MESSAGE FROM THE PRESIDENT—

It’s my pleasure to introduce to you SEAOI's 2016–17 Annual Report. In this document you will find a summary of SEAOI's activities during the past year including a summary of the activities of our committees, the Structural Engineers Foundation and SEPAC/Government Affairs.

This past year was the first full year for our new Executive Director Stephanie Crain, and on behalf of the Board I would like to thank her for her outstanding commitment. We added some new features to our overall communication to our members, the industry and the public: a weekly email newsletter called Tuesday Update, a continuously updated website; we increased the circulation of our electronic Bulletin, created a new SEAOI app, and revamped our Press Release as part of our public outreach program. After celebrating our 50th Anniversary in 2015, we completed a strategic planning initiative, and in the near future we will proceed with the implementation and continuous monitoring of our strategies in the areas of governance, outreach, membership and programs. I want to thank three of our Board members, Carol Drucker, Bill Walton and past-President John Duntemann, who completed their terms, and we welcome three new Board members, Johann Aakre, Homa Ghaemi and Jon Sfura, onto the Board.

During the past year our Board, committee chairs and other volunteers continued to work hard to attract more members to our association and to provide higher quality programs and services to members. We kept on being the voice of one of the more active structural engineering communities in the nation. Our financial health is overall strong, and we laid the foundation to continue working on the long-term sustainability of our traditional programs. I encourage you to review the Annual Report and feel free to call or email SEAOI's office with any questions and comments that you may have, including your suggestions for planning new initiatives. Most of all, I encourage you to be the ambassador of our profession and spread the word with your colleagues about the value you get from your SEAOI membership. It was a great honor for me to serve SEAOI this past year, and I look forward to continuing to stay involved with this outstanding professional organization.

Salvatore Di Bernardo
SEAOI President 2016–17
ABOUT US

INTRODUCING THE NEW SEAOI MISSION, VISION & CORE VALUES

SEAOI is pleased to announce that as a part of the 2017 Strategic Plan, our organization has a re-vamped mission, vision & core values.

To date, SEAOI has been operating under the SEAOI bylaws and utilizing a set of core values to help guide the main focus for our organization. As a part of the Strategic Planning process, a governance workgroup was formed to study if the SEAOI Core Values needed to be updated.

The governance workgroup surveyed numerous different organizations and how they presented their organization’s purpose, goals and values. Based on our investigation and the guidance of our Strategic Planning Consultant, ESC, the Governance Committee set out to draft three main statements:

1. MISSION STATEMENT—A statement of WHAT our organization is and WHO our organization serves.

2. VISION STATEMENT—A statement of WHERE we want to go to use as a guiding light to identify our mission.

3. STATEMENT OF CORE VALUES—Values that are integrally a part of the organization.

A key finding of the governance workgroup was that the three statements needed to be succinct and easy to remember by our members. After much debate, the draft statements were shared with the SEAOI Board of Directors for approval in January 2017 and approved in February 2017.

Thank you to all of the SEAOI members who participated in this effort!

The SEAOI Board of Directors is pleased to present the new SEAOI Mission, Vision and Core Values!

David Nickell, SEAOI Board of Directors
MISSION, VISION, AND CORE VALUES

MISSION
SEAOI champions excellence for its members in the practice of Structural Engineering.

VISION
Structural Engineers will be leaders in innovation of the built environment while advancing the prestige of the profession.

CORE VALUES
- Support LEGISLATION to uphold and preserve the Illinois Structural Engineering Act to ensure the safeguarding the lives and property of the public
- Encourage EDUCATION to advance the art and science of Structural Engineering
- Promote PUBLIC AWARENESS to inspire confidence in the profession of Structural Engineering
- Work to uphold the HONOR and INTEGRITY of the profession

PROVIDING VALUE TO MEMBERS:
- Members of SEAOI have access to significant resources and tools to help advocate and advance excellence in structural engineering and aid in safeguarding the lives and property of the public in a supportive, collaborative environment.
MEMBERSHIP

SEAOL had 800 members in the 2016–17 membership year. While the majority of members were located in Illinois, members from 29 other states were represented.

SEAOL offers seven types of membership:

- **MEMBER** Illinois-licensed Structural Engineers
- **LOCAL MEMBER (MEM)** Living or working in Illinois, and home or work ZIP code is under 61000
- **NON-LOCAL MEMBER (MEO)** Both residential and work addresses are out of state or have ZIP codes of 61000+
- **ASSOCIATE MEMBER** Individuals practicing in the field of Structural Engineering but not licensed in Illinois
- **ASSOCIATE (ASC)** Received baccalaureate degree 8 or more years ago
- **ASSOCIATE (ASI)** Received baccalaureate degree within the last 7 years
- **AFFILIATE MEMBER (AFI)** Individuals who work outside the structural engineering profession.
- **STUDENTS (STU)** Individuals who are enrolled full-time in a college or university degree program
- **LIFE MEMBERS (LIFE)** Awarded by the SEAOL Board of Directors. Requirements include 10 consecutive years of membership, retired from active practice, and a written request to the SEAOL Board, which should include a CV, resume or bio that highlights the candidate’s career accomplishments.
BENEFITS OF MEMBERSHIP

SEAOI provides a multitude of member benefits. Whether you’re a licensed SE or working towards licensure, in an affiliate profession or a student, SEAOI has something unique to offer you.

Discounted Rates for SEAOI Events:

- Continuing Education Courses offered throughout the year. Our full- and half-day classes are highly rated by attendees and are among the most economical you will find. Many are also available online.
- Dinner Meetings showcasing great projects and important engineering concepts and materials.
- The SE Exam Review Course offered by SEAOI is highly acclaimed and has helped attendees succeed on the SE Exam. This extensive course has been expanded to 45 sessions and is available online or in-person.
- Trade Shows offered in Chicago and central Illinois, featuring the best suppliers and manufacturers of products, software and services.
- Bridge and Structures Symposia, day-long events featuring a keynote address, several short presentations and opportunities to interact with exhibitors.
- Recorded webinars offer on-demand education. Some webinars are free to members; others offer discounted rates for CE credit.
- Group Savings: SEAOI members can enjoy significant savings on products and services, with no fees and no obligation. Access discounts on office supplies, shipping services, hotels and more.
- Excellence in Structural Engineering Awards: only SEAOI members are eligible to submit.
- Public outreach and volunteering opportunities are available to members through our participation in various programs like E-Week, Future City Competition, Science Fairs, CANstruction and Engineering Career Days. These avenues are wonderful sources for disseminating into the public the important work that the structural engineer does.
- SEAOI's monthly Bulletin, featuring news about the practice of engineering, technical discussions, continuing education courses, job opportunities and other information.
- Illinois Legislative Watch, monitoring and safeguarding legislative activities that may affect the profession through the Government Affairs Committee. Our activities in this area also include protecting the Illinois Structural Engineering Act.
- Membership in the National Council of Structural Engineering Associations, including a subscription to STRUCTURE Magazine and discounts for ICC publications.
- The Young Engineers Committee offers activities for engineers newer to the profession, including panel discussions, social events, visits to construction projects and volunteer and mentor opportunities.
- Attendance at the Structural Engineers Foundation Spring and Fall Lectures. These lectures feature nationally recognized experts in the structural engineering field.
- Access to the SEAOI Library, a collection of materials that includes historical references and first editions of significant publications.
- Networking opportunities at our events. These opportunities can lead to job advancement and career moves. Connect with SEs from all over the state at SEAOI events; develop leads and business potential!
- Career management events and workshops where distinguished and renowned individuals in the field offer advice on job hunting and career advancement.
- Access to the SEAOI Member Directory of 800+ members, and a reference list with easy-to-find information on affiliated and trade organizations.
COMMUNICATIONS / PUBLICATIONS

- SEAOI.org is the hub of information dissemination and online member interaction. The current SEAOI calendar and event registration, job postings, Find an Engineer, news and issues affecting the structural engineering community and other resources are found here. Members may also access their account history, current and past issues of the *Bulletin* and approved Board minutes.

- The SEAOI *Bulletin* is a monthly newsletter reporting events and issues important to the structural engineering community and SEAOI members. The *Bulletin* is available in print and online.

- Tuesday Update is a weekly online journal detailing upcoming events, announcements and hot topics.

- Press releases are issued for important SEAOI announcements, awards and events to increase visibility of the profession and organization within the structural engineering community and the general public.

- SEAOI events and news can be found on our Facebook and LinkedIn group pages.
COMMITTEES

SEA01 offers many volunteer opportunities that allow our members to directly contribute to the success of SEA01, advance and advocate the profession of structural engineering and engage with peers and the public. Committee highlights of the 2016–17 year activities:

ANNUAL MEETING/AWARDS BANQUET COMMITTEE

Plans the Annual Awards Banquet, which includes the SEA01 Special Awards presentation and the induction of the new president and board officers.

CHAIR—John Duntemann

- Hosted over 160 attendees at the 2017 Annual Awards Banquet.
- Scouted venues for 2018 Annual Awards Banquet.

AWARDS COMPETITION COMMITTEE

Prepares, publicizes and distributes information allowing SEA01 members to submit sample projects on behalf of a company for recognition in the SEA01 engineering excellence awards annual program.

CHAIR—David Horos

- Facilitated call for, submission of, presentation and judging of all 2017 project award submissions.
- Implemented online project submission process.
- Secured panel of qualified third-party judges to preside over the project award presentations.
- Evaluated new project award categories.
- Organized committee in review and selection of the Parmer Award, Young Engineer Award, Service award and special awards recipients.

BRIDGE SYMPOSIUM COMMITTEE

Responsible for scheduling and arranging this annual day-long event. The committee solicits and reviews abstracts, selecting presentations that cover a broad range of bridge engineering issues.

CHAIR—Soliman Khudeira

- Hosted approximately 150 attendees at 2017 event.
- Prepared a working schedule, developed guidelines for presentation slides and implemented new on-site registration for 2017 event.
- Secured Maggiano’s for April 26, 2018.
BUILDING CODES COMMITTEE

Makes recommendations for amendments to the codes which would incorporate new developments in various aspects of the design of structures and specifications used in the practice of structural engineering.

CHAIR—Jim Hauck

- Continued to strengthen relationship with the City of Chicago Department of Buildings.
- Maintained consistent awareness of amendments to codes.
- Revitalized committee with call for volunteers for 2017, resulting in several new members.

CENTRAL ILLINOIS CHAPTER AND TRADE SHOW COMMITTEE

Organizes the annual Central Chapter Trade Show & Symposium, and helps to coordinate continuing education events held in central Illinois.

CHAIR—Joe Lowrance

- Improved marketing and communication to members outside Chicagoland area.
- Concerted efforts to increase events offered to central Illinois members.

CHICAGO TRADE SHOW AND SYMPOSIUM COMMITTEE

Responsible for organizing this annual exposition, where structural engineers can talk with participating vendors about the products or services they offer.

CHAIR—Soliman Khudeira

- Hosted close to 75 attendees and 17 vendors at the March 3, 2017, event.
- Secured University Club for March 2, 2018.
- Coordinated efforts with SEAIN Spring Conference scheduled around the same time.
CONTINUING EDUCATION COMMITTEE
Plans SEAOI seminars and workshops throughout the year. The committee selects topics and recruits instructors to meet the continuing education needs of structural engineers.

CO-CHAIRS—Larry Kirchner and Jon Sfura

- Offered six events, serving over 200 attendees during 2016–17 Program Year.
- Actively recruited additional committee members to facilitate more event offerings in 2017–18 Program Year.

DINNER MEETINGS COMMITTEE
Determined topics and secures speakers for the monthly dinner meetings.

CO-CHAIRS—Carol Drucker and Bill Walton

- Hosted six dinner meetings, with over 460 attendees in 2016–17 Program Year.
- Topics and speakers included: Kevin Sido on *Amicus Curiae*, Bill Walton on Deep Foundations Performance, Gowan Dishman on the New NY Bridge, Dennis Poon on the Shanghai Tower, David Eckman on River Point Tower and Eric Fenske and Bob Halvorson on Hanking Center.

MEMBERSHIP COMMITTEE
Encourages those in the practice of structural engineering and allied professions to become members of SEAOI to advance the profession; maintains a membership list and publishes the SEAOI membership directory.

CHAIR—Derek Boeldt

- Grew the recent graduate membership subsidy promotion for new young members.
- Improved online membership application and renewal process for 2017–18 year.
**PUBLIC RELATIONS/OUTREACH COMMITTEE**
Serves as liaison between the profession and various other stakeholder groups including the general public, students, government agencies, peer organizations and the media, initiating activities that promote the value of structural engineering as a profession, an expertise and a service. Generate awareness and appreciation in these groups for structural engineers.

**CHAIR—Jan Blok**

- Represented SEAOI and participated at various events in 2016–17, including The Future City Competition, DuPage Area STEM Expo and Des Plaines Science Expo.
- Populates Engineering in the News section of the SEAOI website.
- Creates and distributes SEAOI press releases promoting SEAOI events and awards.
- Collaborates with peer organizations on various joint initiatives.
- Enables communications with the boards of peer organizations.

**BULLETIN/PUBLICATIONS COMMITTEE**
Collects and edits appropriate news and other material for inclusion in the SEAOI Bulletin.

**CHAIR—Cathleen Jacinto**

- Successfully implemented redesign of Bulletin for an enhanced digital version.
- Developed Annual Report.

**SPONSORSHIP COMMITTEE**
Provides information and communication to potential affiliate sponsorship companies that have a history or interest in supporting SEAOI as well as the structural design and construction industry in general.

**CHAIR—Terry McDonnell**

- Refined Affiliate Sponsor program.
- Continued development of comprehensive sponsor database.
- Continued to strengthen relationships with existing sponsors.

**STRUCTURES SYMPOSIUM COMMITTEE**
Responsible for scheduling and arranging this annual day-long event. The committee solicits and reviews abstracts, selecting presentations that cover a broad range of structural engineering issues.

**CHAIR—Derek Boeldt**

- Hosted 112 attendees at 2016 event.
- Implemented new abstract submission process for 2017 event.
- Secured Maggiano's for October 26, 2017.
**WOMEN IN STRUCTURAL ENGINEERING**  
(formerly known as Women’s Networking Group)  
Provides a forum for networking in the context of educating our members.  
**CO-CHAIRS—Christine Freisinger and Jennifer Traut-Todaro**  
- Renamed group SEA01 Women in Structural Engineering (SEA01 WiSE) to better reflect mission and goals.  
- Hosted sold-out First Annual Women in the Built World in January 2017, in conjunction with WiRE and CWA.  
- Collaborated with SE3 Committee to host live and online presentation of SE3 Survey Findings in May 2017.

**TECHNOLOGY COMMITTEE**  
Works to improve and expand the technological capabilities used in SEA01’s classes and events, including the availability of live class recordings.  
**CHAIR—Kevin Conroy**  
- Implemented several upgrades to SEA01 website, including participant list for all events, automated enrollment process for SEA01 webinars and improved receipt functionality.  
- Receive NCSEA Grant for technology, resulting in acquisition of new equipment to enhance user experience of SEA01 events.  
- Refined tech support training tools for onsite volunteers.

**IMPLEMENTATION OF STRATEGIC PLANNING COMMITTEE**  
Maintains accountability, adaptation (if needed) and fulfillment of SEA01’s strategic plan.  
**CHAIR—David Nickell**  
- Finalized and implemented SEA01 strategic planning for fiscal years ending 2018, 2019 and 2020.  
- Finalized new Mission, Vision and Values for SEA01.  
- Created and implemented reporting system.
GOVERNMENT AFFAIRS/STRUCTURAL ENGINEERS POLITICAL ACTION COMMITTEE (GAC/SEPAC)

The Government Affairs Committee meets on a regular basis and engages the political action committee when needed to fight pending legislation in Illinois as well as affect judicial rulings by funding *amicus curiae* (friend of the court) briefs. SEPAC was formed in 1987 to represent the interests of structural engineering and allied professions in the political and legislative arenas in Illinois. SEPAC is an independent, bipartisan organization.

**CHAIR—John McLean**

- Evaluated pending legislation throughout the year as identified by our consultant hired to monitor Illinois legislative items affecting structural engineering.
- Partnered with AIA Illinois to travel to Springfield, Illinois, for a day of meeting with Illinois legislators by SEAOL members at no cost to members.
- Hosted close to 40 attendees at the September 2, 2016, Dinner Meeting event; Kevin Sido discussed the successful *amicus curiae* briefs SEAOL helped fund.
- Reinvented the Principals Luncheon as the GAC Spring Luncheon on April 21, 2016; over 60 attendees listened to Randy Blankenhorn discuss Infrastructure in Illinois.

**STRUCTURAL ENGINEERS FOUNDATION (SEF)**

An independent, non-profit charitable organization dedicated to one goal: the advancement of structural engineering. SEF has committed to sponsoring and funding scholarships, lectures, awards, publications and research.

**PRESIDENT—James Pawlikowski**

- Awarded four scholarships, totaling $10,000
- Awarded one research grant, totaling $2,500
- Hosted two free lectures: Adventures in Glass by James O’Callahan on November 1, 2016, and *The Role of Sustainability in Structural Engineering* by Gunnar Hubbard on April 18, 2017.

In addition to these committees, the following groups are under the SEAOL umbrella, but have their own Boards:
YOUNG ENGINEERS COMMITTEE (YEC)
Works to provide a forum for young practicing structural engineers to promote the structural engineering field, as well as learn from both young and experienced members of the Structural Engineers Association of Illinois (SEA01).

CO-CHAIRS—Michelle Ryland and Mike Zelisko

- Launched First Annual Young Engineers Symposium, featuring six young engineers presenting their projects to a sold out audience of over 50.
- Hosted several networking and professional development events such as the biannual Post SE/PE Exam Celebrations, the "Can for a Can" Happy Hour and the Holiday Happy Hour and Toy Drive.
- Served as liaison between SEA01 Board and Young Engineer members, ensuring interests, activities and goals of each group were communicated and coordinated.
- Managed SEA01's social media platforms.

The following committees are composed of appointed members, per the SEA01 By-Laws:

EXECUTIVE COMMITTEE
composed of the Board President, President-Elect, Treasurer, Secretary, and the immediate Past-President.
CHAIR—Salvatore Di Bernardo

NOMINATING COMMITTEE
Prepares a list of nominees for future officers and Board of Directors for the annual elections.
CHAIR—David Horos
EDUCATION

SEAOI hosts several live and online seminars, courses and workshops throughout the year, providing best in class content presented by industry leaders. We are very proud of our overall event attendee satisfaction rating—100% of all surveyed events presented by SEAOI received a rating of Excellent / Very Good.

Events offered in 2016–17 include:

- Continuing Education classes
- Bridge Symposium
- Structures Symposium
- Dinner Meetings
- Central Chapter Trade Show and Symposium
- Chicago Trade Show and Symposium
- Webinars
- SE Exam Refresher Course
- GAC Spring Luncheon
AWARDS COMPETITION / ANNUAL BANQUET / SPECIAL AWARDS

The SEAOI Annual Banquet is held each June to honor and recognize recipients of the Excellence in Structural Engineering Award Competition and Special Awards. Excellence in Structural Engineering Awards is a design competition that recognizes excellence in structural engineering. Awards given at the 2017 Annual Banquet were:

- **JURORS’ FAVORITE / MOST INNOVATIVE STRUCTURE**—JTI Headquarters; Skidmore, Owings & Merrill LLP and Ingeni Ingenierie Structurale
- **BEST RENOVATION / RETROFIT PROJECT**—Hard Rock Stadium; Ruby+Associates, Inc.
- **BEST BRIDGE / TRANSPORTATION PROJECT**—Kentucky Lake Bridge; Michael Baker International, Inc.
- **BEST PROJECT—>$150 MILLION**—River Point Tower; Magnusson Klemencic Associates
- **BEST PROJECT—$50 MILLION TO $150 MILLION**—Chicago Riverwalk; Alfred Benesch & Co.
- **BEST PROJECT—$5 MILLION TO $50 MILLION**—Wrightwood Art Gallery Renovation; Thornton Tomasetti, Inc.
- **WILLIAM AND ALYS LAVICKA AWARD (UP TO $1 MILLION)**—Duke University Chapel; Wiss, Janney, Elstner Associates, Inc.

SEAOI Special Awards are given to individuals who have demonstrated extraordinary service and achievement in the field of structural engineering.

- **JOHN F. PARMER AWARD** honors a structural engineer by their peers to be an example of excellence. **2017 RECIPIENT**—William F. Baker
- **SEAOI SERVICE AWARD** recognizes a person in design, construction or a related field, who has achieved outstanding success and distinction, and has made a significant contribution to the advancement of structural engineering. **2017 RECIPIENT**—Robert G. Lukas
- **OUTSTANDING YOUNG ENGINEER AWARD** recognizes an engineer aged 35 or younger for outstanding achievements in structural engineering. **2017 RECIPIENT**—Patrick Ragan
BUDGET FOR 2017–18

REVENUE—$560,000

Continuing Education 57%
$319,000

Other Events and Programs 10%
$57,000

Advertising and Sponsorships 3%
$18,000

EXPENSES—$560,000

Operations 61%
$344,390

Continuing Education 23%
$130,000

Continuing Education 29%
$164,000

Membership Dues 4%
$21,000

Other Events and Programs 10%
$55,000

Marketing 2%
$10,000

Other 1%
$2,000

Membership Dues 4%
$21,000

Advertising and Sponsorships 3%
$18,000

Other Events and Programs 10%
$57,000

Operations 61%
$344,390

Continuing Education 23%
$130,000

Continuing Education 29%
$164,000

Other Events and Programs 10%
$55,000

Marketing 2%
$10,000

Other 1%
$2,000
BOARD & STAFF

CURRENT BOARD MEMBERS
President—Tony F. Shkurti
President-Elect—David Nickell
Treasurer—Christine M. Freisinger
Secretary—Soliman Khudeira

Directors to 2018
Derek Boeldt
Lawrence Kirchner
Joseph M. Lowrance

Directors to 2019
Jan I. Blok
Kevin Conroy
José A. Medero

Directors to 2010
Johann Aakre
Homa Ghaemi
Jon Sfura

Past Presidents
Terry R. McDonnell
David R. Horos
Salvatore Di Bernardo

STAFF
Stephanie Crain, Executive Director
scrain@seaoi.org
312-488-9839

Mary Jane Davis,
Administrative/Finance Assistant
office@seaoi.org
312-726-4165

Marsha Harman,
Program & Technology Coordinator
mharman@seaoi.org
312-488-9838
LOOKING AHEAD 2017–18

Wow! This past year has been an exciting year for SEAOI, and as we carry the torch forward this coming year, we plan to continue making our organization just a bit better: a place where all structural engineers can come together, share their experiences and know-how, mentor the younger generation of engineers, learn from each other and just as simple as hang out and have fun while doing it.

First, it is the first year of a three-year implementation for our strategic plan. David Nickell is leading the effort, and we are well on our way to meeting and exceeding our goals. We are going to keep on track pushing forward.

Second, we plan to make many improvements to our services. We are already collaborating with many of the local universities to start the onboarding of future structural engineers into the organization. We have more student members than ever and are adding more as we go along. The onboarding will continue by engaging these members with the YEC, of which I am really proud as they continue to add value to SEAOI by contributing fun as well as educational activities, influxing young blood into our organization and preparing new leaders. We are also coordinating better than ever with our national organization, NCSEA. We are interfacing much better than in past years, and are working toward identifying dedicated delegates to NCSEA.

We are discussing several possibilities of improving our trademark Refresher Course, and many of our Continuing Education offerings. We take pride in these services that impact the professional life of our members, and structural engineers in general. We want to keep SEAOI as a fun place to be, but we want to also make it a sustainable organization, just like our profession.

Please come and join us, volunteer and spread the word about our organization.

Hope to see you soon at one of our upcoming fun activities.

Tony Shkurti
SEAOI President 2017–18