2016 SPRING SUMMIT

Bay Planning Coalition

#bpcspringsummit

BAY PLANNING FOR THE NEXT 33 YEARS: RISKS, READINESS & REWARDS

May 6, 2016 | Oakland Scottish Rite Center | Program & Resource Guide

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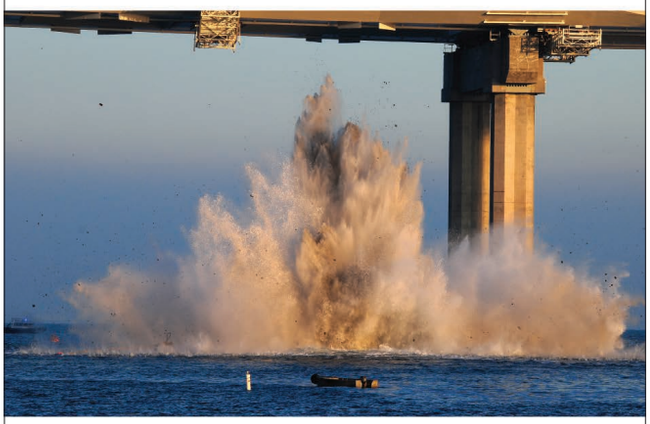

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2016 SPRING SUMMIT

Bay Planning Coalition

Bay Planning for the Next 33 Years: Risks, Readiness & Rewards

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Welcome to the 2016 Spring Summit

When Bay Planning Coalition (BPC) was founded 33 years ago, it was impossible to foresee all that would change for the Bay in the coming decades. From the development of new regulatory bodies and technologies to the increased attention on climate change and sea level rise, it is a very different place today than it was then.

In thinking about that as we planned this year's program, we were inspired to look ahead. What might the next 33 years hold for the Bay and our region? Are we ready for it? Today will be focused on answering this question as it relates to three areas that affect BPC's members most directly: dredging and beneficial reuse; sustainable waterfronts; and infrastructure.

Many of you may be surprised to see that we have renamed this annual event, which for almost 30 years was called the Decision Makers Conference, but it is part of a refresh we hope will be evident throughout the day. The change fits well with our theme's focus on the future.

This year our expert panels will be focused directly on furthering the conversation around the risks and rewards tied to the changes coming to the issues our members care about most. Rather than making lengthy presentations, panelists will be in conversation with each other and with the audience. Furthermore, we'll be asking the audience to participate in a new way by using the provided "clickers" to answer questions throughout the program. This year's agenda also features additional opportunities for networking; particularly over the lunch hour.

What hasn't changed is the high caliber of our speakers and attendees. Today's speakers and audience include leaders in industry, commerce, regional planning and infrastructure from across the wider Bay Area, including representatives from key corporations in the gas, construction and engineering sectors. This event is also well attended by local, state and federal officials and by the nonprofit community. This is a true opportunity for a meaningful and varied discussion.

As always, we hope to focus together on solutions that will strengthen and grow a strong, sustainable and resilient maritime and industrial economy and ecosystem for San Francisco Bay and the surrounding region.

In addition to welcoming all of you I would like to take this opportunity to thank the committee of BPC members who helped to plan this year's Spring Summit. The members of this committee are: Richard Sinkoff, Port of Oakland (chair), Amy Brekenridge, ERM; Bill Butler, Lind Marine, Inc.; Len Cardoza, AECOM; Art Coon, Miller Starr Regalia; Ane Diester, Parsons Corporation; Walt Gill, Chevron Corporation; David Ivester, Briscoe Ivester & Bazel LLP; Laura Kennedy, Kennedy/Jenks Consultants; and Scott Warner, Ramboll Environ, Inc.

If this is your first BPC event, we hope you will join us for future events throughout the year. Our workshops and expert briefings provide great opportunities for networking and for exploring some of these key issues on a deeper level. Our staff is also always happy to discuss the many benefits of BPC membership.

Thank you for joining us at the 2016 Spring Summit. We hope you enjoy being part of the conversation.

John A. Coleman
Chief Executive Officer

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Bay Planning for the Next 33 Years: Risks, Readiness & Rewards

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Agenda

8:00am	REGISTRATION AND CONTINENTAL BREAKFAST
8:45am	WELCOME **John Coleman**, *Chief Executive Officer, Bay Planning Coalition* **David Ivester**, *Briscoe Ivester & Bazel LLP and President, Bay Planning Coalition*
8:55am	WASHINGTON UPDATE **Eric Sapirstein**, *Founder & President, ENS Resources*
9:15am	CONVERSATION 1: Can We Dig Ourselves Out of What's Coming? Dredging, Beneficial Reuse, and Measure AA *Call to Action:* • **Larry Goldzband**, *San Francisco Bay Conservation and Development Commission* *Moderator:* • **Josh Burnam**, *Anchor QEA* *Panelists:* • **Bill Dutra**, *The Dutra Group* • **Amy Hutzel**, *California State Coastal Conservancy* • **David Lewis**, *Save The Bay* • **Al Paniccia**, *U.S. Army Corps of Engineers*
10:30am	BREAK
10:45am	CONVERSATION 2: Planning for Probabilities: Preparing a Sustainable Bay Waterfront *Call to Action:* • **Will Travis**, *Planning Consultant* *Moderator:* • **Dilip Trivedi**, *Moffatt & Nichol* *Panelists:* • **Warner Chabot**, *San Francisco Estuary Institute* • **Kevin Conger**, *CMG Landscape Architecture* • **Prof. Kristina Hill**, *UC Berkeley* • **David Smith**, *Stice & Block LLP*
12:00pm	PRESENTATION OF THE FRANK C. BOERGER AWARD • *This year's recipient is* **Monique Moyer**, *Past Executive Director, Port of San Francisco.* • **John Briscoe**, *Briscoe Ivester & Bazel LLP* • **Richard Sinkoff**, *Port of Oakland and Vice President, Bay Planning Coalition*
12:15pm	*BUFFET LUNCH & NETWORKING* *We hope attendees and speakers will use this time to move freely about the room in order to make new contacts and strike up interesting conversations. One of the key goals of our "refresh" of this event is for this type of networking to happen more easily.*
1:00pm	KEYNOTE SPEAKER
1:30pm	BAY PLANNING COALITION INTERN PRESENTATION • **Richard Sinkoff**, *Port of Oakland and Vice President, Bay Planning Coalition* • **Kevin Prochnow**, *Student, California Maritime Marine Academy*
2:00pm	REMARKS BY CONGRESSWOMAN BARBARA LEE • **U.S. Representative Barbara Lee** *(D-Oakland)*
2:15pm	BREAK *Dessert will be served during this break.*
2:30pm	CONVERSATION 3: Everything is Rising: Infrastructure for a Changing Bay *Call to Action:* • **David Williams**, *Bay Area Clean Water Agencies* *Moderator:* • **Tom Guarino**, *PG&E* *Panelists:* • **Joe Birrer**, *San Francisco International Airport* • **Allison Brooks**, *Bay Area Regional Collaborative* • **Diana Sokolove**, *City and County of San Francisco* • **Thanh Vuong**, *Port of Oakland*
3:45pm	CLOSING REMARKS • **John Coleman**, *Chief Executive Officer, Bay Planning Coalition*
4:00pm	ADJOURN

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About Bay Planning Coalition

CELEBRATING 33 YEARS OF ACCOMPLISHMENT

Incorporated in 1983, the Bay Planning Coalition (BPC) is a non-profit 501(c)(4), membership-based organization representing public and private entities in the maritime industry and related shoreline businesses, ports and local governments, landowners, recreational users, labor unions, residential and commercial builders, environmental and business organizations, and professional service firms in engineering, construction, law, planning and environmental sciences.

BPC emerged from a group of Bay Area citizens and representatives of local government and private industry who became concerned about the increasing complexities and inefficiencies in the regional, state and federal permit processes. Instances were documented where unreasonable permit conditions, delays and over-reaching policies impeded the economic use of land and water for commerce and essential infrastructure to serve population needs. BPC was formed to correct this problem and establish a working balance in Bay permitting and planning processes to reduce unwarranted costs, delays and uncertainties for Bay development projects.

BPC activities have expanded to cover not only the permit process, but also essential planning, communication and consensus-building related to navigation and dredging, trade and manufacturing, CEQA, NEPA, water and air quality, water supply, transportation, and wetlands and wildlife issues.

Our mission:

Working through a broad coalition to provide expert advocacy and facilitation to advance a strong industrial economy that supports a sustainable environment within San Francisco Bay and its watershed.

Our vision:

Provide visionary leadership for San Francisco Bay stakeholders as an effective coalition that vigorously advances solutions for a thriving economy, environment and community.

KEY ISSUES

Federal Policy

BPC keeps careful watch over federal water and energy appropriations that affect the San Francisco Bay and its watershed. Key federal issues we are engaged with at the moment include:

- The Water Resources and Development Act (WRDA)
- The Harbor Maintenance Trust
- The proposed Environmental Protection Agency (EPA) ruling on the definition of "waters of the United States" under the Clean Water Act
- Tax reform to maintain tax exempt financing for port authorities
- New opportunities at the federal level for public-private partnerships
- Alternative energy initiatives to reduce port costs
- Implementation of ballast water regulations to address invasive species issues
- Potential legislation and funding opportunities to address the national infrastructure crisis

State and Regional Policy

The policy landscape across the greater Bay Area and in the state is increasingly complicated; particularly as environmental issues like California's ongoing drought and sea level rise gain more attention.

BPC maintains an active role in the development and implementation of policy at the state and regional level through:

- Active Involvement with regional and state politics, including political appointments
- Engagement with key regional agencies, including attending public meetings, holding additional meetings with officials, and building strong relationships with both officials and staff
- Active participation in the implementation of the Long Term Management Strategy for Dredged Material in the San Francisco Bay (LTMS)
- Education and outreach
- Advocacy on behalf of BPC members on issues including sand mining and CEQA

STRATEGIC PARTNERSHIPS

BPC regularly partners with other stakeholders to engage in policy efforts that benefit BPC members and the region. While this is sometimes done ad hoc around specific policy issues, there are some established coalitions that we expect to remain active in through 2016.

Bay Area Business Coalition (BABC). BPC is one of several nonprofit business-related advocacy organizations that joined ranks in 2011 to form BABC. The other organizations involved include the Bay Area Council, BIA Bay Area, the East Bay Leadership Council, East Bay EDA, the Jobs & Housing Coalition, the North Bay Leadership Council, SAMCEDA, and Solano EDC.

San Francisco Bay Regional Coastal Hazards Adaptation Resiliency Group (CHARG). CHARG, started in 2014, is a working group of over 100 engineers, planners, scientists and policymakers brought together to develop and implement regional flood protection solutions to sea level rise and extreme tides. Specifically, this group seeks to improve regional coordination among federal, state and local officials, the private sector and NGOs when it comes to these issues.

San Francisco Bay Joint Venture (SFBJV). The goal of this nonprofit is to protect, restore, increase and enhance all types of wetlands, riparian habitat and associated uplands throughout the San Francisco Bay region to benefit birds, fish and other wildlife through biologically-based actions. BPC attends SFBJV meetings to stay updated on the status of restoration projects taking place in the Bay Area and to learn about how BPC and its members could become beneficially involved in these efforts.

The San Francisco Estuary Institute (SFEI) Regional Monitoring Program Steering Committee. The Regional Monitoring Program (RMP) is a collaborative effort between SFEI, the San Francisco Regional Water Quality Control Board (SFRWCQB) and the regulated discharge community. It is SFEI's largest program and its primary purpose is to provide water quality regulators with data and information about contamination and other measures of estuary health so that decisions can be made about how to manage it. Additionally, the RMP, in collaboration with SFRWCQB, sets the fees that must be paid by dredgers. It is currently in the process of developing a new fee schedule that it says is needed to cover its costs, and Bay Planning Coalition has been working closely with the RMP Steering Committee do develop a fee schedule that works for all parties and is based on recommendations made by BPC members.

Bay Area Sea Level Rise and Vulnerable Infrastructure

Northern California's Economy

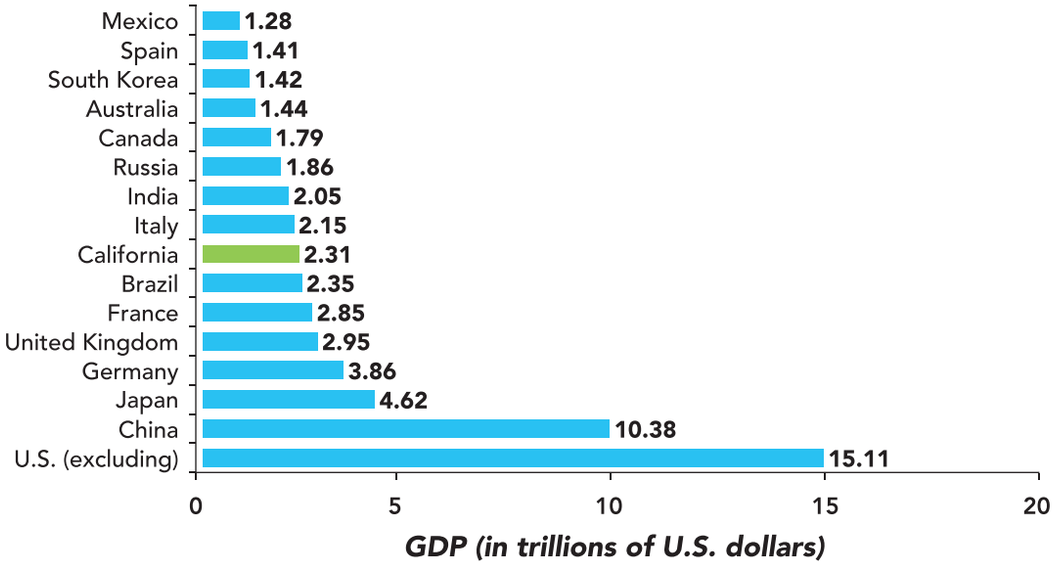
STATE

- In 2014, California experienced a 2.8% growth in GDP with a total of $2.31 trillion
- California is currently the world's 8th largest economy tied with Brazil and followed by Italy, India, and Russia
- California ranks 7th in GDP per capita followed by Sweden, San Marino, and Singapore
- California has the largest state-level economy in the United States followed by Texas[i]
- California continues to outpace national growth in years 2011, 2012, 2013, and 2014[ii, iii]

SAN FRANCISCO BAY AREA

- With a 9.8% employment increase and 10.7% gross regional product increase, the Bay Area has outpaced California and the U.S. in job recovery and expanding output as of 2013[iv]
- The Bay Area's GDP in 2014 was $660.8 billion, ranking it 20th in the world between Switzerland and Saudi Arabia[v]
- Northern California's combined Metropolitan Statistical Areas add up to an estimated $836 billion in 2014[iii]
- With only 17% of California's population, the Bay Area produces 25% of the state's economic output.[i]

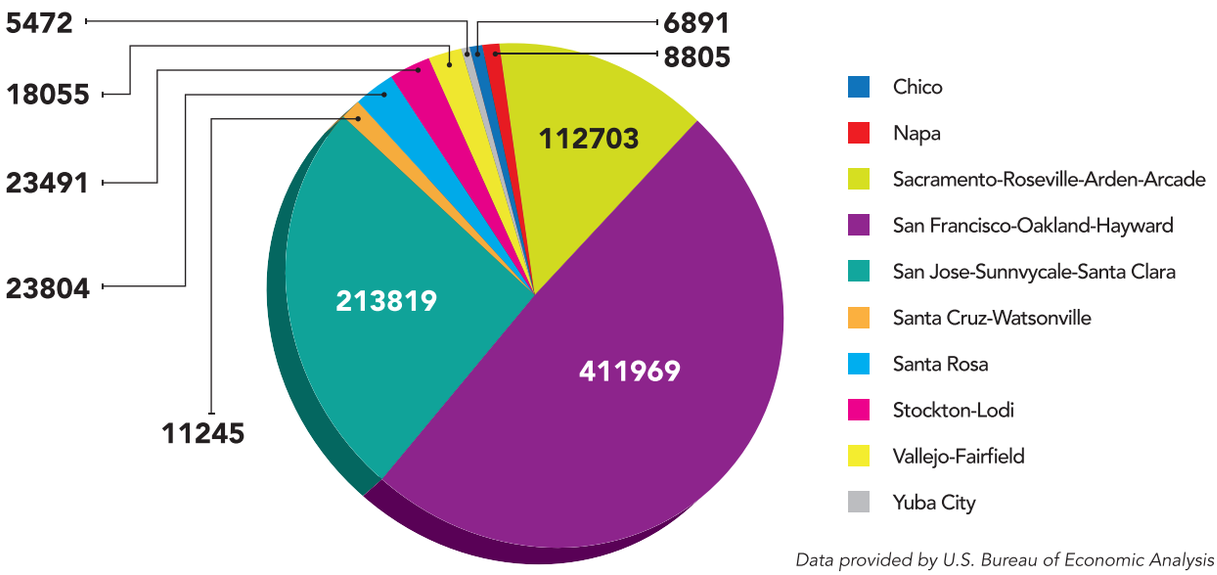
Top World Economies in 2014



Data provided by Legistlative Analyt's Office

GDP of Northern California Metropolitan Areas in 2014

(millions of current dollars)



Data provided by U.S. Bureau of Economic Analysis

Economic Impacts of Ports and Airports

PORT OF BENICIA (AMPORTS)

>Exports, 2015: 302,061 metric tons, valued at $23.6 million
>Imports, 2015: 197,076 metric tons, valued at $4.5 billion[vi]

PORT OF OAKLAND

>Fifth busiest container port in the United States by cargo volume[vii]
>Exports, 2015: 6.8 million metric tons
>Imports, 2015: 6.8 million metric tons
>The Port of Oakland supports approximately 73,000 jobs in the Northern California mega regionviii and impacts approximately 827,000 jobs nationwide[viii]

PORT OF REDWOOD CITY

>Exports, 2015: 245,600 metric tons, valued at $61.4 million (Scrap metal)
>Imports, 2015: 1.4 million metric tons, valued at $31.5 million (Sand, Aggregates & Other Dry Bulk)
>Port-related Jobs, 2015: 600[ix]

PORT OF RICHMOND

>Ranks number one in liquid bulks and automobile tonnage among San Francisco Bay ports
>Import and Export total for privately-owned terminals, 2015: 25 million metric tons
>Import and Export total for city-owned terminals, 2015: 273,4067 metric tons[x]

PORT OF SAN FRANCISCO

>Commuter ferry - total passengers, 2015: 5.1 million
>Cruises and Excursions - total passengers, 2015: 5.2 million
- Total sales: $55.9 million

>Imports, 2015: 1.5 million metric tons
>Estimated value of all cargo, 2015: $74.6 million[xi]

PORT OF STOCKTON

>Imports, 2015: 2.3 million metric tons
>Exports, 2015: 1.5 million metric tons [xii]
>Over $1 billion in cargo goes through the Port of Stockton each year
>Supports over 4,500 Port-related jobs, generating $180 million in annual salaries and benefits[xiii]

OAKLAND AIRPORT

>39th busiest airport in North America by passenger traffic in 2014, 13th busiest by cargo volume[xiv]
>Approximately 8,000 on-airport jobs[xv]
>Total passengers, enplane and deplane, 2014: 10,34 million[xvi]
>Cargo exports (freight), 2015: 271,967 metric tons
>Cargo imports (freight), 2015: 259,449 metric tons[xvii]
>Among top 20 airports in the United States in the amount of air cargo handled[xviii]

SAN FRANCISCO AIRPORT

>7th busiest airport in North America by passenger traffic 2014, 18th busiest by cargo volume[xiv]
>Total economic contribution of SFO amounts to over 288,000 jobs in the greater SF Bay Area
>$55.8 billion in related business sales, and $19.6 billion in total payroll[xix]
>Total passengers, enplane and deplane, 2015: 50 million
>Total cargo handled, 2015: 389,934 metric tons[xx]

SAN JOSE AIRPORT

>45th busiest airport in North America by passenger traffic 2014[xiv]
>Total passengers, enplane and deplane, 2015: 49.8 million
>Total cargo handled, including mail, 2015: 48,840 metric tons[xxi]

Economic Impacts of the Oil and Gas Industries

STATE

- As of 2013, California ranks third nationally in crude oil production and thirteenth in natural gas production
- Direct, indirect, and induced employment by oil and gas industry in California, 2013: 455,940
- Direct labor income, 2013: $23.2 billion, accounting for 2.9% of California's total labor income
- California's oil and gas industry accounts for 5.7% of the state's total economic output
- Direct employment by oil and gas in 2013 accounted for17.6% of regional employment

SAN FRANCISCO BAY AREA

- California accounted for 7.3% of total U.S. oil field production in 2013
- Direct, indirect, and induced oil and gas employment in the Bay Area, 2013: 88,060
- Direct labor income in the Bay Area, 2013: $5.4 billion
- Total tax revenues generated by oil and industry in Bay Area, 2013: $7 billion
- Total industry output in Bay Area region, 2013: $77.6 billion, representing 38.1% California's total economic contribution[xxii]

Sources

i Legislative Analyst's Office - http://www.lao.ca.gov/

ii Center for the Continuing Study of of the California Academy - www.ccsce.com/PDF/Numbers-July-2014-CA-Economy-Rankings-2013.pdf

iii U.S. Bureau of Economic Analysis - http://www.bea.gov/

iv Association of Bay Area Governments - http://reports.abag.ca.gov/sotr/2015/executive-summary.php

v Newmark Realty Capital, Inc. - http://news.theregistrysf.com/wp-content/uploads/2015/11/BA-Economic-Engine-2015-6pg-version.pdf

vi Amports Accounting/Administration Department

vii Port of Oakland - www.portofoakland.com/maritime/factsfigures.aspx

viii Port of Oakland Maritime Development Department

ix Port of Redwood City Operations Department

x Port of Richmond Operations Department

xi Port of San Francisco Maritime Marketing Department

xii Port of Stockton Environmental, Government & Public Affairs Department

xiii Port of Stockton - http://www.portofstockton.com/port-facts-figures

xiv ACI-NA - www.aci-na.org/content/airport-traffic-reports

xv Oakland International Airport – www.oaklandairport.com/airport_stats_facilities.shteml

xvi Oakland International Airport – www.oaklandairport.com/airport_stats_passenger_history.shtml

xvii Oakland International Airport – www.oaklandairport.com/airport_stats_yearend_stats.shteml

xviii Oakland International Airport - http://www.oaklandairport.com/cargo_overview.shtml

xix San Francisco International Airport - media.flysfo.com.s3.amazonaws.com/default/downloads/reports/SFOEconomicImpactReport2013.pdf

xx San Francisco International Airport - www.flysfo.com/media/facts-statistics/air-traffic-statistics

xxi San Jose International Airport - www.flysanjose.com/fl/about/activity/Dec14CY.pdf

xxii "The Oil and Gas Industry in California: Its Economic Contribution and Workforce in 2013,"
Los Angeles County Economic Development Corporation (LAEDC Institute for Applied Economics)

Bay Planning for the Next 33 Years: Calls to Action

Some people invest considerable time, creativity, labor and skill in constructing beautiful sand castles on the beach, full well knowing that the next high tide will wash the sand castles away. Perhaps we can draw from this experience and learn how to build beautiful cities along our coastlines, full well knowing that high tides in the future will wash the cities away.

-**Will Travis**, *Planning Consultant*

There are few locations in the United States that can more effectively use clean dredged materials to build and restore large- and small-scale natural wetlands to safeguard communities of all types than San Francisco Bay. There is significant across-the-board public support for such proposals because they provide multi-objective environmental and economic benefits, including flood protection for underserved communities and billions of dollars of public investment, recovery of endangered species, expanded and improved habitat for migratory birds and fish, and upgraded water quality. Fortunately, approximately 2-3 million cubic yards of sediment are dredged to maintain Bay channels annually. While collaboration among government agencies that oversee dredging disposal has ensured that some of the materials are re-used beneficially, much of the dredged material is still squandered due to the costs associated with fulfilling the U.S. Army Corps of Engineers' "federal standard." Clean materials dredged from the Bay need to be transferred to the multiple wetland restoration sites (totaling over 20,000 acres) in the Bay that need sediment, including Montezuma Wetlands and Cullinan Ranch and the upcoming Bel Marin Keys and South Bay Salt Ponds projects. The incremental cost of moving just the volume dredged by the U.S. Army Corps of Engineers in the Bay is less than $5-10 million annually.

Yet, even if I climbed to the top of the Ferry Building, grabbed Dumbledore's wand and used it as a megaphone, and told everyone in the Bay Area that BCDC has approved significant volumes of fill for ports, marinas, habitat and other uses, and does not, per se, oppose filling the Bay to restore or create wetlands or to provide flood protection in other ways, many people will continue to believe our staff unalterably oppose such fill. That is not the case. While filling the Bay for any purpose must continue to be justified, we all know that BCDC's next fifty years will be very different from its first fifty years, and that rising sea level will compel us to add additional fill to the Bay to conserve and develop its resources.

-**Larry Goldzband**, *Executive Director, San Francisco Bay Conservation and Development Commission*

As public agencies, wastewater treatment plants have the duty to look to the future and plan how best to protect the public health and to treat society's wastewater in an environmentally sustainable manner. Today however the image of the old sewage plant down by the river should be in the rear view mirror. Yes, the plants still tend to be down by the shoreline but their planning horizons offer many opportunities beyond just treating the sewage. Their primary function continues to be protecting the public health but they also have significant opportunities to enhance the environment, especially in this climate-energy era where sea level rise is inevitable and the need for energy and resources is exerting huge demands on our natural environment. Natural infrastructure such as wetlands fed by recycled water and horizontal levees can produce multiple benefits. A mindset that views, what used to be called wastes, as an opportunity to recover energy and transform the waste to new resources should be the vision for the utility of the future. Now is the time to act. We need to unleash all of the creative thinking and technologies we can muster and go forward with innovative public policy to ensure the future we all desire.

-**David Williams,** *Executive Director, Bay Area Clean Water Agencies*

Conference Speakers

JOE BIRRER

Director of Engineering and Construction Services, San Francisco International Airport

Mr. Birrer is a registered professional engineer and has been working at the San Francisco International Airport (SFO) for over twenty seven years. He had worked as a professional design engineer, a project manager, an engineering section manager, the Engineering Branch Manager and is now the Director of Engineering and Construction Services. He manages the Civil, Mechanical/Utilities, Electrical and Environmental Engineering Sections for SFO, as well as the Construction Services, which provides construction management for the Airport's Engineering and Architecture projects. Mr. Birrer has overall responsibility for quality and timeliness of engineering services provided to the airport and for capital planning of infrastructure and engineered systems. The annual combined value of design and construction work for the Engineering Branch is approximately $60M dollars.

Advancement of SFO's climate change mitigation has also become a key focus of Mr. Birrer and the Engineering Branch, providing engineering and technical support to help the Airport achieve its goal of reducing greenhouse gas emissions below levels mandated in San Francisco's Climate Action Strategy, and the Airport's strategic goal of being a net zero energy airport in five years.

Sea level rise, one of the major effects of climate change, has made flood protection of the Airport another major focus for Mr. Birrer and Airport Engineering. Protecting SFO from flooding and ensuring it remains operational in all conditions is paramount. Sea level rise presents unique challenges to SFO and the region, and SFO is preparing to protect itself from flooding and integrate with future regional flood protection efforts.

JOHN BRISCOE

Partner, Briscoe Ivester & Bazel LLP

John Briscoe, a founding partner of the law firm Briscoe Ivester & Bazel, LLP, co-founded the Bay Planning Coalition in late 1982 with several others, including Col. Frank Boerger. Briscoe served on the BPC board of directors for 29 years, and was twice its chairman, succeeding Boerger in 1990. He represents cities, ports, private landowners, three of the largest title insurers, teaches at Hastings and U.C. Berkeley School of Law, is a published poet and author, and is co-owner of Sam's Grill in San Francisco, America's fifth-oldest restaurant.

ALLISON BROOKS

Executive Director, Bay Area Regional Collaborative

As Executive Director of the Bay Area Regional Collaborative, Allison helps coordinate the major planning and implementation activities of the Bay Area's four regional agencies with a primary focus on advancing successful climate change mitigation and adaptation efforts across the region. The BARC member agencies include the Metropolitan Transportation Commission (MTC), the Association of Bay Area Governments (ABAG), the Bay Area Air Quality Management District (BAAQMD), and the Bay Conservation and Development Commission (BCDC).

Prior to joining BARC, Allison led the organization Reconnecting America (RA); a national capacity building intermediary, working directly with cities, regional and federal agencies, philanthropy and other key stakeholders across the United States to support the implementation of equitable transit oriented development. Prior to joining RA, Allison served over six years as Director of the Livable Communities Initiative at the East Bay Community Foundation where she co-founded the Great Communities Collaborative which is a network of philanthropy, non profit organizations, public and private sector partners advancing sustainable and equitable development and climate equity in the Bay Area. Allison holds a B.A. in Political Science from the University of California, San Diego (where she also played on the Division III National Championship Tennis Team) and a Masters in Sustainable International Development from the Heller School for Social Policy and Management at Brandeis University. She was a Peace Corps Volunteer in Ghana, West Africa.

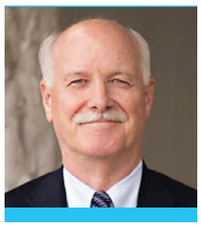
JOSH BURNAM

Principal Environmental Planner, Anchor QEA

Dr. Joshua Burnam, MPH, D.Env., is a principal environmental planner at Anchor QEA, LLC. His area of practice is primarily the planning, design, construction and oversight of projects relating to waterfront redevelopment, industrial development, navigation, coastal infrastructure, dredging, and sediment management.

Dr. Burnam is an expert in the application of the National Environmental Policy Act, California Environmental Quality Act, sediment management, and other environmental regulations for projects within the industrial development, port development, transportation, and dredging sectors.

Prior to joining Anchor QEA, Dr. Burnam was a senior regulatory project manager and regional expert for dredging, port development, and energy infrastructure for the U.S. Army Corps of Engineers (USACE) Regulatory Program. He served as the Los Angeles District regulatory dredging coordinator, chairman of the Dredging Operations Subcommittee of the Los Angeles Contaminated Sediments Task Force, and the lead regulator for numerous dredging and Port projects.



WARNER CHABOT

Executive Director, San Francisco Estuary Institute (SFEI)

Warner Chabot brings over 30 years of executive experience in the private, public and non-profit sector, focused on science-based, environmental planning and policy issues. Warner has specialized in California coastal, ocean, water, land use and energy issues at the local state and federal level. Prior to joining SFEI, Warner managed his own environmental planning and policy firm. His non-profit leadership includes also serving as the CEO of the California League of Conservation Voters and prior to that, as Vice President of Ocean Conservancy, a national ocean policy organization.

KEVIN CONGER

Partner, CMG Landscape Architecture

Kevin Conger is President and CEO of CMG Landscape Architecture in San Francisco, leading large and complex open space projects around the Bay Area. Kevin's passion is improving the social and ecological wellbeing of our cities; creating vibrant democratic public space and thriving natural systems in and around our cities. He believes that greater community awareness and engagement results in better stewardship and more sustainable communities.

Kevin's work includes the redevelopment of Treasure Island, the Shipyard at Hunters Point, Bay Meadows, Concord Naval Weapons Station Reuse plan, the redesign of Market Street, the expansion of Moscone Center, a 15 year partnership with Crissy Field, as well as highly crafted designs such as the SFMOMA Rooftop Sculpture Garden. CMG Landscape Architecture is also responsible for open space design at the Giants' Mission Rock, Facebook Headquarters, UC Berkeley Lower Sproul Plaza, UCSF 4th Street Plaza, and Terminal One in Point Richmond.

Kevin's has been on the forefront of sea level rise planning and recently worked with a Southern Marin community group lead by Supervisor Kate Sears to address long term sea level rise, where he developed a community engagement process he calls "Rise Up". He is currently using the Rise Up process for a sea level rise analysis at Crissy Field for the Parks Conservancy, with funding by the California Coastal Conservancy.

Kevin is a Fellow of the American Society of Landscape Architects, and a member of the Landscape Architecture Advisory Council at Cal Poly, SLO. He lectures frequently on the issues of public space, ecology and design.

BILL DUTRA

CEO, The Dutra Group

Bill Dutra, CEO of The Dutra Group, is the fourth generation of his family involved in the dredging business. However Dutra Construction Company, the forerunner of the Dutra Group, which he established in 1972, is his creation.

Bill's knowledge of the business was gained from the deck up. It began in 1961 when he went to work as a deck hand, then tugboat captain and ultimately as dredge captain. In 1965 he joined the National Guard, serving on active duty for 2 years. With the inspiration of a mentor, Claire Lopez, of Leslie Salt, as well as by his fellow servicemen, he decided to seek a college education. He received his degree from Oregon Institute of Technology. Married and with two young children at the time, Bill worked hard to complete college early, earning his bachelor's degree in 3 and one-half years. His areas of concentration were civil soils and metallurgical engineering as well as business management. He ventured out on his own after college. Returning to California, he obtained a contractor's license.

Dutra's first projects involved reclaiming land in California's Central Valley for large farming companies. In June, 1972, a major levee in the Sacramento Delta broke at Isleton, flooding Brannan/Andrus Island, a major highway, hundreds of homes and 12,000 acres of farm land. With a contract to repair the levee and pump out the flooded ground, Dutra was able to obtain several large pumps from farming giant J. G. Boswell. Although the task was estimated to require 18 months, Dutra dewatered the island in 110 days. That successful effort, which restored water flows to the south and allowed for planting and harvesting a corn crop on the island, earned the Company contracts with reclamation districts for levee maintenance and later for the reclamation of 10 flooded Delta islands.

Ready access to materials was a key ingredient in Dutra's capacity to affect both emergency and routine levee and harbor reclamation and repair. To achieve that, the Company arranged a rock distributorship with Basalt Rock Company, which operated the quarry in San Rafael. In 1986, Dillingham, Basalt's owner, looked to sell the quarry, along with two others. Dutra and Syar Industries agreed to purchase the package and distribute the quarries and personnel between them. As a result, Dutra acquired the San Rafael Rock Quarry, the only Northern California quarry with direct waterside access. In the same year, the Company enhanced its derrick barge and dredging capabilities with the purchase of Smith Rice Company of Alameda.

A notably successful emergency response occurred in 1989 when the Loma Prieta Earthquake brought down a section of the San Francisco-Oakland Bay Bridge. Dutra removed the damaged section and installed a new section within 30 days. This quick action restored the vital transportation link in one quarter of the time estimated by Caltrans engineers.

In 1991, Dutra took on a key element of Boston's "Big Dig" project. Using its largest dredge, Dutra drilled, blasted and excavated a three-quarter-mile-long trench 110 feet deep across Boston Harbor for the Ted Williams Tunnel connecting downtown Boston with Logan Airport.

Bill, along with his partner Harry Stewart, has been actively involved with the recent acquisition of the Hopper Stuyvesant, one of two Hopper dredges operating throughout the west coast and locations throughout the United States. To date, some of Dutra's accomplishments include and presence along San Francisco's waterfront and Crescent City.

Mentoring people is a key role for Bill in his position as Chairman and CEO. Among those he has mentored is Harry Stewart, a Dutra employee for 28 years, who now serves as president and is a shareholder in the firm.

Bill is proud of his three daughters, Denise, Aimi and Patty. Each is directly involved in the construction industry. Denise is the Business Development Director for Dutra. Aimi is involved with Dutra property entitlement approvals and is the Community Relations Director and Patty works on safety, communications and manages the Dutra family dredging museum.

One of Bill's greatest supports comes from his beautiful wife Pamela. Often, you can see the two of them visiting job sites, including what was one of Dutra's most challenging locations St. Paul Island, Alaska. Bill has three step children, Adam, Joy and Christine. He also enjoys his eleven grandchildren.

LARRY GOLDZBAND

Executive Director, San Francisco Bay Conservation and Development Commission

Prior his appointment to BCDC, Larry worked for members of both the U.S. House of Representatives and the U.S. Senate, was Chief Deputy Cabinet Secretary for former Governor Pete Wilson, and was Director of the California Department of Conservation. In the private sector, he managed Pacific Gas and Electric Company's charitable contributions program for over ten years and was Executive Director of the PG&E Corporation Foundation until July 2010. In the nonprofit sector, Larry was Policy Director for Efficiency First California prior to starting at BCDC. In addition, Larry twice served as a BCDC Commissioner for a total of almost ten years. Larry received his undergraduate degree from Pomona College and his MBA from the Kellogg Graduate School of Management at Northwestern University.

TOM GUARINO

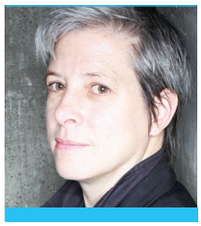
Senior Government Relations Representative, Pacific Gas and Electric Company

Tom Guarino is the Government Relations Manager for Pacific Gas and Electric Company for the East Bay Counties of Alameda and Contra Costa representing more than two-million people. Tom has held this position since May of 2002. In this position, Tom is the liaison to government agencies, business and community organizations, and community leaders.

Tom has received numerous honors for his work in sustainability and community work.

Tom has degrees from UCLA; Cal Poly Pomona; Cal State Bakersfield but nothing unfortunately from U.C. Berkeley although his son recently graduated from Cal.

Tom grew up in East Los Angeles where he worked at his family's restaurant – the Bahooka. Tom was the inventor of the world famous Guarino Grenade beverage.



PROFESSOR KRISTINA HILL

Associate Professor, UC Berkeley

Kristina Hill is a scholar of design and planning. She specializes in the application of ecological, hydrological and geomorphological knowledge to urban adaptation to sea level rise, and other climate change trends. She has worked on major adaptation plans for New Orleans, the mid-Atlantic coast, and Seattle. In Seattle, Hill had the experience of developing and leading a start-up public transit agency. Her current work is on identifying adaptation opportunities in the San Francisco Bay Area, with a focus on biodiversity, infrastructure strategies, new development approaches, and social justice. Hill was a co-author and editor of the book Ecology and Design, published by Island Press, and was guest editor for the 100th anniversary issue of Frontiers in Ecology and Environment, published by the Ecological Society of America in 2015. She lectures internationally on urban infrastructure and adaptation, and received her PhD from Harvard University. She has taught at MIT, the University of Washington and the University of Virginia. Hill is now an associate professor at UC Berkeley in landscape architecture and environmental planning, working on a book about strategies for urban adaptation to sea level rise.

AMY HUTZEL

Deputy Executive Officer, California State Coastal Conservancy

Amy Hutzel is a Deputy Executive Officer at the Coastal Conservancy, which works to protect open space, increase public access and recreation, and restore wildlife habitats along the Coast and in the Bay Area. She worked in the San Francisco Bay Area Program of the State Coastal Conservancy for 15 years, on such projects as the Hamilton Restoration, Napa River Salt Marsh and the South Bay Salt Ponds. She is the current chair of the San Francisco Estuary Partnership and the Bay Area Ecosystems Climate Change Consortium. She has a bachelor degree in urban and environmental planning from the University of Virginia. She worked as an educator at the San Francisco Bay National Wildlife Refuge, Kilauea Point National Wildlife Refuge, and Save The Bay prior to joining the Coastal Conservancy.

DAVID IVESTER

Partner, Briscoe Ivester & Bazel LLP

David Ivester has been practicing law for more than 30 years. He is one of the three founding partners at Briscoe Ivester & Bazel LLP, where his practice focuses on land use, environmental, and natural resource law. He has represented landowners, developers, public entities, energy companies and various other businesses on a wide variety of environmental, land use, land title and water quality issues before federal, state and local regulatory agencies and state and federal trial and appellate courts. David has frequently lectured and written about environmental and land use regulation.

David regularly represents clients in federal, state, and local regulatory agencies on land use, environmental review, wetlands, endangered species, water quality, and natural resource issues. He has broad experience with the U.S. Army Corps of Engineers, Environmental Protection Agency, U.S. Fish and Wildlife Service, National Marine Fisheries Service, Federal

CONGRESSWOMAN BARBARA LEE

D-Oakland

Congresswoman Barbara Lee is a forceful and progressive voice in Congress, dedicated to social and economic justice, international peace, and civil and human rights.

First elected in 1998 to represent California's then-9th Congressional District (now the 13th), the Democratic lawmaker has established a reputation for principled and independent stands, unafraid to take on the tough issues and speak her mind for her constituents, for a more just America, and for a safer world. As a social worker by profession, being an advocate for people dealing with the federal bureaucracy has been a priority.

She has aggressively represented the needs of the underserved and vulnerable people in her district and throughout the U.S., vigorously advocating for a wide range of social and economic concerns.

Her accomplishments are many, including authoring or co-authoring every major piece of legislation dealing with global HIV/AIDS issues since she was elected to Congress. This includes legislation that created the President's Emergency Plan for AIDS Relief (PEPFAR), the Global Fund to Fight HIV/AIDS, TB and Malaria, and the position of Special Advisor for Orphans and Vulnerable Children. She has secured millions of dollars for HIV/AIDS prevention, education, treatment and care services in Alameda County.

Her 2008 amendment requiring that any U.S. agreement to defend Iraq be expressly authorized by Congress or be included in a Senate approved treaty was stripped from a defense bill under the threat of a veto by President Bush. In September of 2013, President Obama nominated Congresswoman Lee to be a Representative of the United States to the Sixty-eighth Session of the General Assembly of the United Nations, making her the first African American woman to hold that position.

Congresswoman Lee began her political career as an intern in the office of her predecessor, former Congressman and former Oakland Mayor Ron Dellums, where she eventually became his Chief of Staff. Before being elected to Congress, she served in the California State Assembly and in the California State Senate.

DAVID LEWIS

Executive Director, Save The Bay

For 18 years, David has led Save The Bay, the largest regional organization working to make San Francisco Bay cleaner and healthier for people and wildlife. David has led campaigns to win legal protections for the Bay, accelerate thousands of acres of wetland restoration, and prevent filling of the Bay. A Bay Area native, David previously worked in the U.S. Senate and on international nuclear arms control issues in Washington, DC.

AL PANICCIA

Senior Project Manager, U.S. Army Corps of Engineers

Al Paniccia is the Navigation Business Line Program Manager for the U.S. Army Corps of Engineers, San Francisco District. As the Navigation Business Line Program Manager, he is responsible for the planning, budgeting, and execution of the San Francisco District's multi-million dollar Navigation Program, which includes maintenance dredging of approximately 2 million cubic yards of sediment per year from the federally-authorized navigation channels in the San Francisco Bay Area and the California coast from Crescent City to Monterey. Al also serves as a Senior Project Manager and is responsible for executing multiple, high value, environmentally sensitive Civil Works water resources projects which are of national priority. Al's primary focus continues to be maintenance dredging projects for the deep-water ports throughout the Bay Area. He has been with the San Francisco District since April 2002.

Beginning in 2004, Al has represented the San Francisco District as the Long-Term Management Strategy (LTMS) Program Manager, helping to plan and manage the dredging program in partnership with the member agencies - the San Francisco Bay Conservation and Development Commission, the San Francisco Bay Regional Water Quality Control Board, and the U.S. Environmental Protection Agency. Through its participation in the LTMS program, the San Francisco District has been a leader in maximizing the beneficial use of sediment as a valuable resource for habitat creation. Al's duties include planning, budgeting and executing a myriad of study activities funded by Congress on behalf of the LTMS program.

A native of upstate New York, Al has nearly 30 years of federal service as a program manager and mechanical engineer supporting Department of Defense facilities infrastructure. Prior to joining the U.S. Army Corps of Engineers, Al provided professional mechanical engineering services to the United States Coast Guard, the United States Army at Oakland Army Base and the Presidio of San Francisco, and the United States Navy at the Naval Air Rework Facility in Norfolk, Virginia.

Al earned a Juris Doctor degree from John F. Kennedy University School of Law in Walnut Creek, California, in 1999, passed the California Bar Exam that same summer and remains a member of the State Bar of California. Al received his Bachelor of Science degree in Mechanical & Industrial Engineering from Clarkson University, Potsdam, NY, in 1983.

ERIC SAPIRSTEIN

Founder and President, ENS Resources

After leadership positions at the U.S. Environmental Protection Agency (EPA) and Washington-based consulting firms, Eric Sapirstein founded ENS Resources, Inc., in 1986. For more than 20 years, his firm has focused on legislative and regulatory affairs consulting for local and regional governments as well as national organizations that serve the public's interests.

Throughout his career, Mr. Sapirstein has been a recognized leader in environmental protection and innovative energy policy issues. Prior to establishing ENS, Mr. Sapirstein was a Policy and Governmental Affairs Analyst with JSCF, Inc. He focused on regulatory and legislative initiatives related to Appropriations, the Resource Conservation and Recovery Act, the Clean Water Act, the Safe Drinking Water Act, and forestry management.

Before working on behalf of clients, Mr. Sapirstein represented the EPA before Congress. He advised senior Agency officials on strategies regarding waste management, radioactive materials, and clean water policy issues, and he represented the Agency with members of Congress, Congressional staff, and federal and state agencies. Mr. Sapirstein received two Special Achievement Awards, recognizing superior work that helped ensure passage of the Superfund Act during the 96th Congress.

RICHARD SINKOFF

Director of Environmental Programs and Planning, Port Of Oakland

Richard Sinkoff is the Director of the Division of Environmental Programs and Planning at the Port of Oakland. In this role, Mr. Sinkoff leads the Port of Oakland's environmental and regulatory compliance, safety and development permit programs for the seaport, Oakland International Airport and the Port's real estate portfolios. In 2007-2009, Mr. Sinkoff directed the Port of Oakland's Maritime Air Quality Improvement Plan (MAQIP).

In 2012, the Port's updated emissions inventory showed a 70% reduction in diesel particulate matter (DPM) from maritime-related mobile sources.

In 2010, Mr. Sinkoff led the development of the Port of Oakland 5-year Strategic Plan, which provided the framework for stability and growth at the Port of Oakland from 2010 through 2015.

Mr. Sinkoff is an Executive Committee and Board Member of the Bay Planning Coalition, an Oakland-based industrial trade association that advances sustainable commerce, industry, infrastructure, recreation and the natural environment connected to the San Francisco Bay and its watershed. In 2014, Mr. Sinkoff was elected Vice President of the Bay Planning Coalition for a two-year term.

In 2016, Mr. Sinkoff is chairing BPC's Spring Summit 2016 Committee to reposition BPC's annual Spring conference with a forward focus on resiliency, beneficial reuse of dredged materials, and adaptation to climate change.

Mr. Sinkoff is a graduate of Columbia University (BA, Urban Studies and Architecture History, cum laude) and UC Berkeley (Master of City Planning). In 2006, Mr. Sinkoff completed four years of part-time, evening legal studies and earned his Juris Doctorate (JD) from Golden Gate University School of Law in San Francisco, where he was awarded the Grotius Award for Academic Excellence in International Law.

Mr. Sinkoff is fluent in French, German, Portuguese and Spanish.

Mr. Sinkoff speaks regularly before diverse audiences on best practices in planning and environmental compliance with a focus on resiliency, the "city-port interface", innovative public engagement and access, and air quality and climate change. From Oakland, California to Agadir, Morocco, Mr. Sinkoff has successfully led project teams to design innovative solutions tailored to local planning challenges.

Mr. Sinkoff is an avid swimmer, cyclist, and skier and enjoys year-round hiking in California and summer ascents in the High Peaks Region of New York State's Adirondacks.

DAVID SMITH

Stice & Block LLP

Over the course of his legal career, Mr. Smith has represented individual land development and conservation companies as well as the industry at large in a broad array of land use, entitlement and regulatory contexts. Mr. Smith's particular areas of legal expertise include land use and entitlement laws and regulations at all jurisdictional levels, especially climate change (e.g., SB 375 and AB 32), water supply (SB 211 and SB 610), the Endangered Species Act, the Clean Water Act, the California Environmental Quality Act, the National Environmental Policy Act, and California's Planning and Zoning law.

Prior to joining Stice & Block, Mr. Smith was a Senior Vice President for DMB Pacific Ventures LLC, a strategic real estate and land use investment company. Mr. Smith's primary focus was on DMB communities in California, though he also works on projects in other western states. DMB's proposed projects represent some of the most dynamic and complex regulatory development and conservation challenges and opportunities in the state.

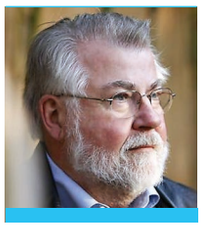
In addition to his job responsibilities, Mr. Smith has published many articles on issues of concern for development and conservation interests, including Endangered Species Act compliance and policy, water supply, storm water quality and regulation, and anti-growth litigation. Mr. Smith has also lectured throughout the nation, including the University of California, Berkeley's Boalt Hall, UCLA, the University of Southern California, and the U.S. Fish and Wildlife Service's National Conservation Training Center.

Mr. Smith received his B.A. from the University of California, Los Angeles in 1988, and his J.D. (magna cum laude) from Pepperdine University in 1995. Additionally, Mr. Smith served as a judicial extern for the California Supreme Court. Mr. Smith resides in Southern California with his wife and three children.

DIANA SOKOLOVE

Senior Planner, City and County of San Francisco

Diana Sokolove is a Senior Planner with the San Francisco Planning Department with over 20 years of experience. Ms. Sokolove's primary expertise is in urban resiliency planning, environmental review, public involvement. On behalf of the City and County of San Francisco, Ms. Sokolove managed the environmental review of the San Francisco Public Utilities Commission's $6 billion Water System Improvement Program. She now staffs the Mayor's Sea Level Rise Coordinating Committee and is leading a regional design challenge, "Bay Area – Resilient by Design," modeled after the award-winning Rebuild by Design competition post-Superstorm Sandy on the east coast. Prior to joining the San Francisco Planning Department, Ms. Sokolove worked for CH2M HILL, an international environmental engineering company as a Senior Environmental Project Manager. In this capacity, Ms. Sokolove managed complex water resources and water infrastructure projects in both rural and urban communities. Ms. Sokolove has a Master's degree in City and Regional Planning from the University of North Carolina at Chapel Hill and a Bachelor of Arts in Political Science and Environmental Studies from the University of Rochester. Ms. Sokolove is also certified as a public engagement specialist by the International Association of Public Participation.



WILL TRAVIS

Planning Consultant

Will Travis, who is commonly called "Trav," is a consultant, writer, teacher and speaker on sea level rise adaptation planning.

He received Bachelor of Architecture and Master of Regional Planning degrees, both from Penn State University. Between 1961 and 1970 he worked in the fields of architecture, local planning, private consulting, advertising and public relations.

From 1970 until 1972 he was design analyst at the San Francisco Bay Conservation and Development Commission (BCDC), the nation's first state coastal management agency.

In 1972 Trav joined a consulting firm created by Stewart Udall, which drafted the first master plan for the East Bay Regional Park District. From 1973 to 1985 he served in a number of positions at the California Coastal Commission where he headed the staff divisions responsible for public access, offshore oil development, federal program administration, and administrative services.

In 1985 Trav was appointed deputy director of BCDC. From 1990 until 2001, he was BCDC's representative to and chairman of a trustee committee that managed a multi-million dollar oil spill settlement fund. In that capacity, he spearheaded the public acquisition of 10,000 acres of privately-owned salt ponds along the northern shoreline of San Francisco Bay; the ponds are now being converted to natural habitat as part of the largest wetland restoration project in the western United States.

In 1995 he was appointed executive director of BCDC. Under his leadership in 2011 BCDC became the nation's first state coastal management agency to adopt development regulations for addressing sea level rise. In 2012 he served as a senior advisor to the Bay Area Joint Policy Committee, which coordinates the land use planning of four regional agencies.

Trav is a popular public speaker, has written extensively on coastal management, and has been a lecturer at universities throughout North America. He serves on the boards of directors of a number of professional and civic organizations. He was a member of the Berkeley city planning commission and was chairman of a special committee that worked with the University of California to formulate a new plan for downtown Berkeley.

He is the 2009 recipient of the Jean Auer Environmental Award, presented by the San Francisco Estuary Partnership, and the 2012 recipient of the Frank C. Boerger Award, presented by the Bay Planning Coalition. Trav and his wife, Jody Loeffler, are the authors of Katherine's Gift, a memoir on international adoption. They live in Berkeley, California.

DILIP TRIVEDI

Vice President, Moffatt & Nichol

Dr. Dilip Trivedi is a Principal with Moffatt & Nichol in the San Francisco Bay Area, where he has been practicing Coastal Engineering for about 25 years. He obtained his Graduate degrees from Texas A&M University, and Undergraduate degree from Bangalore University. His area of expertise is coastal engineering, specifically in the areas of redevelopment of urban waterfronts; dredging and sediment management; hydrodynamics and wetlands restoration; and flood mitigation and adapting to sea level rise. Dilip is an early design innovator in addressing sea level rise and is leading the sea level rise and public use planning for three of the largest urban waterfront redevelopment projects in the San Francisco Bay region. He has also played a significant role in the restoration planning for some of the largest restoration projects in SF Bay including Bair Island, Bel Marin Keys, South Bay Salt Ponds, Cullinan Ranch, and Sears Point, where he focused on the beneficial use of material dredged from navigation channels.

THANH VUONG

Port Supervising Engineer - Civil Work, Port of Oakland

Thanh is a Supervising Engineer in the Maritime Project Design & Delivery Department at the Port of Oakland. He manages the Port's Annual Berth Maintenance Dredging Program and implements the Port's Capital Improvement Program. Thanh has over 15 years of experience in planning and delivering public agency projects and has delivered projects for Caltrans and the City of Fairfield, in addition to the Port. He has a bachelor's degree in Civil Engineering from UC Davis. In his spare time, he enjoys fishing and spending time with his family.

DAVID R. WILLIAMS

Executive Director, Bay Area Clean Water Agencies

David Williams is the Executive Director of the Bay Area Clean Water Agencies (BACWA), a regulatory advocacy association representing 40 wastewater public agencies in the San Francisco Bay Area. Mr. Williams brings a broad background of experience to the position. He has over 35 years of experience in the public and private sector and most recently was the Director of Wastewater for the East Bay Municipal Utility District for 20 years where he oversaw all operations and maintenance, wastewater engineering, laboratory services, industrial recycling facilities, plus an innovative program known as the Resource Recovery Program which utilizes high strength organic wastes to generate renewable energy.

Mr. Williams has also been active in local, regional, state, and national professional organizations where he has been the President of the National Association of Clean Water Agencies (NACWA), the President of the California Association of Sanitation Agencies (CASA), the chair of the San Francisco Bay Aquatic Science Center, and is currently an elected Board Member of the Central Contra Costa Sanitary District in Contra Costa County, California.

He earned his BS in civil engineering and MS in sanitary engineering at Purdue University and has an MBA from University of California, Berkeley.

Intern Presentation

KEVIN PROCHNOW

Intern-Business Administration: International Business & Logistics Major

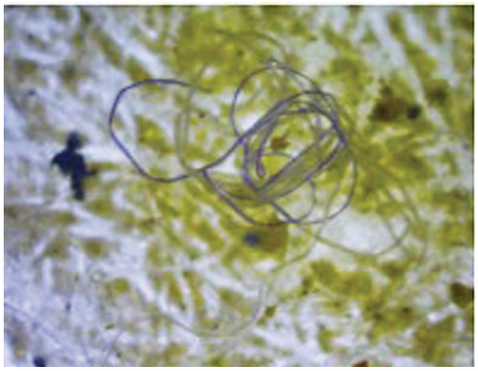
Kevin Prochnow recently concluded his junior year at the California State Maritime Academy (Cal Maritime) in the Maritime Policy & Management program. He began his internship at the Bay Planning Coalition in the beginning of the spring 2016 semester.

His primary role is to research the impacts of micro-plastic contamination in the San Francisco Bay, and its implications for the Bay Area's maritime industry and overall economy. Mr. Prochnow assists in the implementation of BPC's educational Expert Briefing and Workshop events, and assisting BPC staff in managing website content.

In addition, Mr. Prochnow developed a comprehensive long-term marketing strategy for generating membership. The first phase he assisted in implementing was the BPC blog, an effective website strategy to improve search engine optimization, generate visitor traffic to convert into leads, and a platform for BPC to take a public stance on current issues.

Mr. Prochnow is a Coast Guard Petty Officer 3rd Class Boatswain's Mate, currently serving in the reserves at Coast Guard Station San Francisco. He will begin his senior year at Cal Maritime in the fall semester, and wishes to further pursue his career goals in port operations management.

THE NEW MODALITY OF POLLUTION



Mr. Prochnow will be presenting his research on the potential environmental impacts of micro-plastic contamination in the San Francisco Bay, and its implications for the Bay Area's maritime industry and overall economy.

Macro- and micro-plastic pollution has been recognized as a growing concern in the environmental community for decades. A recent study conducted in 2015, by Dr. Rebecca Sutton from the San Francisco Estuary Institute, indicated micro-plastic concentrations in the SF Bay are higher than any large body of water in the United States. The California State Legislature passed a bill, AB 888, by Assemblyman Richard Bloom, D-Santa Monica, to ban plastic micro-beads in cosmetics and other personal care products sold in California. Governor Gerry Brown approved the bill on October 08, 2015, and will ban micro-beads on and after January 1, 2020. However, micro-beads have yet to be proven as a significant contributor to our local micro-plastic contamination, as fragmentation and synthetic fibers are the greatest contributors observed so far.

The presentation will conclude with the local and global concern for micro-plastic contamination, and recommendations for reduction to encourage support from the Bay Area stakeholders.

Contact Information:
kprochnow@csum.edu
1 (949) 616 - 0195

Frank C. Boerger Award

FRANK C. BOERGER was a founding director and chairman of the Bay Planning Coalition from 1985-1990. Frank was a professional engineer, distinguished military man and respected civil leader, well known for his outstanding achievements in several Bay Area public and private non-profit institutions. He first became active in Bay Area affairs in his position as District Engineer of the U.S. Army Corps of Engineers, San Francisco, and represented USACE on the San Francisco Bay Conservation and Development Commission in the early '60s. He established the Northern California Ports and Terminals Bureau and the Golden Gate Ports Association, which was the precursor to the Bay Planning Coalition. In these early advocacy efforts, he was instrumental in the U.S. Congressional authorization of the John Baldwin Ship Channel -45' navigation project between the Golden Gate Bridge and the Port of Stockton. Frank was also the first chairman of the Golden Gate National Recreation Area Citizen Advisory Committee. Many of Frank's accomplishments reflect his efforts to balance conservation and development in and around San Francisco Bay.

BPC presents the Frank C. Boerger Award annually to an individual who appreciates the rigors of advocating environmental protection and economic progress, and forges the path to achieve both. This person is passionate in convictions, balanced in judgment, and talented in bringing diverse interests and stakeholders together to address the issues of the environment and development.

2016 FRANK C. BOERGER AWARD RECIPIENT:

MONIQUE MOYER

Past Executive Director, Port of San Francisco

Monique most recently served 11 years as Executive Director of the Port of San Francisco, a 2004 mayoral appointment. Monique holds the distinction as the Port's longest-serving director and the second woman director. Monique oversaw the Port's varied real estate assets and tenant base, led a staff of 265 and directed an annual operating and capital budget of $147 million. During her tenure she secured $250 million of new public investment and facilitated $1 billion in private investment in Port assets, co-hosted 3 Baseball World Series, the 2007 Baseball All Star Game, the 2013 34th America's Cup and numerous 2016 Super Bowl 50 events and responded to the 2006 Cosco Busan marine oil spill.

Previously, Monique served as the City's Director of Public Finance. She managed the City's $2 billion debt portfolio, represented Mayor Willie L. Brown on the CalPERS board of directors, and numerous other issues of financial complexity. Monique also served as Director of the Office of Economic Development in 1997.

Prior to joining the government sector in 1996, Monique held officer positions with two investment banking firms that specialized in municipal finance.

Monique is now a Senior Managing Director at CBRE Global Workplace Solutions and a Regional Director of the West Division, responsible for the Bay Area, California. Monique joined CBRE in March 2016 where she leads a skilled team that leverages organizations' workplaces as competitive advantages for business success and employee satisfaction.

THIS YEAR THE BAY LOST ONE OF ITS GREATEST CHAMPIONS. BELOW IS A TRIBUTE TO SYLVIA MCLAUGHLIN WRITTEN BY PAST BPC PRESIDENT JOHN BRISCOE

SYLVIA MCLAUGHLIN

1916-2016

A Remembrance

SYLVIA MCLAUGHLIN was godmother of the modern environmental movement in the United States. In that way I introduced her to audiences many times, including the time we presented her the Frank Boerger Award, to her everlasting delight.

But Sylvia would ever correct me by saying it was Kay Kerr and Esther Gulick who midwifed that movement beginning in 1960, a full 10 years before the first Earth Day, with only a bit of help from her. Sylvia was, in fact, the fiercest of those three tigresses but regardless, the three did usher in the movement when they founded the Save San Francisco Bay Association, which became remarkable for several reasons.

For one, Save the Bay resurrected the notion that a "conservation" organization could be activist, a notion that had been moribund since John Muir lost his fight to prevent the damming of Hetch-Hetchy Valley. For another, it focused not on preserving wilderness, as such groups traditionally had, but on preserving and enhancing an urban environment. Third, it built a vast membership on the ingenious idea to charge but a dollar a year for membership.

Five years after its founding Save the Bay prevailed on State Senators Gene McAteer of San Francisco and Nick Petris of Richmond to push passage of the law that created the San Francisco Bay Conservation and Development Commission. BCDC was the first regional land-use regulatory agency in the country. It was an experiment in urban government, an experiment in constitutional law. It was an extraordinary achievement for Sylvia, and Kay and Esther.

Recall that this was a time when the Bay was being filled at the rate of hundreds and sometimes thousands of acres per year. The Corps of Engineers had published a plan in 1959 proposing that by 2020, the Bay be almost entirely filled, leaving only narrow navigational locks that would also be used to impound fresh water.

From the first, Sylvia and her co-founders of Save the Bay had sought a galvanizing event, one that would startle the complacent Bay Area populace and enable the three women to bring their dream to save the Bay to the Legislature. That moment occurred in 1965 when a consortium composed of The Crocker Land Company, Ideal Basic Industries, David Rockefeller and Lazard Freres unveiled a plan before the San Mateo County Board of Supervisors to fill 10,000 acres of San Francisco Bay, along 27 miles of shoreline, from the San Francisco Airport to the Santa Clara County boundary. The fill material would be dirt scraped from the upper slopes of Mount San Bruno. The State had issued an encroachment permit for a conveyor that would straddle Highway 101 and deliver the dirt to awaiting barges at Sierra Point. The would-be developers were astonished when their plan was unenthusiastically received. Sylvia and her colleagues, on the other hand, had got their moment, and BCDC came into existence.

The fight over whether the 10,000 acres of the Bay would be filled, however, lasted 12 years. Throughout it the spokesperson for the consortium, Westbay Community Associates, was Robert Cranmer of Denver, Colorado, a gentleman of the sort so sadly missing in public life today. During these many public meetings and numerous court hearings on that contentious project, Mr. Cranmer was ever the face of Westbay, as Sylvia was the face of Save the Bay. In the end, Westbay's proposal was defeated.

Throughout those 12 years, before every public meeting, before every court hearing,

Mr. Cranmer and Sylvia would embrace, chat with each other warmly, and then retire to their respective corners until the conclusion of the matter, when they would embrace again, and talk.

Sylvia had been born Sylvia Cranmer. She and Bob Cranmer were first cousins, and very close.

Sylvia's husband was a hard-rock miner--William Randolph Hearst's chief miner in fact. Donald McLaughlin was Chairman and CEO of Homestake Mining Company. (He was also a Regent of the University of California, and a professor of mining and geology there.)

Such is our history. Sophocles would not have wit to write it.

Sylvia was a founder too of Citizens for East Shore Parks (CESP). The remarkable five-city shoreline park that now exists on the Alameda and Contra Costa shoreline is named, of course, for her. CESP celebrated its 30th anniversary last November 7, and my firm was privileged to host her and her family at a table at that event.

Sylvia turned 99 last month, on Christmas Eve. She was ever present at events in my life, and I in turn at events in hers. She danced with me on her 90th birthday, but she won't on her 100th.

Then again, she's done the impossible before.

John Briscoe
January 2016

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Bay Planning Coalition Welcomes its Newest Members

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• Founded in 1920, The Associated General Contractors of California proudly continues to be an organization of responsible construction firms and industry-related companies dedicated to skill and integrity in improving our physical environment. The mission of the Associated General Contrpactors of California is to be the recognized leader in providing business opportunities, education, training, resources, and advocacy for its members while advancing sound public policy for the construction industry.

RUSSELL BARNES, WILSHIRE CONSULTING (707)-815-1707, *RBarnes@WilshireConsultingLLC.com*

• Wilshire Consulting Services, LLC is a Bay Area consulting micro business specializing in providing construction management and project control expertise to the water front community. We bring decades of construction and dredging experience to any new construction, maintenance, repair, or dredging project by supplementing existing staff or leading a project specific team. Specific services include schedule and budget control, quality assurance, permit application management, design management, contractor payment management, project administration, change order negotiation, and construction management from the design stage, through bidding and construction all the way to the punch list, final retention release, and project close out.

BRICKYARD COVE HOMEOWNERS ASSOCIATION #2 (617) 371-8646, *waltkagan@gmail.com*

• The Brickyard Cove HOA2 is an association of approximately 50 members who are fortunate to live on Sandpiper Spit in Richmond, California, one of the most beautiful areas in the SF bay. We look forward to working with other members of the Bay Planning Commission to preserve and protect our wonderful environment. We are particularly interested in issues related to FEMA, flood insurance, flood protection and dredging.

DUDEK (415) 655-8338, *www.dudek.com*

• Our mission is to have happy clients by helping them plan, design, build, and maintain successful projects. Complying with California's complex, restrictive regulatory laws requires a diverse team of knowledgeable, experienced professionals working collaboratively with the project owner and regulatory community. Working each day in California's water/wastewater, energy, transportation, development, healthcare, education, and municipal sectors, we strive to be our clients' 'go-to' consultant for project planning, design, approval and construction. To achieve this, our professionals work diligently to understand project goals and constraints and apply their knowledge of California's regulatory environment to move projects forward.

ELIZABETH C. COPLEY, AICP *elizabethcopley1@outlook.com*

• Elizabeth is a regulatory specialist who spent much of her career focused on the waterfront. She joined the BPC looking to resolve critical issues associated with our stewardship of the Bay. She's involved in the Dredging and Beneficial Reuse and the Legislative and Policy committees. Her SF Bay consulting projects have included the permitting of deconstruction of derelict piers/wharves and a decommissioned power plant on the Bay, approvals requiring California State Lands Commission, BCDC, USACE, RWQCB and resource agency reviews and approvals.

FRIENDS OF THE CANAL (415) 453-1001, *www.friendsofthecanal.nationbuilder.com*

• The Friends of the Canal is a coalition of concerned citizens and businesses promoting and protecting the commercial and recreational use of the San Rafael Canal and regional waterways. The mission of the coalition to ensure waterfront viability while maintaining quality of life.

FOUR TWENTY SEVEN (415) 420-0074, *www.427mt.com*

• Four Twenty Seven is a mission-driven company dedicated to building climate resilience through social innovation. We deliver solutions that help companies integrate climate risk intelligence into business decision-making. We challenge our clients to implement solutions that grow their business while protecting local communities. We engage in research and projects that foster this dialogue and support our collective journey towards resilience.

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HANSON BRIDGETT LLP (415) 995-5835, *www.hansonbridgett.com*

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JOHN VASQUEZ Supervisor, County of Solano – District 4

• Supervisor John M. Vazquez is the Supervisor for the 4th District for the Solano County Board of Supervisors. Supervisor Vasquez was elected to serve as Supervisor for the 4th District in November 2002. The district he represents covers the cities of Vacaville and Dixon and the Northern part of Solano containing some of the riches farmland in the State. Of major importance to John is the preservation of agriculture, water, public safety, transportation, veterans, seniors, economic development and the impact of poverty throughout Solano County. John's actions have demonstrated that a prudent, effective fiscally responsible county government can continue to invest in its future.

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URBAN ECONOMICS, (510) 816-9458, *bobinoakland@gmail.com*

• Robert D. Spencer has 30 years of experience providing economic and financial consulting services to public agencies. His core area of expertise is forming public/private partnerships to finance infrastructure for economic development. He joined the Bay Planning Coalition to work with industries and public agencies as they face the challenges of adapting to sea level rise in the Bay Area.

Become a Bay Planning Coalition Member!

BPC HAS 33 YEARS OF EXPERIENCE IN...

NETWORKING

BPC is a collection of the business and environmental leaders in the Bay Area. BPC events, like the Annual Decision Makers Conference, gather experts in a number of industries that is relevant to your ongoing work. Our members benefit from meeting and building relationships with their peers. BPC helps connect members with regulators to explore solutions to conflicts over the use of the Bay and contiguous shoreline.

ADVOCACY

BPC is an advocate for the issues that impact your organization. BPC works on a local, state, and federal level to represent the economic and environmental needs of the region. We attend and frequently speak at the hearings and committee meetings to advocate for rational and sensible solutions to permitting, environmental, and economic issues.

EDUCATION

BPC provides a number of member services including conferences, briefings, and workshops. We help our members stay up-to-date on rules and regulations, breaking news on issues and bay projects, permit assistance, advocacy, and strategic responses to proposed regulations and legislation.

Join today and have access to these great benefits and more!

PICK UP A MEMBERSHIP PACKET AT TODAY'S EVENT
OR
GO TO bayplanningcoalition.org FOR MORE INFORMATION

Upcoming BPC Events and Meetings

Remember to watch our website and newsletter for additions and updates

WEDNESDAY, MAY 18, 2016
BPC Board of Directors Meeting
Port of Oakland, Oakland, CA, 11:00 AM to 2:00 PM

FRIDAY, MAY 20, 2016
Dredging & Beneficial Reuse Committee Meeting
BPC Office, Oakland, CA, 1:00 PM to 2:30 PM

THURSDAY, MAY 26, 2016
BPC Expert Briefing: Moving Through the Regulatory Process On Time and Under Budget
Port of San Francisco (tentative), San Francisco, CA, 11:00 AM to 1:30 PM

THURSDAY, JULY 14, 2016
Dredging & Beneficial Reuse Committee Meeting
BPC Office, Oakland, CA, 1:00 PM to 2:30 PM

FRIDAY, SEPTEMBER 16, 2016
BPC Workshop: Energy & Water Nexus Summit 5
EBMUD, Oakland, CA, 9:30 AM to 3:00 PM

WEDNESDAY, SEPTEMBER 21, 2016
BPC Board of Directors Meeting
Port of Oakland, Oakland, CA, 11:00 AM to 2:00 PM

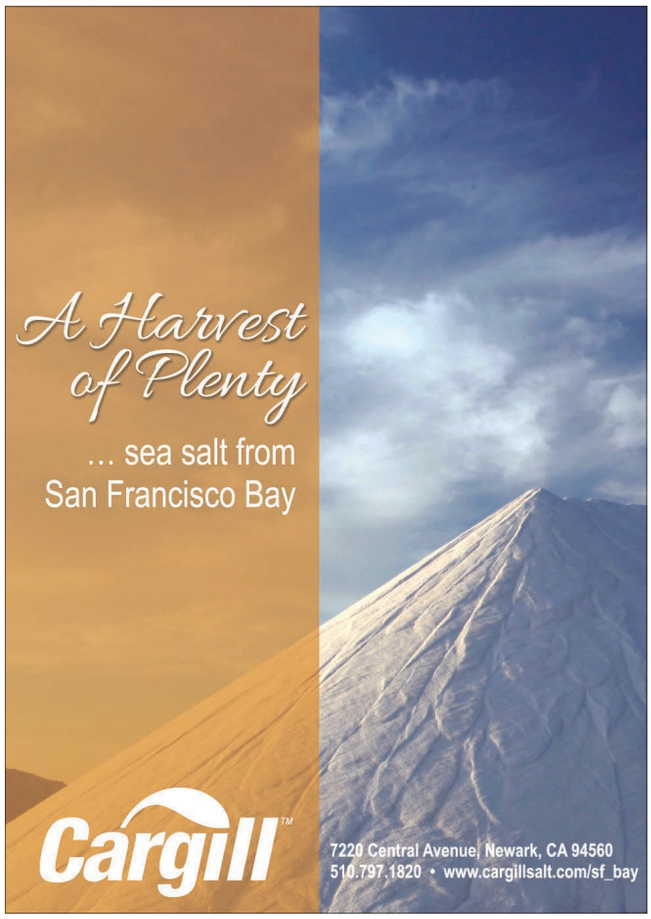
THURSDAY, SEPTEMBER 22, 2016
Dredging & Beneficial Reuse Committee Meeting
BPC Office, Oakland, CA, 1:00 PM to 2:30 PM

WEDNESDAY, OCTOBER 5, 2016
BPC Expert Briefing: CEQA Update
Wendel, Rosen, Black & Dean LLP, Oakland, CA, 11:00 AM to 1:30 PM

WEDNESDAY, NOVEMBER 9, 2016
BPC Workshop: Dredging & Beneficial Reuse
Port of Oakland, Oakland, CA, 9:30 AM to 12:30 PM

FRIDAY, DECEMBER 9, 2016
BPC Board of Directors Meeting
St. Francis Yacht Club, San Francisco, CA, 8:30 AM to 11:30 AM

FRIDAY, DECEMBER 9, 2016
BPC Annual Meeting & Luncheon
St. Francis Yacht Club, San Francisco, CA, 11:30 AM to 2:00 PM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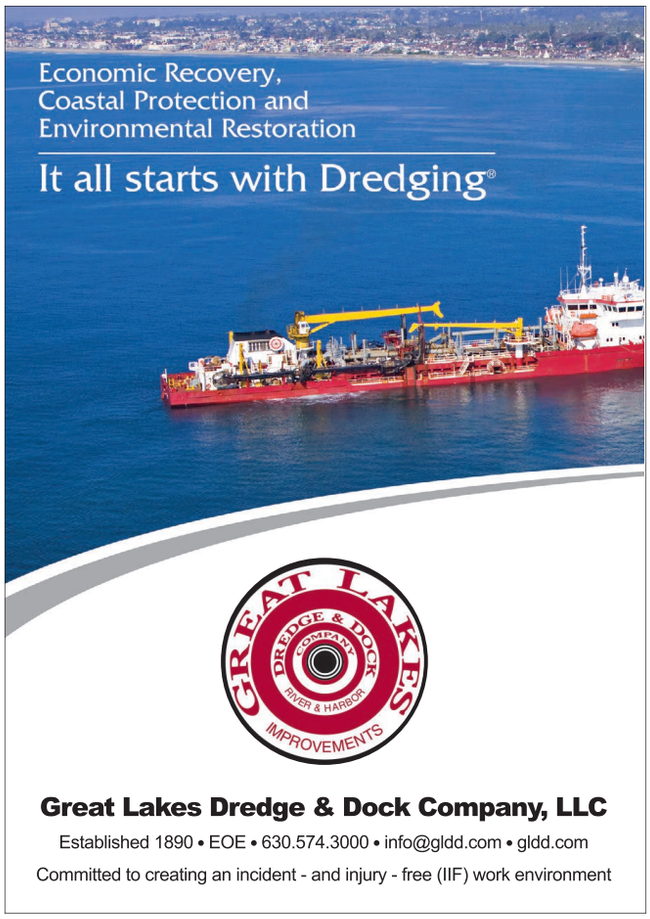
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Get Involved

BPC MEMBER COMMITTEES

Our committees are an excellent way to become involved with the issues affecting your organization and BPC's advocacy on them. Any employee from a BPC member company is eligible to participate on any committee, most of which meet quarterly. To learn more about a committee, or to sign up to participate, please contact any BPC staff member.

DREDGING AND BENEFICIAL REUSE

Chair: JACLYN GNUSTI, *Anchor QEA*

Dredging and disposal of dredged materials are essential to maintaining port activities such as maritime trade, recreational boating and other public trust issues. BPC and the Dredging and Beneficial Reuse Committee advocate for dredging that is accomplished within economic and environmental constraints, although a multitude of environmental, funding, contracting, regulatory and physical challenges make this a difficult undertaking.

LEGISLATIVE & POLICY

Chair: WALT GILL, *Chevron Corporation*

Examines developments in Federal, state, regional and local public policy related to energy, environment, dredging, infrastructure, taxation, trade, transportation, water, and other issues related to BPC's mission and vision and strategic priorities. This committee also focuses on Federal, state, regional and local public policy related to climate change, rising sea level, and coastal resiliency.

MEMBERSHIP

Chair: CHRIS ELIAS, *Santa Clara Valley Water District*

The Membership Committee, chaired by Chris Elias of Santa Clara Valley Water District, is one BPC's newest committees. The purpose of the Committee is to diversify membership to increase BPC's advocacy power. Outcomes of the Committee include improved member retention, enrollment of new members, and development of new marketing collateral and new strategies for BPC membership growth.

ORGANIZATIONAL DEVELOPMENT

Chair: LAURA KENNEDY, *Kennedy/Jenks Consultants*

Operates as an internal strategy group works to improve all facets of BPC's operations. This includes advising on board development, staff and governance issues, increasing membership, and ensuring that BPC adds as much value as possible for its member organizations. This committee will also review staff needs and salary appraisals to ensure that BPC competes for the best and brightest candidates to fill staff vacancies.

SUSTAINABLE WATERFRONTS

Chair: DILIP TRIVEDI, *Moffatt & Nichol*

The Sustainable Waterfronts Committee will interact with the Legislative and Policy Committee to craft positions related to regulatory policies, with the Dredging and Beneficial Reuse Committee to advocate for feasible reuse projects that could serve as regional restoration sites or mitigation banks, and with the Water Energy and Infrastructure Committee to identify projects that could benefit from including a sustainability constituency.

WATER, ENERGY & INFRASTRUCTURE

Chair: TOM GUARINO, *Pacific Gas and Electric Company*

Identifies priorities for advocacy, research and positioning by BPC on issues related to the supply, reliability and pricing of water and energy in Northern California as it impacts of the production and movement of goods. The Committee also focuses on infrastructure concerns and developments related to water and energy and the movement of goods via our ports, airports, highways and rail lines.

WORKSHOPS AND EXPERT BRIEFINGS

BPC holds Workshops and Expert Briefings throughout the year. These are open to both BPC members and non-members, although members receive a discount on registration.

While we develop many of the topics for these events based on issues that are relevant at the time, there are key subjects that are addressed by our events every year.

Expert Briefings already scheduled or planned for 2016 include:

- Economic Risk of Climate Change in the Bay Area
- Environmental Risks, Clean Up and Risk Management
- Regional Monitoring Program Update and Dredger Fee Schedule for 2017-2019
- Moving Through the Regulatory Process On Time and Under Budget

Workshops planned for 2016 include:

- Water & Energy Nexus Summit 5
- Dredging & Beneficial Reuse
- 2016 CEQA Update
- Earthquake Impacts on Movement of Goods and Transportation

We are always looking for new topics for expert briefings and workshops. If you have an idea for us, or if there is a presentation that you would like to give or sponsor, please let us know about it.

BPC'S WEBSITE AND NEWSLETTER

Our website and monthly newsletter are exceptional resources for the latest news on the issues affecting Bay Planning Coalition members and other stakeholders in the wellbeing of the Bay and its watershed.

If you would like to receive our monthly newsletter, please contact any member of the BPC staff and we will make sure to add you to our distribution list.

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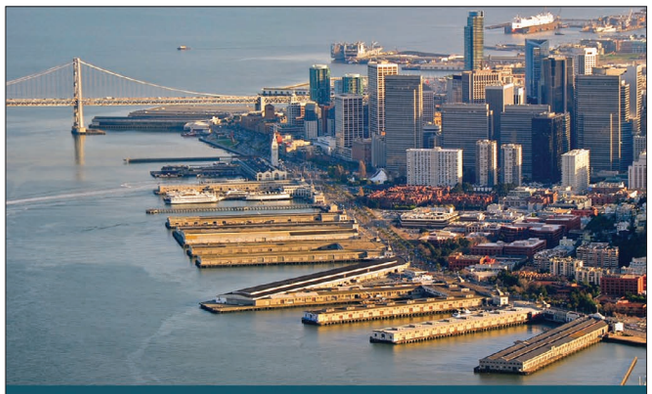

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Monique Moyer

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BPC Staff

JOHN A. COLEMAN, *Chief Executive Officer*

john@bayplanningcoalition.org | (510) 768-8311

In January 2011, John Coleman became the Executive Director of the Bay Planning Coalition.

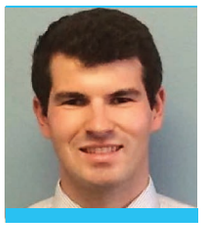
Mr. Coleman has worked with the Bay Conservation and Development Commission on the Bay Plan Amendment and on their Strategic Plan update, and has greatly expanded the Coalition's educational and advocacy presence locally and nationally, introducing an annual Workshop Series, and continuing to build support in Sacramento and Washington DC for the interests of the membership.

Coleman is the immediate Past President of the Association of California Water Agencies (ACWA). Currently, he serves in the following capacities: Board Member of the East Bay Municipal Utility District, a publicly elected position; Board Member of the Marine Exchange of the San Francisco Bay Region; Chair of the Freeport Regional Water Authority (FRWA); Chair of the Upper Mokelumne River Watershed Authority (UMRWA); Board Member of the East Bay Leadership Council; member of the San Francisco Bay Restoration Authority Advisory Committee; member of the Maritime Industry Advisory Board of the California State University Maritime Academy; member of the East Bay Economic Development Alliance Legislative Committee, and Board Member of DERWA, the joint powers authority for recycled water service provided by EBMUD and the Dublin-San Ramon Services District.

BRIANNE RILEY, *Manager, Operations and Policy*

brianne@bayplanningcoalition.org | (510) 768-8314

Brianne Riley joined the Bay Planning Coalition as Manager of Operations and Policy in March 2016. She has public policy and nonprofit experience in the areas of sea level rise, water, housing and land use, workforce education, and cybersecurity, among others. Brianne previously worked for the Bay Area Council in San Francisco. Born and raised in the Bay Area, Brianne received her BA in Politics from Willamette University in Salem, Oregon and her law degree from The Catholic University of America in Washington, DC. She spent almost 10 years living and working in the Washington, DC metro area and does her best not to bother her friends who still live there with updates on how amazing the weather is here. Brianne currently lives in Walnut Creek with her husband and young daughter.



JACK FISCHETTI, *Policy Associate*

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Jack Fischetti became the Policy Associate for BPC in January 2016. He attended the University of California, Santa Barbara where he received his Bachelor's of Science Degree in Environmental Studies in 2014. During his time at UCSB, he participated in the University's collegiate rowing program and worked with several marine science laboratories on campus as a scientific diver collecting sub-tidal data on the Northern Channel Islands and the Coast of California. He had the opportunity to follow his passion for diving and the ocean by attending the Marine Diving Technology program in Santa Barbara, where he received his commercial diving licenses. He worked briefly as a commercial diver and as a dive master for a luxurious diving yacht, the Nautilus Belle Amie, guiding guests on cage diving tours with Great White Sharks at Guadalupe Island. His passion for the environment led him to the Bay Area where he is using his education and experience to improve policies regarding the region for the good of all that utilize it.

BETTY KWAN, *Senior Administrative Assistant*

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Betty Kwan joined the Bay Planning Coalition as the Office Administrator in November 2014. She received her Bachelor's of Science in Wildlife, Fish and Conservation Biology from the University of California at Davis in spring of 2013, and is now pursuing her Master's degree in Environmental Science and Management at the University of San Francisco. Betty's past work experience include restoring habitat for native pollinators, acting as an Environmental Steward for the Putah Creek Council, and doing community outreach with various non-profit organizations. She hopes her work with the Bay Planning Coalition will expand her knowledge and understanding of the issues that affect the San Francisco Bay and its watershed.

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