal-in-Charge

Northerly Island, Chicago, Illinois

Technical oversight for the implementation strategy for a 91-acre island park in Chicago's Lakefront Museum Campus. This park will balance environmental, recreational, educational, infrastructure, and operational factors to create a major lakefront destination. Principal-in-Charge

Chicago Lakefront Harbor Framework Plan, Chicago, Illinois

Assessment and planning of nine existing and three new harbors (over 2,000 new boat slips planned at Navy Pier, 31st Street and 87th Street) for the Chicago Park District. The project is the largest recreational harbor system in the nation and identifies potential boating facilities and harbor improvements. Principal-in-Charge

Harbor Centre Marina and South Pier Redevelopment, Sheboygan, Wisconsin

Feasibility study, environmental assessment, design and engineering to transform a commercial harbor into a recreational waterfront development featuring a 250-boat marina, six-lane launch ramp, and sailing center with lighted promenade, picnic areas, pedestrian plazas and overlooks. South Pier Project was a Brownfield redevelopment, which involved design of public infrastructure and plazas, riverfront promenade, condominium development, and a 200-room hotel/conference center/restaurant/waterpark complex. Principal-in-Charge

Milwaukee Lakefront Revitalization, Milwaukee, Wisconsin

Feasibility study, planning and design of City of Milwaukee's downtown lakefront, including the State of Wisconsin's Lakeshore State Park and the waterfront promenade and plazas for the Milwaukee Art Museum Expansion designed by Santiago Calatrava. Principal-in-Charge

Concordia University Lakefront Enhancement, Mequon, WI

Prepared master plan and QA on construction documents for a lakefront campus located along 2,700 feet of Lake Michigan waterfront, including bluff stabilization, shore protection structures, two beaches, habitat enhancement areas (perched wetlands, coastal wetlands), recreational waterfront improvements, and accessible pedestrian routes down the bluff to the lake. Principal-In-Charge

Navy Pier Revitalization, Chicago, IL

Feasibility study, planning and design of the rehabilitation of Navy Pier including stabilization of the existing pier foundation and building a new 2,400-foot long dock, forming part of a larger revitalization plan for one of Chicago's landmarks; construction budget was \$22 million for the Metropolitan Pier and Exposition Authority. Principal-In-Charge

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South Seabrook Marine District Redevelopment, Seabrook, TX

Strategic plan for the redevelopment of the area, which includes a highway commercial marina development, waterfront residential, and a mixed-use/commercial area known as Old Seabrook. Principal-In-Charge

Racine Harbor Redevelopment, Racine, WI

Feasibility study, environmental assessment, design and engineering to transform a commercial harbor into a mixed-use waterfront development featuring a 1,000-boat marina, ten-lane launch ramp, six-acre Festival Plaza, and a 15-acre waterfront park with a \$22 million construction budget. Principal-In-Charge

Loyola University Lake Shore Campus, Chicago, IL

Master planning of lakefront recreational improvements and shoreline protection of Loyola University Chicago's Lake Shore campus. Work included project permitting coordination as well as construction document preparation. Principal-In-Charge

Forest Park, Lake Forest, IL

Planning, engineering and environmental assessment for shoreline protection, beach restoration and recreational development for a park experiencing bluff stabilization and severe shoreline erosion problems. Principal-In-Charge

Bender Park, Milwaukee County, WI

Feasibility study, design, plans and specifications for a 300-acre park with 6,000 feet of Lake Michigan frontage, featuring bluff stabilization, shore protection, boat harbor, beach, and a regional park with a \$20 million construction budget. Principal-In-Charge

Sentry Insurance Company Headquarters, Stevens Point, WI

Design and construction administration for the company headquarters sitework including a 23-acre Lake Joanis on the University of Wisconsin - Stevens Point Sentry Campus. Project Manager/Engineer

General Casualty Company Headquarters, Sun Prairie, WI

Design and construction administration for corporate headquarters sitework including a permanent two acre pond. Project Manager and Engineer

Brookfield Lakes Corporate Center, Brookfield, WI

Design and construction of sitework for an office park including a series of lakes located off I-94 on the west side of the greater Milwaukee area for Trammell Crow Companies. Project Manager/Engineer

Park Place Lake, Milwaukee, WI

Design and construction administration of a 15-acre lake as part of a business park development. Project Manager/Engineer

Hammes Residence Lake, Mequon, WI

Design and construction administration for a new 5 acre lake including a swimming area, beach, kayak launch, outdoor patios, naturalized plantings and habitat shelves for fish and other aquatics. Principal-In-Charge

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Presentations

- Speaker at Annual ASCE 2012 Civil Engineering Conference, Civil Engineering in the New Global Economy: Small Boat harbor Design and Economic Development (Montreal, Canada)
- Distinguished Lecturer at 2012 University of Wisconsin Docks & Marinas Education & Training Program (Madison, Wisconsin)
- Speaker at Annual ASCE 2011 Civil Engineering Conference, Sustainable Restoration in Urban Environments: The Engineering of Milwaukee's Lakefront Renaissance (Memphis, TN)
- Speaker at Ports 2010 Conference, Planning and Financial Considerations for Small Craft Harbors (Jacksonville, FL)
- Panel and Speaker at 2008 International Marina Conference, Overview of ASCE Manual 50 Planning and Design Guidelines for Small Craft Harbors (Ostend, Belgium)
- Panel and Speaker at 2004 Urban Waterfront Center's 22nd Annual International Conference, Boating and How It Energizes a Waterfront Redevelopment (Milwaukee, WI)
- Speaker at 2004 Developing Toronto's Waterfront conference on the subject of urban waterfront regeneration
- Speaker at Waterfronts Expo 2003 conference in London, England on "Revitalization Along the Inland Waterways of the USA"
- Speaker at 2001 Civil Engineering Conference and Exposition sponsored by ASCE in Houston, Texas on "Parks as a Focal Point of Urban Waterfront Revitalization"
- Speaker Mixed-Use Waterfront Development, 1999 Third International Marina Conference (Fort Lauderdale, FL)
- Distinguished Lecturer at University of Wisconsin Docks & Marinas Course, (Madison, Wisconsin)
- Speaker International Conference on Rehabilitation of Harbour Areas, 1998 PIANC, (Lisbon, Portugal)
- Speaker "Creating Lively Waterfronts", 1998 States Organization for Boating Access (SOBA) Annual Conference (Green Bay, WI)
- Panel Leader and Speaker International Conference on Urban Waterfront Planning & Development, 1997 (Baltimore, MD)
- Chair and Speaker, ASCE International Conference on Marinas, Parks and Recreation Developments, 1994 (Milwaukee, WI)
- Guest Lecturer and Visiting Critic, Harvard Graduate School of Design, 1992 (Boston, MA)
- Speaker World Marina '91, Waterfront Recreational Development (Long Beach, CA)
- Speaker National Convention of the American Society of Civil Engineers, Recreational Development, 1991 (Orlando, FL)
- Speaker 27th International Navigation Congress, 1990 Sport and Pleasure Navigation Facilities (Osaka, Japan)
- Speaker Marina Design and Development, 1985 ULI Recreational Amenities Seminar (St. Thomas, U. S. Virgin Islands)

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Publications

Editor and Co-Author "Planning and Design Guidelines for Small Craft Harbors," 2012 ASCE Manual 50

"Lakefront Renaissance," Civil Engineering Magazine, July 2010, Co-Author

"New Marinas in the USA - Consider the unlikely locations...", Marina World, March/April 2004, Volume 4, Issue 4

"The Future Sites, Funding, and Considerations of Waterfront Development", Boat & Motor Dealer with Boating Trends 2004, 3rd Annual Issue, December 2003

"Revitalization of Harbor Areas in the USA," International Conference on Rehabilitation of Harbour Areas, 1998 PIANC, Permanent International Association of Navigation Congresses; Cox, Klancnik (Lisbon, Portugal)

"Development of the Sheboygan Waterfront, Sheboygan, Wisconsin", Proceedings for 1994 ASCE International Conference on Marinas, Parks and Recreation Developments; Doyle, Klancnik, Petersen (Milwaukee, WI)

Editor of the Proceedings Marinas, Parks and Recreation Developments, 1994 ASCE International Conference; Klancnik, Flug (Milwaukee, WI)

"Balancing Recreational, Economic Development and Environmental Protection Goals for New Recreational Boating Facilities in the State of Wisconsin, U.S.A.", 1994 ASCE International Conference (Milwaukee, WI)

"Support Facilities for Sport and Pleasure Navigation" 1990, 27th International Navigation Congress; Corrough, Klancnik and Taylor (Osaka, Japan)

"Racine's Reefpoint Marina and Festival Park - Sustaining Success along the Lakefront", 1991 ASCE Specialty Conference; Klancnik, Rooney