

2020 ANNUAL REPORT

#CASQATOGETHER



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#CASQAtogether on the cover and above:  
Credits and more information on [page 6](#)

## Report from the CASQA Chair

“CASQA successfully navigated many challenges and changes in 2020, following the ‘adjust, adapt and move forward’ pathway.”

AMANDA CARR

CASQA Chair, 2020-2021



As we all share in a collective sigh of relief that 2020 is over, I want to take a brief moment to offer my congratulations to everyone for making it through this year of challenge and change. We all faced unprecedented situations and stressors, both professionally and personally, and we were able to adjust, adapt and move forward. Thankfully, light is glimmering at the end of this long tunnel, and I truly believe we will move forward in 2021 collectively stronger and more resilient.

Similarly, CASQA successfully navigated many challenges and changes in 2020, following the “adjust, adapt and move forward” pathway. After the Governor’s March Stay-at-Home Order, we coordinated with State Water Quality Control Board staff and assisted our members with guidance and examples of requests for alternative field monitoring, inspection and public education methods

to allow for social distancing and increasing levels of telecommuting staff. In the span of four short months, we were able to fully transition our multi-track annual conference “CASQA 2020: *Envision the Future*” to an interactive virtual platform. With this adaptation came the new ability for conference attendees to view presentations and conference content on-demand through the end of the year, greatly expanding access to all conference content and creating even more learning opportunities.

And last, but certainly not least, the role of Executive Director transitioned on January 1, 2021 from Geoff Brosseau to Karen Cowan. Under Geoff’s guidance and direction, CASQA became an invaluable resource to stormwater stakeholders throughout California. As we build on that foundation, we all greatly look forward to Karen’s leadership for a successful 2021 and beyond.

– Amanda Carr

# About Us: The CASQA Organization

“CASQA does for all of us that which none of us can do alone.”

DANA BOOTH

Program Manager, Stormwater Quality

Department of Water Resources

Sacramento County



The California Stormwater Quality Association is dedicated to developing and implementing effective stormwater quality management programs.

CASQA membership is comprised of stormwater practitioners, National Pollutant Discharge Elimination System (NPDES) permit holders and parties engaged in the improvement of stormwater quality and employed by private corporations, municipalities, and the state and federal governments.

## ORGANIZATIONAL STRUCTURE

### Board of Directors

The CASQA Directors (11 elected volunteers) provide the vision and direction for CASQA, manage its activities and affairs, and exercise the Association's corporate powers.

The Board of Directors is responsible for: (1) adopting an annual budget, (2) adopting the annual dues schedule, and (3) adopting policies and positions concerning regulations, legislation and litigation. Since 2002, the Board of Directors has guided CASQA to become a widely-recognized and well-respected nonprofit, educational, scientific, and professional association.

### Officers

Officers of the corporation are: Chair, Vice-Chair, Treasurer, and Secretary. Officers are elected by the Board of Directors and serve two-year terms.

### Executive Director and Assistant Executive Director

The CASQA Executive Director and Assistant Executive Director manage the day-to-day activities of CASQA, serve as the primary liaison with members, government agencies, and other organizations, and help to set and achieve the vision for the future and growth of CASQA.

### Committees of the Board of Directors

The Board of Directors creates committees that accomplish the goals of CASQA, each consisting of two or more directors, and other persons that the directors may appoint. Standing board committees are: Audit, Awards, Bylaws, Events and Communications, Executive Program Committee (EPC), Finance, Membership, and Strategic Planning.

**Audit** oversees the annual audit of CASQA's finances and policies and procedures, and preparation of tax returns.

**Awards** identifies and recognizes exemplary leadership, outstanding projects, activities, and contributions to the field of stormwater quality management.

**Bylaws** annually reviews the bylaws and makes recommendations for revisions as necessary to ensure smooth and efficient operation of CASQA.

**Events and Communications** ensures a coordinated approach is used to plan, design, and conduct all CASQA events, including the annual conferences, quarterly General Membership meetings/webcasts, and trainings. Plans the quarterly meetings/webcasts.

**Executive Program** comprises no more than 27 members and directs the technical work of the association through subcommittees.

**Finance** manages CASQA's fiscal resources, including proposing the annual operating budget and overseeing all financial transactions.

**Membership** retains existing members, outreaches to potential new members, and improves membership value.

**Strategic Planning** maintains the CASQA Vision, oversees development and achievement of annual objectives that support the Vision, and manages the relationship of the Vision to other organizations' strategies for stormwater (e.g., Water Boards' STORMS).

# About Us: The CASQA Organization (continued)

## OTHER LEADERSHIP

### Subcommittees of the EPC

Fifteen subcommittees focus on different areas of stormwater management under the auspices of the EPC, chaired by the Vice-Chair of CASQA. Composed of an all-volunteer membership, the subcommittees develop products, direct CASQA consultants, and provide an information-sharing forum to improve surface water resources in California.

The subcommittee charters below reflect the organizational structure for 2020. For CASQA's organizational structure for 2021 and beyond, see page 24.

**BMP Handbooks** provides contemporary information on Best Management Practices (BMPs) primarily through the BMP Handbooks.

**Conference** serves to increase awareness and knowledge of stormwater quality management issues through developing the CASQA Annual Conference and associated workshops.

**Construction** identifies emerging issues, and tracks trends and regulatory requirements for construction stormwater permittees and assists members with identifying possible solutions to evolving regulatory requirements.

**Effectiveness Assessment** provides input and guidance on stormwater program effectiveness assessments; developing a standardized conceptual approach to evaluating municipal program elements. Please note this work will move under the BMP Effectiveness Assessment Subcommittee in 2021.

**Industrial** ensures the issues and concerns of industrial stormwater permittees are represented in policies and regulations, including permitting and numeric effluent limits.

**Legislation** tracks stormwater related legislation in the United States Congress and in both the California Senate and Assembly, prepares quarterly legislative summaries for CASQA members, and prepares fact sheets on key legislation that can be used by members to educate their organizations about potential impact of proposed legislation.

**Monitoring and Science** improves scientific and technical basis of stormwater management programs by developing research and monitoring priorities, as well as seeking collaborators, partners, and grant funding for needed research.

**Non-Traditional Phase II** Seeks to educate and engage non-traditional MS4 programs in stormwater management issues; provides a forum for information exchange.

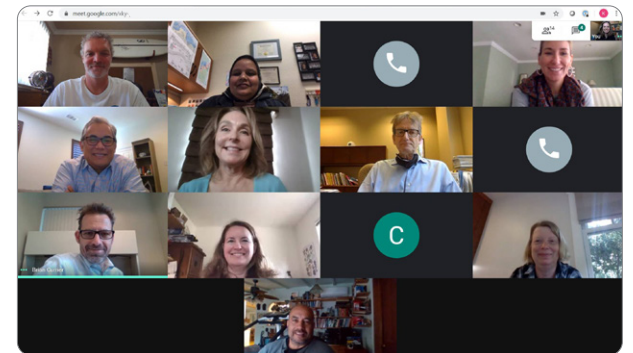
**Phase II** seeks to educate and engage Phase II programs in stormwater management issues and provides a forum for information exchange and collaboration.

**Policy and Permitting** develops comments and testimony on state, Environmental Protection Agency (EPA), and precedent-setting regional policies and permitting initiatives consistent with CASQA's *Vision for Sustainable Stormwater Management*.

**Public Information and Public Participation** provides a forum for stormwater public outreach professionals to share ideas and assists in coordinating outreach efforts in California.

**Training** oversees the development and implementation of long-term sustainable training programs to meet the needs of California stormwater practitioners.

**Watershed Management and Impaired Waters** promotes the development and application of appropriate water quality standards through tracking and commenting on 303(d) listings and policy and implementation of Total Maximum Daily Loads (TMDLs), facilitates source control, and provides guidance on hydromodification management. Note that this subcommittee will be refocused and renamed to the True Source Control Subcommittee in 2021.



Richard Boon, Kristina Hysler, and Daniel Apt at an EPC meeting (top); CASQA Board of Directors video-conference meeting demonstrates #CASQATOGETHER (bottom)

## New in 2021

CASQA has launched four new subcommittees in 2021:

- **BMP Effectiveness Assessment**
- **True Source Control**
- **Stormwater Capture and Reuse**
- **Funding**

## CASQA Representatives

CASQA encourages individuals to serve on committees and other groups to represent the interests of stormwater quality management and CASQA members.

# About Us: The CASQA Organization (continued)

## Thank you to our 2020 Friends of CASQA!

ROBERT ANDERSON	MARK LOMBOS
DANIEL APT	SANDY MATHEWS
KAREN ASHBY	KATIE McCOY
TANYA BILEZIKJIAN	KELLY MORAN
GEOFF BROUSSEAU	AMY PORTER
KAREN COWAN	CHRIS SOMMERS
JAMISON CROSBY	MELANIE SOTELO
BRIAN CURRIER	KIRSTEN STRUVE
JEFF ENDICOTT	DAVE TAMAYO
DALIA FADL	SCOTT TAYLOR
SHARON GOSSELIN	RICHARD WATSON
FRED KRIEGER	

## FRIENDS OF CASQA

Are you #CASQATogether? Do you support the work of CASQA and our mission for sustainable stormwater management? If so, we invite you to become a Friend of CASQA.

Friends of CASQA has been established to provide an avenue for individuals to show their support and contribute to our programs. As CASQA is a nonprofit organization, your contribution is tax deductible.

Join your friends and colleagues who have already contributed. We are always grateful for the support of our stormwater community and look forward to welcoming you as a Friend of CASQA!

### Benefits for Friends of CASQA

Names will be listed in the following locations:

- CASQA website
- CASQA Annual Conference Program (year-to-date)
- CASQA Annual Report (calendar-year)

> [Become a Friend of CASQA](#)

## #CASQATOGETHER

In 2020, the collaboration between CASQA members was especially crucial to continue our work. The individuals featured on the first few pages of this annual report are but a sampling of the many stormwater professionals who are key contributors within CASQA: Executive Leadership, Outstanding Service Awardees from 2020 and years past, Leadership Awardees, Directors, and Subcommittee Co-Chairs.

These individuals represent the more than 2,000 members who all contribute to our success, and we are all #CASQATogether. Thank you to the CASQA members listed below for allowing us to include their photos to illustrate the concept of this year's annual report, and CASQA's overarching theme of 2020.

### Cover

Left to right: Row 1 – Amanda Carr, Kristina Hysler, Chris Crompton; Row 2 – Daniel Apt, Geoff Brosseau, Karen Cowan, Dave Tamayo; Row 3 – Jeffrey Endicott, Mark Lombos, Karen Ashby; Row 4 – Lisa Skutecki, Brian Currier

### Table of Contents

Left to right: Row 1 – Jian Peng, Sharon Gosselin, Lisa Austin; Row 2 – Jill Bicknell; Dalia Fadl, Matt Yeager, Tanya Bilezikjian; Row 3 – Jamison Crosby, Richard Boon; Row 4 – Matthew Lentz, Delyn Ellison-Lloyd, Cathleen Garnand

# #CASQATOGETHER

# 2020 Accomplishments

“Through CASQA’s annual conference and meetings with industry experts and regulators, we learned from other municipalities’ efforts, challenges and successes, and strengthened relationships with our partners.”

DREW KLEIS

Deputy Director, Stormwater Division  
City of San Diego



## CASQA’S VISION FOR SUSTAINABLE STORMWATER MANAGEMENT

California Stormwater Quality Association (CASQA) first established a *Vision for Sustainable Stormwater Management* (Vision) in 2015. Since then, CASQA has made updates to the Vision reflective of advancements in stormwater and regulations. In 2019, CASQA included implementation of the Vision as a core part of setting organizational priorities for each year. Those actions were not only successful in taking significant steps forward, but also inspired new thinking and ideas. CASQA therefore completed an effort in 2020 to more fundamentally revise the Vision, and in so doing, chart the path forward to sustainable stormwater management. The 2020 Vision now includes a significant focus on stormwater capture and use, true source control, BMP effectiveness, funding for stormwater programs, and more.

## FOCUSING THE ORGANIZATION ON THE STRATEGIC PLAN AND VISION

CASQA has established new strategic directions in the adoption of the Strategic Plan and the overhaul of the Vision. In order to move from ideas to action, CASQA evaluated and modified our organizational structure. Each initiative now has a specific home, with dedicated, industry leading experts focused on achieving specific outcomes, linked directly to the Strategic Plan and Vision.

Key changes include:

- **Strategic Planning Committee:** Advises the Board of Directors on the strategic direction of CASQA. Oversees the implementation of the Strategic Plan and Vision within CASQA.
- **BMP Effectiveness Assessment Subcommittee:** Focuses on the goals and objectives detailed in Action 1.3 of CASQA’s Vision to maximize effectiveness of BMPs, green stormwater infrastructure, and low impact development.
- **Funding Subcommittee:** Focuses on the goals and objectives detailed in Principle 4 of CASQA’s Vision to develop the significant financial resources necessary for sustainable stormwater management, including determining the resource needs for sustainable stormwater programs, developing a dedicated funding source for stormwater, and increasing supplemental funding opportunities.
- **Stormwater Capture and Use Subcommittee:** Focuses on the goals and objectives detailed in Action 1.1 of CASQA’s Vision to maximize stormwater capture, including determining the economic value of stormwater, evaluating water rights, establishing partnerships with other water resource agencies, developing strategies to address climate change, and more.
- **True Source Control Subcommittee:** Focuses on the goals and objectives detailed in Action 1.2 of CASQA’s Vision to minimize pollution at the source. Current true source control activities include efforts to reduce toxicity from current use pesticides, concentrations of copper in brake pads, and concentrations of zinc in tires. This subcommittee will also evaluate other potential true source control options for other priority water quality issues.

# 2020 Accomplishments (continued)

## IMPLEMENTATION OF 2020 VISION PRIORITIES

CASQA's annual priorities are established through active engagement and input from our membership (via a survey open to all members), the Executive Program Committee, the Executive Director and Assistant Executive Director, and the Board of Directors. These priorities help to guide resource allocations as well to establish goals for the organization. This past year was a great example of how priorities must sometimes change quickly to adapt to new information and circumstances. Therefore, our priorities will always set the direction for the year, but CASQA will remain flexible and adapt as needed in service to our membership. The following was achieved in 2020:

- **Statewide Bacteria Effort:** As part of a multi-year, ongoing initiative, CASQA worked with State Water Board staff to continue to develop the framework for the statewide effort to address technical and regulatory issues related to recreational use objectives (REC-1) for bacteria. Currently, many municipalities are attempting to resolve the same or similar challenges on a permit-by-permit basis. The goal of this effort is to leverage resources at a statewide level to collectively identify solutions for those challenges, and ultimately, to achieve recreational beneficial uses in an effective and sustainable manner. One potential outcome from these ongoing discussions may be to expand the effort to address objectives not only for REC-1, but also for the shellfish (SHELL) beneficial use. The intent is to create a framework that includes all stakeholders (State Water Board, Regional Boards, EPA, stormwater permittees, wastewater permittees, non-governmental organizations [NGOs]), working collaboratively through a unified process.

In 2020, CASQA developed two core technical and regulatory documents to support this effort. The first, *Regulatory and Technical Challenges Associated with Current Bacteria Objectives for Recreational Activities*, is an incredible resource as it also describes the history and underlying policy and science of bacteria water quality objectives. The second, *Near-Term MS4 Permit Compliance Options for Bacteria*, provides a menu of potential regulatory options, recognizing that many permittees have TMDL deadlines that will occur before the solutions of this effort could be considered for incorporation into regulations and permits.

- **Stormwater Funding:** In 2020, CASQA provided detailed comments to EPA on the proposed State Formula Allocations for Sewer Overflow and Stormwater Reuse Grants (OSG Program). This federal program is another potential avenue to receive federal grants to support stormwater projects; however, there are challenges in the eligibility requirements that have been established via the underlying statutory requirements. CASQA therefore also initiated discussions with State Water Board staff to ensure that these grant funds are available to stormwater permittees in California. Solutions have been developed and will be proposed for consideration by the State Water Board in 2021.
- **Biointegrity/Biostimulatory Objectives:** The San Diego Regional Water Quality Control Board proposed and adopted a Basin Plan Amendment to establish regional biological objectives in 2020. CASQA provided comments and testimony, as these objectives have the potential to set precedent. Given the ongoing efforts of the State Water Board to develop statewide objectives for biointegrity and biostimulatory substances, CASQA will continue to engage with State Water Board staff and other stakeholders.

- **Small Municipal Separate Storm Sewer System (MS4) Permit Renewal:** State Water Board continued the process to renew the Small MS4 Permit (commonly referred to as the Phase II Permit). On behalf of our membership, CASQA participated in four statewide workshops and continued to work extensively with staff from the State Water Board and several Regional Water Boards. Focused discussions were held on compliance pathways for receiving water limitations, as well as progress to-date on provisions pertaining to non-traditional permittees, trash, and asset management.
- **Stormwater as a Resource:** From funding local stormwater programs to ensuring the successful implementation of multi-benefit projects, public support is vital. Stormwater protection programs are chronically underfunded, in part due to a lack of public support. The public and elected officials must understand the co-benefits of sustainable stormwater management, improving stormwater quality, and the costs to complete these actions. In order to gain that support, public awareness, understanding, and appreciation of the value of stormwater is necessary. In 2020, CASQA launched a project focused on developing a strategy to communicate the value of stormwater to the public. This project will continue in 2021.
- **Urban Pesticide Reduction:** The State Water Board is developing Urban Pesticide Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan (ISWEBE Plan). The Amendments project is one of the initial priorities of the State Water Board's Strategy to Optimize Resource Management of Storm Water (Storm Water Strategy or STORMS) strategic initiative (Project 6a – Establish Statewide Framework for Urban Pesticide Reduction). The Amendments are expected to help institutionalize more effective, proactive regulation of pesticides by the Department of Pesticide Regulation (DPR). In 2020, CASQA continued to provide information and materials to support the development of the amendments.



# 2020 Accomplishments (continued)

## REGULATORY INITIATIVES

CASQA actively engages with many agencies on wide-ranging issues. Below are a few of the significant regulatory initiatives in which CASQA has participated with the State Water Board (unless otherwise noted). For a more complete list of regulatory initiatives in which CASQA participated in 2020, see [Subcommittee Accomplishments](#) on page 11 and [Appendix A](#) on page 19.

- Bacteria
- Biological Objectives (San Diego Regional Water Board)
- Compliance with Receiving Water Limitations (State Water Board precedential order)
- California's Water Resilience Portfolio
- Construction General Permit (CGP) Renewal
- Funding for Stormwater Projects via the OSG Program (EPA)
- Multi-Sector General Permit (Industrial Activities) (EPA)
- Phase II Permit Renewal
- Permit Fees
- Pesticides Registrations/Re-evaluations/Urban Pesticide Amendments (State Water Board, EPA, California Department of Pesticide Regulation)
- STORMS Stormwater Strategy and Projects
- Stormwater Cost Estimation and Reporting Guidance (Environmental Finance Center at Sacramento State)
- Toxicity Provisions
- Unfunded Mandate Test Claims (California Court of Appeal)

## CASQA WORK PRODUCTS

This past year the Board approved a number of work products. Unless otherwise noted, all documents are available to CASQA members, via the [Member Library](#):

- **Vision for Sustainable Stormwater Management:** Establishes CASQA's external vision for sustainable stormwater management. The Board of Directors approved a fundamental overhaul of the Vision in 2020. Implementing the actions in the Vision will be a core focus for CASQA over the next several years. Publicly available on [CASQA's website](#).
- **Evaluation of the Magnesium Numeric Action Level in the State of California General Permit for Storm Water Discharges Associated with Industrial Activities (Industrial General Permit):** The State of California General Permit for Storm Water Discharges Associated with Industrial Activities (Industrial General Permit, or IGP) includes a Numeric Action Level (NAL) for magnesium. The basis for the NAL is the U.S. Environmental Protection Agency Multi-Sector General Permit (MSGP) benchmark for magnesium, 0.064 milligrams per liter (mg/L). This Report was developed to provide technical information and recommendations to support the State Water Board's decision-making regarding the magnesium NAL in the IGP. Available only to CASQA members.
- **Pesticides Subcommittee FY 2019–2020 Annual Report:** Provides CASQA members focused information on efforts to prevent pesticide pollution in urban waterways. Available only to CASQA members.



CASQA's [Vision for Sustainable Stormwater Management](#) is publicly available on our website

- **Regulatory and Technical Challenges Associated with Current Bacteria Objectives for Recreational Activities:** The first step in CASQA's Statewide Bacteria Effort was to gather information from stormwater permittees through surveys and interviews regarding existing efforts that can be leveraged in establishing the overall scope for the statewide effort. A survey was designed to identify efforts currently underway (or planned), challenges facing permittees (regulatory, technical, compliance timeframes), and potential solutions. This document incorporates those survey results to identify and describe regulatory and technical challenges, and to frame the technical information and regulatory resources needed to address the identified challenges. Available only to CASQA members.
- **Near-Term MS4 Permit Compliance Options for Bacteria:** Presents a menu of interim permit compliance options for CASQA member agencies to consider, as needed, during the implementation period of the Statewide Bacteria Effort. The information provided is intended to broadly identify potential options for further discussion and analysis (all would require further analysis as to feasibility). Available only to CASQA members.

# 2020 Accomplishments (continued)

## CASQA EVENTS

Each year, CASQA hosts three Quarterly Meetings and the CASQA Annual Conference. These events provide exceptional opportunities for stormwater professionals to learn about advancements in the field and to connect with other organizations and individuals.

### Quarterly Meetings

CASQA held three Quarterly Meetings in 2020. To adapt to the challenges presented by COVID-19, CASQA modified two of the meetings to a new, virtual format. While a necessary modification for 2020, this format was not only successful in providing on-going educational, it also expanded opportunities for speakers to participate who would not otherwise be able to present in the more traditional in-person format.



Speakers at the CASQA quarterly meeting in January

- **January 2020 (San Diego): Annual Federal and State Stormwater and Regulatory Programs Update.**

In CASQA's annual "state of the union" for stormwater management, speakers from EPA, the State Water Board, and several Regional Water Boards provided an overview of their regulatory priorities, key projects, and initiatives.



- **May 2020 (Virtual): Stormwater Funding and Partnerships.** Presented the latest efforts to secure dedicated funding for stormwater, including Measure W in Los Angeles, public/private partnerships, the California Department of Transportation (Caltrans) partnership program, and a report out on the activities of EPA's stormwater finance workgroup.
- **October 2020 (Virtual): The New Normal: A Novel Virus, Novel Responses, and Novel Collaborations.** Novel being the word of the year, the focus was on exploring potential changes to water quality due to stay-at-home orders, new and innovative virtual public outreach approaches, and challenges in addressing outdoor dining. The California Association of Sanitation Agencies (CASA) joined the meeting to discuss collaboration opportunities and to share the latest technological advancements in monitoring wastewater influent for outbreaks of COVID-19. Additional speakers also highlighted collaborative partnerships between stormwater, wastewater, and drinking water agencies.

### 16th Annual Conference

While 2020 marked the 16th Annual Conference, this year almost felt like the first. In some ways, it was all new. In other ways, CASQA was able to build on existing technical expertise and many years of experience to transition the in-person conference into a virtual platform. The theme selected in late 2019, "Envision the Future," took on a whole new meaning.

CASQA focused on providing the excellent quality program we are known for, while creating a flexible experience to accommodate

remote participation and the various constraints everyone was experiencing in both their professional and personal lives. We are thrilled to report that more than 800 attendees participated in the program from September 15–16, 2020. The technical content was made available to all attendees through the end of 2020, greatly expanding educational opportunities.

Congressman Scott Peters provided our inspirational keynote address, focused on the need to invest in stormwater infrastructure and the federal role in providing that funding. The Exhibit Hall featured virtual vendor booths which remained active through the end of 2020, via the conference portal, providing even more opportunities for conference attendees to connect and access information. While in-person gatherings were not possible, the conference even featured two web-hosted networking events that provided a unique space to meet new people and connect with old friends.

CASQA is proud of the 2020 Conference and is grateful to all of our speakers, panelists, sponsors, exhibitors, and volunteers who made it possible.

# Subcommittee Accomplishments

“CASQA’s Board of Directors, professional services team, and dedicated volunteers rose to the challenges of 2020 and delivered an exceptional program for the CASQA membership.”

JEFFREY ENDICOTT  
CASQA Leadership Awardee



In 2020, CASQA’s 15 subcommittees worked diligently to support our membership and the mission of CASQA. As CASQA’s subcommittees are volunteer-based efforts, we encourage the CASQA membership to engage, learn from your colleagues, and add your voice and perspective to the conversations. Your volunteer contributions allow CASQA to leverage our resources and amplify membership benefits. The following are highlights of subcommittee accomplishments in 2020.

## BMP HANDBOOKS

Cory Jones | Michael Yang, Co-Chairs

- Released the Construction Handbook Updates.
- Released the Industrial Handbook Updates.
- Drafted the Development Handbook Updates, pending approval by the Board of Directors.
- Initiated production of the updates to the Municipal BMP Handbook.

## CONFERENCE

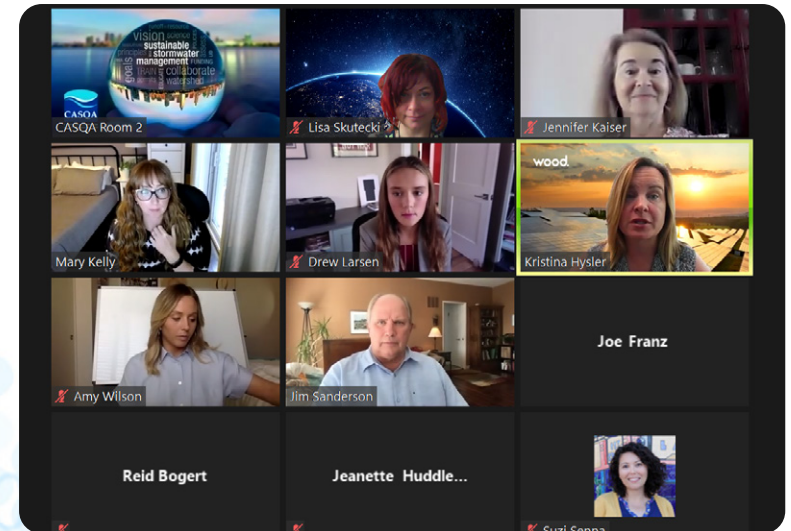
Kristina Hysler | Lisa Skutecki, Co-Chairs

Hosted CASQA’s first ever video-conference which included:

- 800+ participants over 2 days
- 7 virtual meeting spaces
- 1 plenary session with keynote speaker
- 9 technical sessions
- 88 oral presentations
- 16 panels
- 4 training workshops
- 14 multi-track technical program
- 26 exhibitors
- 17 poster presentations
- 20 sponsors
- 2 virtual networking events



Conference registration included on-demand access to recorded presentations and vendor exhibits through the end of 2020 (top); Conference session panel held via the online portal (bottom)



(inset) courtesy of Jeffrey Endicott (top) © iStockphoto.com | agrobacter



# Subcommittee Accomplishments (continued)

## EFFECTIVENESS ASSESSMENT

(Transitioned to BMP Effectiveness Subcommittee in 2021)

Karen Ashby | David Pohl, Co-Chairs

The two projects outlined in the 2020 Effectiveness Assessment Subcommittee Work Plan were initiated and significant progress made using volunteer efforts. The project goals and accomplishments include:

- **Project #1 – Case Study Demonstrating How to Utilize the Stormwater Program Effectiveness Assessment Guidance and Tools:** The goals of the project include developing a survey to be distributed to the CASQA membership to determine the familiarity and use of the already developed guidance and tools, and suggestions on modifications and new tools that may be more useful and relevant.

**Status:** The survey has been developed and will be distributed in 2021. The survey results will be used to develop specific goals and project work plans that may include training on the available guidance and tools, modifications to these tools, new guides and/or new tools. As the subcommittee is merging with the new BMP Effectiveness Subcommittee, any new guides, tools and training will be aligned with the priorities of the new subcommittee that may have a greater focus on the effectiveness of source controls and green infrastructure.

The team initiated work on the second phase of the project. This phase includes the use of the guidance documents to implement or modify Effectiveness Assessment (EA) programs for jurisdictions. The team is also engaging with agency(ies) that have developed EA programs using the guidance documents. The information collected and developed through this phase will inform the Case Study, the third and last phase of the project.

- **Project #2 – Updated Metrics Tool: Evaluation/ Summary of Metrics Currently Used Within Stormwater Programs to Evaluate Progress/Effectiveness:**

The goals of the project are to develop a matrix of regulatory agency approved current metrics used to evaluate progress and effectiveness for both non-structural and structural BMPs state-wide as a tool for potential use and consideration as alternatives or supplement to more longer term and complex direct Level 4 and 5 (MS4 and receiving water) water quality constituent measurements/monitoring. Metrics that assess source control measures are also of interest. Case studies (project experience) will also be used to assess the success and challenges of their use.

**Status:** The matrix of approved metrics has been completed. Case studies/project experience in use of the listed metrics are also being assembled and will be summarized in 2021.

## INDUSTRIAL

Matt Lentz | Jeremy Laurin, Co-Chairs

- Assigned volunteers to attend other subcommittees and report out during monthly IGP Meetings to increase collaboration and partnership.
- Held monthly calls to provide legislative and technical updates on Industrial Stormwater including statewide and federal enforcement trends.
- Provided Support to Permittees through the July 1, 2020 Effective Date of the Amended IGP.
- Created a work group to track and share information on potential per- and polyfluoroalkyl substances (PFAS) impacts on Industrial Stormwater discharge.
- Facilitated workgroup to develop strategy on iron control and legislative changes.
- Facilitated the transition of subcommittee leaders.

## LEGISLATION

Darcy Kuenzi | Hawkeye Sheene, Co-Chairs

- Tracked State and Federal Bills related to stormwater.
- Developed Tracking Table and compared with CASQA Vision.
- Distributed Legislative Update to statewide agencies and organizations.

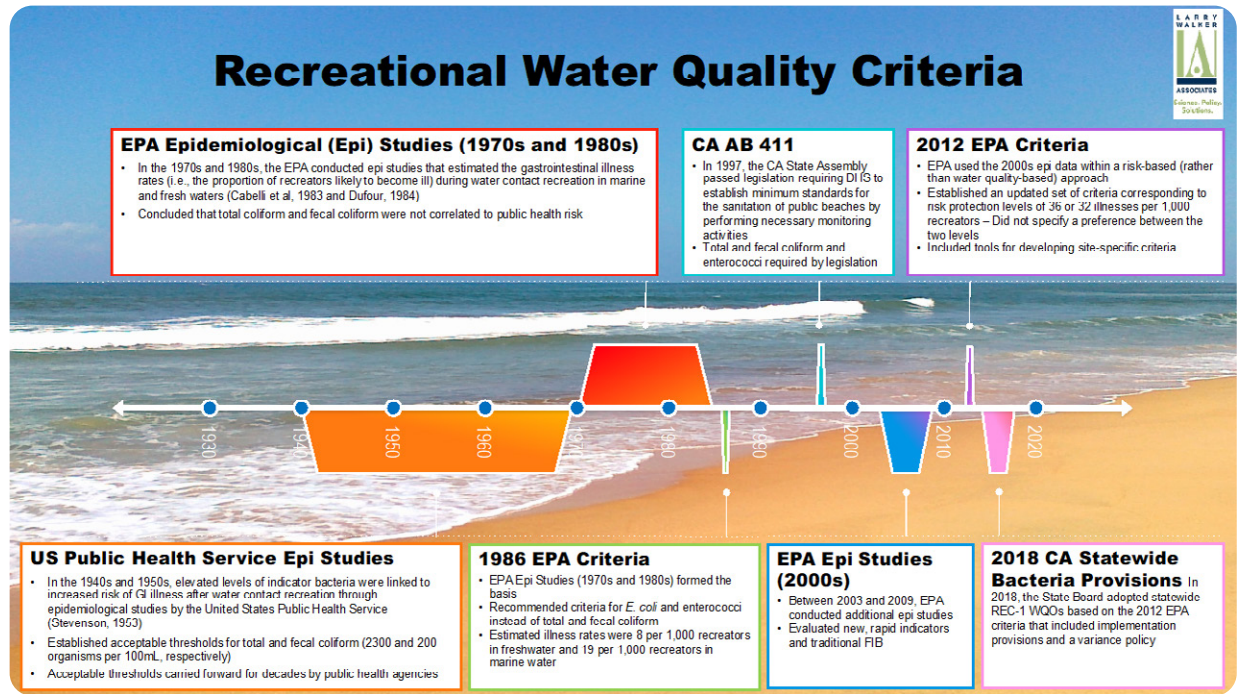


# Subcommittee Accomplishments (continued)

## MONITORING AND SCIENCE

Brian Laurenson | Rebekah Guill, Co-Chairs

- Hosted a series of technical brown bag presentations regarding critical monitoring and science including microplastics, contaminants of emerging concern, California Environmental Data Exchange Network (CEDEN) data reporting, and others.
- Developed a science tracking tool for membership where interested parties can submit literature and other investigative program information as a clearing-house for state-of-the-science information to inform water quality prioritization process, stormwater monitoring practitioners, and stormwater managers.
- Performed survey of membership to evaluate the water quality impacts of various statewide and local stay-at-home orders resulting from the COVID-19 pandemic. The subcommittee reported the results of the survey at the October 2020 CASQA Quarterly Meeting.
- Continued development of a white paper evaluating the results of the 2019–20 study performed by the Southern California Coastal Water Research Project (SCCWRP) on behalf of CASQA for evaluating Spatial Representativeness of Bioassessment Data in Engineered Channels.



## NON-TRADITIONAL PHASE II

Rachael Keish | Patrick Kuga, Co-Chairs

- Assisted Non-Traditional Permittees with trash compliance and TMDL implementation.
- Supported permittees in the Small MS4 Permit (Phase II) reissuance process by (1) participating in and providing comments during the State Water Board’s workshops, (2) identifying key permit topics (receiving water limitations compliance, incorporation of trash amendments, and approaches for asset management) and participating in associated discussions with the State Water Board staff.
- Conducted outreach to K-14 schools at the Coalition for Adequate School Housing (CASH) conference in advance of new permit.

History of REC-1 water quality criteria from *Regulatory and Technical Challenges Associated with Current Bacteria Objectives for Recreational Activities* (above)

# Subcommittee Accomplishments (continued)

## PHASE II

### Rob Carson | Delyn Ellison-Lloyd, Co-Chairs

- Conducted monthly subcommittee meetings.
- Supported permittees in the Small MS4 Permit (Phase II) reissuance process by (1) participating in and providing comments during the State Water Board's workshops, (2) identifying key permit topics (receiving water limitations compliance, incorporation of trash amendments, and approaches for asset management) and participating in associated discussions with the State Water Board staff.

## POLICY AND PERMITTING

### Ryan Baron | Matt Yeager, Co-Chairs

- Tracked key regulatory issues at the federal, state, and regional board level.
- Briefed subcommittee members on key regulatory and permitting issues.
- Discussed and developed 16 comment letters and 3 testimonies for a wide range of issues. (See [Appendix A](#) on page 19 for the detailed list)

- Continued to support CASQA's 2020 Priorities by completing the following work products:

#### Statewide Bacteria Effort

- *Regulatory and Technical Challenges Associated with Current Bacteria Objectives for Recreational Activities* (February 2020).
- *Near-Term Compliance Options Memorandum* (February 2020).

#### Trash Track 2 Guidance

- *Trash Control Measure Implementation Guidance* (pending approval by the Board of Directors).

## PUBLIC INFORMATION / PUBLIC PARTICIPATION

### Sharon Gosselin | Jeanette Huddleston, Co-Chairs

- Held 4 Public Information and Public Participation (PIPP) Subcommittee meetings that included a "program/project spotlight" and a "focus topic" for a roundtable discussion.
- Solicited feedback from PIPP members to identify priorities and determine agenda topics for future meetings.
- Presented an overview of the PIPP subcommittee at the July EPC meeting.
- Presented at the CASQA October 2020 quarterly meeting to provide examples of successful virtual and online projects/activities to help municipalities stay in compliance during the health crisis of 2020.

- Initiated discussion with PIPP and Legislative subcommittee co-chairs to identify opportunities where mutual benefits exist and to better serve CASQA members.
- Continued to broaden the Call for Presentations for the CASQA 2020 Conference to solicit more interest and participation from people involved in stormwater public outreach.
- Formed a work group to review and select presentations for the CASQA Conference's Public Outreach and Education track and led the PIPP track.
- Developed and facilitated a CASQA conference workshop titled "Showcasing Innovative Outreach and Education Efforts in the Virtual World". The purpose was to highlight creative and innovative projects/activities involving virtual or online platforms that help municipalities maintain education and outreach compliance.
- Formed a work group in January 2020 and initiated work on Project E "Communicating the Value of Stormwater": The desired outcome of this project is to develop a communication strategy and phased detailed action plans that outline the steps that need to be taken to elevate public awareness, understanding, and appreciation of the value of stormwater in California. Outcomes to-date include refining project goals and conducting secondary research of CASQA members to define the value of stormwater.

# Subcommittee Accomplishments (continued)

## TRAINING

### Jennifer Peterson | Dave Mercier, Co-Chairs

- **Training Videos for Municipal/Phase II Permittees** – The CASQA Phase II Subcommittee previously produced five training videos: Annual Hotspot Comprehensive Inspections, Concrete Work and Saw Cutting, Minor Spill and Leak Cleanup, Storm Drain Maintenance, and Surface Cleaning and Pressure Washing. The training videos demonstrate how to do things the right way, focusing on positive actions for preventing pollution. They are short and singular in topic so that some municipal staff might watch only one or two, depending on the nature of the work they perform, while others may need to watch all of them. Although the municipal operations good housekeeping videos are focused for the Phase II Traditional/Non-traditional Permittees, they can be helpful for anyone who needs to provide brief, targeted training on the selected topics. Work was initiated in 2020 to develop at least two more short videos.
- **MS4 Plan Check and BMP Effectiveness Training** – Developed a work group to discuss and develop training for MS4 Plan Checkers and those who operate and maintain BMPs. This work group meets monthly and plans to develop a proposed program for consideration by the Board of Directors in 2021.
- **Post Construction BMP/Green Infrastructure Inspection and Operations Training** – Monitored the National Green Infrastructure Certification Program (NGICP) to evaluate how it can be applied to California for our training needs. CASQA representatives have been in discussions with the National Municipal Stormwater Alliance (NMSA) and the Water Environment Federation (WEF) to gain more information and see how we could work together to provide training for our membership.

- **IGP and CGP Training Programs** – Worked closely with State Water Resources Control Board on IGP and CGP Trainings and issues that need to be addressed. The Training Committee provided informal input to the State Water Board on language for the next CGP that would add flexibility in the underlying certificate requirement for Qualified SWPPP Practitioners (QSPs). This language was incorporated into the Draft Permit released in early December 2020. CGPTT reconvened to discuss administering training online due to COVID and prepare for release of Draft CGP.
- **Los Angeles County Work Force Partnering** – Met with the County to understand their interest in partnering for training that is needed as part of their Safe Clean Water Program. CASQA offered to provide assistance based on our experience with the CGP and IGP programs, including establishing curriculum, trainers of record, and certification.



## WATERSHED MANAGEMENT AND IMPAIRED WATERS

### (Transitioned to True Source Control Subcommittee in 2021)

### Jian Peng | Richard Watson, Co-Chairs

- Monitored permit renewals and permit implementation issues.
- Monitored implementation of local stormwater quality funding processes.
- Presented the Stormwater Quality Funding Workshop at the CASQA 2020 Annual Conference.
- Monitored implementation of Trash Amendments.
- Monitored status of development, adoption, and implementation of TMDLs.
- Implemented CASQA's True Source Control Initiative.
- Continued Monitoring of Implementation of SB 346.
- Monitored consideration of CASQA's Zinc Petition to the Department of Toxics and Substances Control.
- Monitored implementation of source control by other organizations and fostered ongoing relationships with those organizations, including microplastics, and marine debris.
- Monitored development of the Urban Pesticides Amendments.
- Monitored development of other new regulations, policies, and guidance that could impact watershed management and impaired waters.

# The Year Ahead: Initiatives for 2021

“As we turn the corner in 2021, CASQA will focus on our core principles to lead, collaborate, educate, support, and develop... Now that we have set our strategic direction, we are ready to do the work.”

KAREN COWAN  
CASQA Executive Director



As we turn the corner in 2021, CASQA will focus on our core principles to lead, collaborate, educate, support, and develop. Just in the first few months of the year, we have successfully implemented the reorganization of CASQA, including the launch of four new subcommittees focused on stormwater capture and use, true source control, BMP effectiveness, and funding for stormwater programs. These subcommittees are already generating ideas and developing goals, thanks to the energy and expertise of the CASQA membership.

Now that we have set our strategic direction, we are ready to do the work. In the coming year, here is what you can expect from CASQA:

## LEAD

CASQA will continue our leadership on regulatory, legal, and permitting issues impacting stormwater. All statewide permits (IGP, CGP, Phase II) are currently in some stage of permit renewal. We will continue to work collaboratively with the State Water Board and Regional Water Boards as these permits move forward.

Implementation of our Vision allows CASQA to move beyond these traditional leadership activities, and to chart the path forward for sustainable stormwater management (see Appendix C on page 23). This year, CASQA will focus on developing solutions for priority water quality issues (bacteria, biointegrity and biostimulatory substances, current use urban pesticides). We will continue to advance true source control solutions, promote the value of stormwater as a resource, and define the resource needs and cost of implementation of stormwater programs.

In 2021, CASQA has already branched out to engage more directly in the legislative process, advocating on behalf of our membership while educating elected officials on the needs of stormwater. The Board of Directors will continue to evaluate and define CASQA's legislative role at the local, state, and federal level.

These projects and efforts are just a small snapshot of the varied and diverse ways we are advancing our Vision. Reach out to any of the fifteen subcommittees to learn more and get engaged.

## COLLABORATE

We all achieve more by working together. So far this year, CASQA has invested in strengthening existing relationships and building new connections. As a result, organizations like CASA, the California Coastkeeper Alliance, and the Oregon Association of Clean Water Agencies are engaging with us in new and exciting ways. As the year progresses, we will continue to present our Vision and identify actionable opportunities to work with our members and other organizations to achieve our common goals.

## EDUCATE

CASQA provides various and ongoing resources that educate professionals in our field. In 2021, we will focus on how best to meet that educational mission, considering both the financial and travel restrictions that many members may be facing.

Based on those considerations, our 2021 Quarterly Meetings will be held virtually. Our first meeting of the year (January) focused on the “state of the union” for California stormwater, highlighting the most significant regulatory initiatives and exploring emerging science and technologies.



# The Year Ahead: Initiatives for 2021 (continued)

Our upcoming Quarterly Meetings will take a deep dive into stormwater capture and use in California (April), and spotlight how our stormwater management programs are effecting change and making a difference (July). Last, but certainly not least, is our most significant educational event—the annual conference from October 25–27, 2021. This year, the theme is “*Recovery and Resilience: Advancing Sustainable Stormwater Management*.” Our focus has, and will remain, providing outstanding educational content in a format that maximizes opportunities for all. Look for firm details on the conference format, the call for abstracts, and more in late April/early May. Registration information for all CASQA events can be found on our website ([www.casqa.org/events](http://www.casqa.org/events)).

## SUPPORT

A core service of CASQA is providing tools, resources, and guidance that aid in the implementation of sustainable stormwater management programs. In 2021, we will release an updated version of the Development BMP Handbook, converting it to an online, subscription-based resource. CASQA will also publish our inaugural Trash Control Measure Implementation Guidance. This document will provide valuable information to improve the successful planning and implementation of trash control measures to address the statewide Trash Amendments.

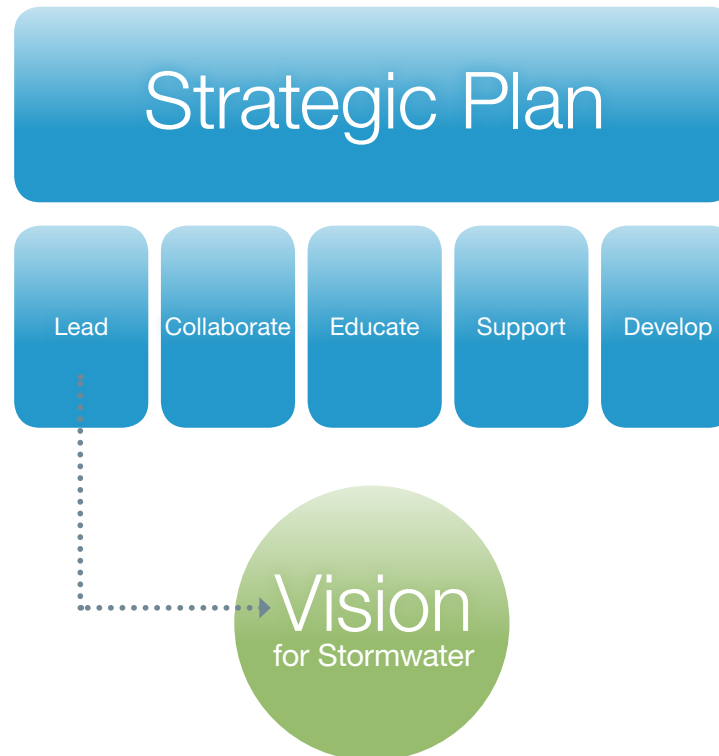
## DEVELOP

CASQA has prioritized developing future leaders in the stormwater profession. In 2021, we will continue our Conference Scholarship Program. This program has been quite successful, providing opportunities for young professionals to attend the annual conference and receive mentoring from the Board of Directors and Executive Leadership. The program operates on a competitive basis and is open to individuals who have completed an internship with a membership organization. To date, several Conference Scholarship recipients have gone on to secure employment in the stormwater field.

Building on the success of that program, in 2021, CASQA will develop a Fellowship Program that will provide select opportunities for students to undertake a short-term, research-oriented project to support an approved CASQA Committee or Subcommittee project. We greatly look forward to finalizing this program and sharing more as the year progresses. More information is available on [our website](#).

As CASQA is a volunteer-based organization, our accomplishments are due to the time, energy, and engagement of our membership. To all of our volunteers, thank you. It is my honor and privilege to serve and lead with you.

– Karen Cowan



# Honoring Geoff Brosseau: CASQA's First Executive Director

There are several ways CASQA plans to honor Geoff Brosseau, our first Executive Director, in the coming year.

The sentiments shared here by Scott Taylor, a CASQA Leadership Awardee, represent just one of the many individuals who will be sharing their appreciation for Geoff's contributions to CASQA—and the entire stormwater profession.

*I first met Geoff on May 10, 1996 in a windowless basement room in the old Terminal A of the Sacramento Airport. That was the date of the first Storm Water Quality Task Force (SWQTF) meeting that I attended. Geoff was the Executive Director of the Bay Area Stormwater Management Agencies Association at the time and one of the leaders of the SWQTF—the predecessor of CASQA.*

*Rest assured that in those days, we really had little idea of what we were doing, what we were ultimately trying to accomplish, or how we were going to do it. The regulatory agencies didn't know much either. No one could define MEP [maximum extent practicable]. But it was interesting work, people were engaged, and there were clear leaders in the field that appeared to have a vision, a plan, and the skill needed to generate consensus among a very disparate group. One of those leaders was Geoff Brosseau.*

*Geoff shares a great deal of credit for the success of the organization that CASQA is today, and he has changed the trajectory of stormwater in California for the better. Geoff operates with the end goal in mind, and has a very healthy*

*grasp of the big picture. He has been able to accomplish so much in his 30+ year career because he clearly did not care who got the credit—only that we moved closer to the goal line.*

*Geoff is also one of those people that is inherently trustworthy. It allowed him to bring industry, MS4s, regulators and NGOs together for meaningful discussion and helped CASQA mark important successes. His work culminating in legislation to largely eliminate copper in automobile brake pads is a good example of combining long-term vision and a consensus approach, with stamina and tenacity.*

*We owe Geoff much for his leadership in stormwater. It is difficult to be on the vanguard of anything, but Geoff was well suited to this role and it paid dividends for California stormwater programs. California is a leader in stormwater regulation nationally (arguably the world). To consistently maintain this position—and level of excellence—is impressive, and I feel fortunate to have been one of the people pulled along in the process.*

*Thanks for leading CASQA, Geoff. You did a great job.*

*– Scott Taylor*



© Steven Frasier & Assoc. (left); © J. Kai Photo (right)



Left to right:

Geoff (bottom right) with the Board of Directors at the first Networking Event in Monterey at the 2011 Annual Conference

Geoff at the 2016 Annual Conference in San Diego

# Appendix A: CASQA Products – 2020

16 comment letters, 3 testimonies, 5 final CASQA work products, and 1 amicus brief were developed and provided by CASQA in 2020.

Comment letters and other materials are available to CASQA members on the [CASQA website](https://www.casqa.org), or may be obtained by contacting us at [casqa@casqa.org](mailto:casqa@casqa.org).

## EXECUTIVE DIRECTOR

- March 27, 2020: Amicus Brief (California Court of Appeal, Second Appellate District, Division One – County of Los Angeles et al., v. Commission on State Mandates Case No. B292446)
- June 1, 2020: Comment Letter to EPA on National Pollutant Discharge Elimination System (NPDES) 2020 Issuance of the Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activities
- September 10, 2020: Comment Letter to the State Water Board on the Consideration of a Proposed Resolution Adopting Emergency Regulations Revising the Core Water Quality Regulatory Fee Schedules

## VISION COMMITTEE

- February 7, 2020: Comments on the Water Resilience Portfolio
- October 14, 2020: Final CASQA Work Product: *Vision for Sustainable Stormwater Management*

## INDUSTRIAL SUBCOMMITTEE

- March 12, 2020: Final CASQA Work Product: *Evaluation of the Magnesium Numeric Action Level in the State of California General Permit for Storm Water Discharges Associated with Industrial Activities (Industrial General Permit)*

## PESTICIDES SUBCOMMITTEE

- February 12, 2020: Comment Letter to EPA on Pyrethroids and Pyrethrins Ecological Risk Mitigation Proposal for 23 Chemicals
- May 4, 2020: Comment Letter to EPA on Proposed Interim Registration Review Decisions for the Neonicotinoid Insecticides Acetamiprid, Clothianidin, Dinotefuran, Imidacloprid, and Thiamethoxam
- July 6, 2020: Comment Letter to EPA on Proposed Interim Registration Review Decision for Cyfluthrin, Deltamethrin, Esfenvalerate, Permethrin, Phenothrin, Prallethrin, Tau-Fluvalinate
- July 6, 2020: Comment Letter to EPA on the Chlorine Gas Registration Review – Proposed Interim Decision
- July 6, 2020: Comment Letter to EPA on the Halohydrantoin Draft Risk Assessment
- July 6, 2020: Comment Letter to EPA on the Terbutylazine Registration Review – Proposed Interim Decision
- August 25, 2020: Comment Letter to EPA on Fipronil: Draft Ecological Risk Assessment for Registration Review
- November 2, 2020: Comment Letter to EPA on the Cypermethrins Registration Review Proposed Interim Decision
- August 12, 2020: Final CASQA Work Product: *Pesticides Subcommittee FY 2019-2020 Annual Report*

## POLICY AND PERMITTING SUBCOMMITTEE

- February 12, 2020: Final CASQA Work Product: *Regulatory and Technical Challenges Associated with Current Bacteria Objectives for Recreational Activities*
- February 12, 2020: Final CASQA Work Product: *Near-Term MS4 Permit Compliance Options for Bacteria*
- April 3, 2020: Comment Letter to State Water Board – Proposed Order in the Matter of Review of Approval of Watershed Management Programs and an Enhanced Watershed Management Program Submitted Pursuant to Los Angeles Regional Water Quality Control Board Order R4-2012-0175, Order WQ 2020-XXXX (Draft Order)
- August 14, 2020: Request for Extension of Comment Period for the Proposed Basin Plan Amendment to Incorporate Biological Objectives (San Diego Regional Water Quality Control Board)
- August 24, 2020: Comment Letter to State Water Board on Proposed Establishment of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California (ISWEBE); and Toxicity Provisions Second Revised Version dated July 7, 2020.
- September 3, 2020: Comment Letter to EPA on the Proposed State Formula Allocations for Sewer Overflow and Stormwater Reuse Grants [Docket ID No. EPA-HQ-OW-2020-0282]
- September 4, 2020: Comment Letter to San Diego Regional Water Quality Control Board on Proposed Basin Plan Amendment to Incorporate Biological Objectives
- November 18, 2020: Testimony to the San Diego Regional Board on Resolution R9-2020-0234 (Biological Objectives)
- November 19, 2020: Testimony to State Water Board on the Proposed Order for the Approval of Watershed Management Programs and an Enhanced Watershed Management Program Submitted Pursuant to Los Angeles Regional Water Quality Control Board Order R4-2012-0175 (SWRCB/OCC FILES A-2386, A-2477 & A-2508 A-2386, A-2477, and A-2508 Proposed Order)
- December 1, 2020: Testimony to State Water Board on the Resolution establishing the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California and Toxicity Provisions



# Appendix B: CASQA's Strategic Plan and Organizational Goals

## CASQA'S MISSION STATEMENT

On behalf of California stormwater permittees, CASQA advances sustainable stormwater management protective of California water resources.

## VISION STATEMENT

**CASQA advances the stormwater field through a network of highly engaged professionals that...**

- **Lead:** CASQA provides leadership that results in sustainable statewide stormwater policies, regulations, and programs
- **Collaborate:** CASQA provides a forum for stormwater professionals to share ideas and identify solutions for regulatory, technical, and scientific challenges
- **Educate:** CASQA produces resources and hosts events that inform, educate, and train stormwater professionals, regulators, and the public on the value, challenges, and scientific and technical aspects of stormwater management
- **Support:** CASQA tools and guidance promote implementation of sustainable stormwater programs
- **Develop:** CASQA provides opportunities for the growth of stormwater professionals and development of current and future stormwater leaders

## CORE VALUES

### Excellence

**We demonstrate excellence by...**

- Ensuring all CASQA Work Products are of the highest quality and can be relied upon as the industry standard by our membership and others
- Ensuring all CASQA Quarterly meetings are informative and beneficial to our membership
- Ensuring the CASQA Annual Conference is the premier stormwater conference by providing an informative technical program, professional development opportunities for attendees, and access to leaders in our field

## Leadership

**We demonstrate leadership by...**

- Identifying and addressing needs and opportunities to develop the discipline of stormwater management
- Establishing and implementing the CASQA Vision for Stormwater
- Providing effective analysis, comment letters, and testimony on regulatory issues that benefit our membership
- Providing support for the on-going evolution and implementation of statewide stormwater permits
- Anticipating the future needs of our organization and membership and adapting to those needs
- Focusing CASQA's efforts on the highest priorities to achieve CASQA's Vision for Stormwater and effectively aligning CASQA's resources with those priorities
- Supporting the development of future leaders within the CASQA organization and stormwater profession by providing education and professional development opportunities
- Ensuring CASQA is led by an effective executive leadership team with the skills and resources to implement CASQA's Mission and Vision Statements

# Appendix B: CASQA's Strategic Plan and Organizational Goals (continued)

## CORE VALUES (continued)

### Collaboration

#### We demonstrate collaboration by...

- Seeking to build solutions rather than only identifying problems
- Developing partnerships with other organizations, such as the State Water Board, EPA, DPR, NMSA, CASA, and Association of California Water Agencies (ACWA) that help support CASQA's Strategic Plan and CASQA's Vision for Stormwater
- Establishing an organizational structure that encourages and relies upon input from CASQA members throughout the State
- Promoting discussions within the EPC with the goal of sharing ideas, information, and strategies across CASQA's subcommittees
- Providing a forum, through CASQA's subcommittees, for stormwater professionals to share ideas and identify solutions for regulatory, technical, and scientific challenges
- Working to build our membership to ensure the many needs of California stormwater permittees are reflected in CASQA's efforts
- Working with other water management organizations to achieve integrated management of California water resources that promote stormwater as a resource

### Integrity

#### We demonstrate integrity by...

- Committing to develop and utilize scientific and regulatory expertise
- Building relationships with our membership, regulators, and other organizations based upon honesty, respect, expertise, and our commitment to sustainable stormwater management
- Communicating an accurate representation of our membership's views on stormwater issues
- Managing the organization in a transparent and honest manner

### Inclusivity

#### We demonstrate inclusivity by...

- Encouraging and ensuring equal access (opportunities for leadership, access to information) for all CASQA members
- Encouraging contributions from and considering the perspectives of all members
- Encouraging membership and engagement in CASQA's programs from all areas of the state

### Respect

#### We demonstrate respect by...

- Productively listening to and seeking to understand the perspectives of others
- Valuing the perspectives of others
- Ensuring communications are framed in a positive and productive manner, focused on problem-solving and solutions
- Creating and managing effective meetings that value the volunteer time of our members
- Acknowledging the outstanding volunteer efforts of individuals (and organizations) that support CASQA

### Service

#### We demonstrate service by...

- Volunteering time and energy to achieve CASQA's Strategic Plan and CASQA's Vision for Stormwater
- Serving CASQA in a leadership role (Subcommittee Co-Chair, the Executive Program Committee, and/or Board of Directors)
- Leading a CASQA project, annual conference track, or training session
- Participating in a CASQA subcommittee

### Stewardship

#### We demonstrate stewardship by...

- Ensuring CASQA's efforts support the protection of California's watersheds and resources
- Contributing to scientific advancement and understanding of water quality and watershed health
- Striving to achieve sustainable stormwater management in California
- Ensuring CASQA's resources are sufficient to support the Strategic Plan and managed in an efficient and effective manner
- Managing CASQA to address the needs and opportunities of its members and of the discipline of stormwater management

# Appendix B: CASQA's Strategic Plan and Organizational Goals (continued)

## ORGANIZATIONAL GOALS

The complete text for each goal is available on [our website](#).

**Principle #1: Organizational Infrastructure** – Develop and maintain an effective and efficient organizational infrastructure that supports and implements casqa's mission statement, vision statement, and core values.

- Goal 1.1:** Ensure Excellent Organizational Leadership\*
- Goal 1.2:** Ensure Adequate and Effective Use of Resources\*
- Goal 1.3:** Maintain CASQA's Nonprofit Status
- Goal 1.4:** Provide Resources for Day-to-Day Function of the Organization
- Goal 1.5:** Ensure Sustainability of CASQA as a Volunteer Organization
- Goal 1.6:** Provide Strong Membership Benefits
- Goal 1.7:** Maintain a Strong and Diverse Membership\*
- Goal 1.8:** Ensure Organizational Structure is Effective to Achieve CASQA's Mission and Vision Statements\*
- Goal 1.9:** Establish and Maintain a Policies and Procedures Manual
- Goal 1.10:** Ensure CASQA's Website Supports Mission Statement, Vision Statement, and Core Values

**Principle #2 : Lead** – CASQA provides leadership that results in sustainable statewide stormwater policies, regulations, and programs.

- Goal 2.1:** Establish and Implement a Vision for Stormwater\*
- Goal 2.2:** Provide Leadership on Current Regulatory and Legal Issues\*
- Goal 2.3:** Lead Efforts/Support Permit Issuance and Permit Renewal\*
- Goal 2.4:** Track Legislative Issues Relevant to Stormwater
- Goal 2.5:** Conduct an Annual Awards Program

\* Indicates Areas of Focus for 2021. While all Goals are part of CASQA's annual activities, an Area of Focus indicates that a particular new activity or project will be occurring in 2021 to further advance that particular Goal.

**Principle #3: Collaborate** – CASQA provides a forum for stormwater professionals to share ideas and identify solutions for regulatory, technical, and scientific challenges.

- Goal 3.1:** Promote Collaboration within the Executive Program Committee
- Goal 3.2:** Promote Collaboration within and between Subcommittees
- Goal 3.3:** Develop and Maintain Partnerships with Other Organizations\*
- Goal 3.4:** Participate in Outside Organizations/Groups

**Principle #4: Educate** – CASQA produces resources and hosts events that inform, educate, and train stormwater professionals, regulators, and the public on the value, challenges, and scientific and technical aspects of stormwater management.

- Goal 4.1:** Develop and Provide On-Going Training Programs
- Goal 4.2:** Develop and Provide As-Needed Training Programs
- Goal 4.3:** Host an Annual Conference\*
- Goal 4.4:** Host Quarterly Meetings
- Goal 4.5:** Develop and Publish Informative Materials

**Principle #5: Support** – CASQA tools and guidance promote implementation of sustainable stormwater programs.

- Goal 5.1:** Establish and Maintain Existing (Recurring) Resources\*
- Goal 5.2:** Develop New Resources

**Principle #6: Educate** – CASQA provides opportunities for the growth of stormwater professionals and development of current and future stormwater leaders.

- Goal 6.1:** Support Development of Future Leaders
- Goal 6.2:** Support Professional Development

# Appendix C: CASQA's Vision at-a-Glance

## VISION-AT-A-GLANCE

The full CASQA Vision document, as well as the complete text for each related objective, is available on our website.

**Principle #1: Program Implementation** – Projects and programs that use stormwater as a resource, protect water quality and beneficial uses, and efficiently minimize pollution are critical for sustainable stormwater management.

**Action 1.1:** Maximize Urban Stormwater Capture

**Action 1.2:** Minimize Pollution Through True Source Control

**Action 1.3:** Maximize Effectiveness of BMPs, Green Stormwater Infrastructure, and Low Impact Development

**Principle #2: Permits, Regulations, and Legislation** – Permits, regulations, and legislation need to support sustainable stormwater management.

**Action 2.1:** Develop a Statewide Regulatory Approach Focused on Sustainable Stormwater Management

**Action 2.2:** Develop Regulations and Guidance to Support Sustainable Stormwater Management

**Action 2.3:** Promote Legislation That Is Essential for Sustainable Stormwater Management

**Principle #3: Public Education** – Public awareness, understanding, appreciation, and support of the value of stormwater is essential to sustainable stormwater management.

**Action 3.1:** Increase Support for Funding and Sustainable Stormwater Projects

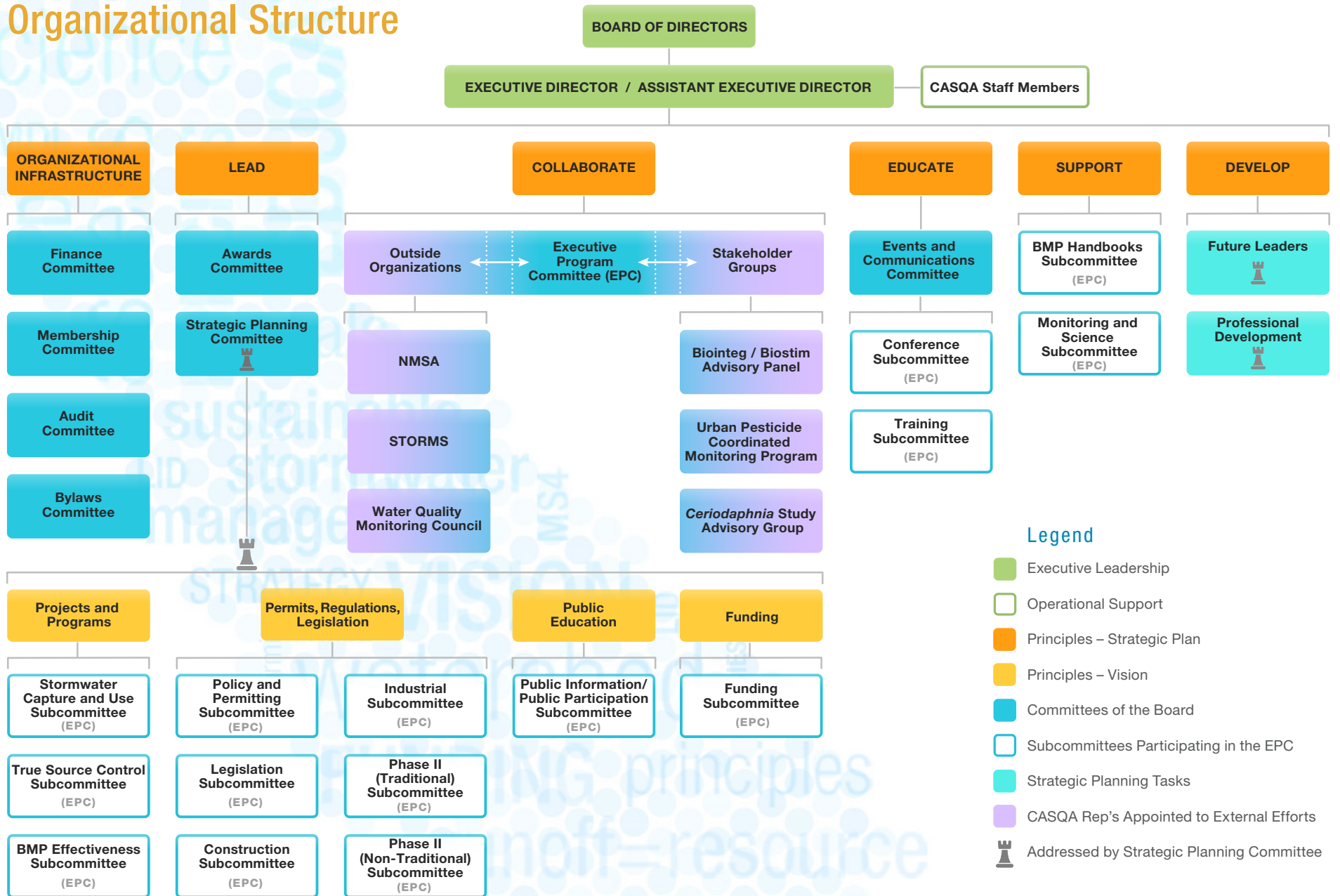
**Principle #4: Funding** – Significant financial investment is required to achieve sustainable stormwater management.

**Action 4.1:** Determine the Resource Needs for Sustainable Stormwater Programs

**Action 4.2:** Develop a Dedicated Funding Source for Stormwater Programs

**Action 4.3:** Increase Supplemental Funding Opportunities for Stormwater Programs

# Appendix D: 2021 CASQA Organizational Structure





# Appendix E: 2021 Board of Directors and Executive Program Committee

## BOARD OF DIRECTORS

- Amanda Carr** – Chair  
*County of Orange*
- Mark Lombos\*** – Vice-Chair  
*County of Los Angeles Department of Public Works*
- Richard Boon** – Treasurer  
*Riverside County Flood Control and Water Conservation District*
- Jamison Crosby** – Secretary  
*Napa Countywide Stormwater Pollution Prevention Program*
- Ashli Desai\*\***  
*Larry Walker Associates*
- Dalia Fadl**  
*City of Rancho Cordova*
- Cathleen Garnand**  
*County of Santa Barbara*
- Rinta Perkins**  
*City of Santa Clara*
- Chris Sommers\*†**  
*EOA, Inc.*
- Melanie Sotelo\*\***  
*CASC Engineering and Consulting*
- Dave Tamayo\***  
*County of Sacramento*

- 
- Karen Cowan**  
CASQA Executive Director
- Geoff Brosseau**  
CASQA Executive Advisor
- 

*Member affiliations listed in italics*

\* EPC members also on the Board of Directors (minimum 2 required)

† EPC members who are affiliate members (minimum of 1/3 of filled vacancies required)

## EXECUTIVE PROGRAM COMMITTEE (EPC)

- Mark Lombos\***  
EPC Chair  
*County of Los Angeles Department of Public Works*
- Lucy Cortez-Johnson/Matt Yeager**  
BMP Effectiveness Assessment Co-Chairs  
*Southern California Edison/Riverside County Flood Control and Water Conservation District*
- Cory Jones†/Michael Yang**  
BMP Handbooks Co-Chairs  
*CValdo Corporation/ City of Irvine*
- Sharon Gosselin/Tanya Bilezikjian†**  
Conference Co-Chairs  
*Alameda Countywide Clean Water Program/ Michael Baker, International*
- Melanie Sotelo\*\*/Kadi Whiteside**  
Construction Co-Chairs  
*CASC Engineering and Consulting/ Southern California Edison*
- Kelly Havens†/Daniel Apt†**  
Funding Co-Chairs  
*Geosyntec/Olaunu*
- Jodie Crandell†/Mehran Ebrahimi†**  
Industrial Co-Chairs  
*Keramida / GSI Environmental*
- Stephanie Reyna-Hiestand/Hawkeye Sheene†**  
Legislation Co-Chairs  
*City of Tracy/Sheene Consulting*
- Brian Laurenson†/Rebekah Guill**  
Monitoring and Science Co-Chairs  
*Larry Walker Associates/ Riverside County Flood Control and Water Conservation District*
- Rachael Keish†/Patrick Kuga†**  
Non-Traditional Phase II Co-Chairs  
*Keish Environmental / Michael Baker, International*
- Oriana Hart/Rob Carson**  
Phase II Co-Chairs  
*County of Sonoma/Marin Countywide Stormwater Pollution Prevention Program*
- Arne Anselm/Kacen Clapper†**  
Policy and Permitting Co-Chairs  
*County of Ventura/Wood Environment & Infrastructure Solutions*
- Jenna Voss/Jeanette Huddleston**  
Public Information / Public Participation Co-Chairs  
*County of Orange/County of Sacramento*
- Joseph Draper/Jim Rasmus†**  
Stormwater Capture and Use Co-Chairs  
*Fresno Metropolitan Flood Control District/ Carollo*
- Dave Mercier†/Ken Kristoffersen†**  
Training Co-Chairs  
*Michael Baker, International / CAL-Storm Compliance*
- Sara Toyoda/Richard Watson†**  
True Source Control Co-Chairs  
*City of Indio/Richard Watson and Associates*
- Grant Sharp /Brian Laurenson†**  
Water Quality Monitoring Council Representatives  
*County of Orange/Larry Walker Associates*
- Chris Sommers\*†/Karen Ashby†/ Ewelina Mutkowska/Ashli Desai\*\***  
Biostimulatory & Biointegrity Amendments SAG  
*EOA, Inc. / Larry Walker Associates/ County of Ventura / Larry Walker Associates*

For more information on CASQA Directors, Staff, and Committees, visit the “Board of Directors & Committees” page at [casqa.org](http://casqa.org)

## EPC AT-LARGE MEMBERS

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