

wiliki o hawaii

ENGINEER
OF HAWAII

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SERVING 2000 ENGINEERS

OCTOBER 2021

OCTOBER IS ENERGY AWARENESS MONTH HAZARD MITIGATION GRANT PROGRAM AWARDED TO HAWAII

Energy resources and the systems that deliver energy are fundamental lifelines to Hawai'i that help ensure the continuous operation of essential business and government functions, and are essential to human health, safety, and economic security.

Through the Hazard Mitigation Grant Program (HMGP), the Federal Emergency Management Agency (FEMA) has awarded the State a 2-year grant that will bolster the effort to mitigate natural disaster risks and vulnerabilities to these energy lifelines in Hawai'i. The grant focuses on reducing long-term vulnerability of O'ahu's communities and properties to natural hazards, concentrating on risks to community lifelines and critical energy infrastructure and facilities.

Hazard Mitigation Grant Program Advance Assistance Pilot grant funding may be used to develop mitigation strategies and obtain data to prioritize, select, and develop complete HMGP applications in a timely manner. This will help accelerate the implementation of these mitigation strategies. The Advance Assistance Pilot can support applications under the new Building Resilient Infrastructure and Communities Pre-disaster Hazard Mitigation Program.

The FEMA Advance Assistance project will utilize available federal grant funds to strengthen Hawaii community hazard mitigation awareness and partnerships. The project team will leverage existing hazard mitigation, emergency management, homeland security, and industry subject matter expertise and local knowledge to evaluate essential energy supply chains, key facilities, and high-risk areas on O'ahu. This work will inform further project tasks and analyses necessary to develop general and location-specific prioritized energy hazard mitigation actions.

By identifying and mapping hazards to specific lifeline facilities and areas, the HMGP and project participants will be provided with information and tools needed to integrate energy mitigation and resiliency factors into their emergency response plans, infrastructure planning, and investment decision-making processes.

The activities of this project will help Hawaii communities and critical facility owners/operators become more aware of appropriate energy mitigation strategies and assist them in making better informed decisions on available options to increase the resiliency of their business or public service operations to the hazards in their area.

Having a baseline understanding of energy risks when evaluating critical lifeline facilities

and areas to determine appropriate mitigation actions also supports the State's overall mitigation strategy and plans. This shifts the focus away from costly and reactive disaster spending and toward research-supported, proactive investment in community and infrastructure resilience. This type of mitigation planning is key to breaking the cycle of disaster damage and reconstruction.



2020-2021 ASCE Hawaii Section Officers

President:	Dayna Nemoto-Shima, P.E. email: dnemoto@ascehawaii.org
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YMF Pres.:	Carly Kaneko, P.E. email: ckaneko@ascehawaiiymf.org

EXECUTIVE COMMITTEE MEETING

Last held: September 15, 2021

Next meeting: TBD October 2021

ASCE HAWAII SECTION DINNER MEETINGS

The continued health and safety of our membership is our top priority and we will continue to monitor the COVID-19 pandemic. Future in-person ASCE Hawaii Section events, including our section dinner meetings, are still temporarily on hold. Zoom meetings will be scheduled in lieu of in-person meetings, date and time TBD. We will keep you informed via e-blasts and/or notices posted on our website at ascehawaii.org when they will be scheduled. Please continue to stay safe, watch out for each other, especially our kupuna, and continue to be vigilant about best health practices.

OCTOBER MEETING – Watch for an e-blast with information and a link to register for our next meeting.

Cost: None (RSVP via Eventbrite)

ASCE's COVID-19 RESOURCES PAGE

<https://collaborate.asce.org/covid-19/home>

Reminder that ASCE has launched a COVID-

19 resources page with online tools and tips in one convenient place. The page includes links to free programs, training, and resources, the results of COVID-19 industry impact surveys, and relevant online discussions with fellow members. The page also offers several ways to work more effectively while at home and activities to take advantage of in the down time you may have – even fun things to do with the keiki! And don't forget that all members have 10 free PDHs! Now may be a good time to catch up on some of those technical on-demand webinars.

COMMITTEE POSITIONS

ASCE Hawaii is looking for volunteers for various committee positions, including History and Heritage Chairperson, Advocacy Captain, Report Card Committee Members, and Water Resources Chairperson. If you are interested or have questions on any of these positions, please contact President Dayna Nemoto-Shima, dnemoto@ascehawaii.org.

MEMBERSHIP

If you haven't already done so, please renew your ASCE membership, which includes 10 free PDHs. You can renew your membership at www.asce.org.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and include the note 'Walter Lum Scholarship Fund' and mail to: ASCE Hawaii Section, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Eric Tomishima at etomishima@ascehawaii.org.

ASCE GOLF TOURNAMENT

We had a record-setting 60 teams that played in this year's tournament! We want to express our heart-felt gratitude to our local industry and ASCE community for all their support. Save the date for next year's tournament, currently planned to be on Friday, Aug 5, 2022.

ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- **AECOM** (Civil Engineers II)
- **City and County of Honolulu** (Civil Engineer III, IV, V, Civil Engineer V (Geotechnical), & Electrical Engineer V)
- **Gray Hong Nojima & Associates, Inc.** (Junior Civil Engineer)
- **G70** (Civil Designer, Civil Engineer, Civil Project Manager, Construction Manager)

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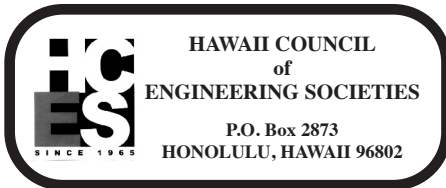
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WILIKI MAILING LIST

Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



HOME PAGE: hceshawaii.org
EMAIL: hcesorg@gmail.com

2021-2022 OFFICERS

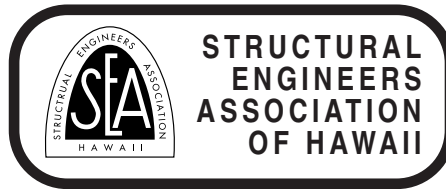
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www.aacehawaii.com

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PO BOX 3348, HONOLULU, HI 96801
Web Page URL <http://www.seaoh.org>

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Vice President	Craig Meierhoffer cmeierhoffer@baseengr.com
Secretary	Clifford Lau clau1@honolulu.gov
Treasurer	James Aoki james.m.aoki@usace.army.mil

Upcoming Events

For all events see seaoh.org or email flyers.

PBX21

In lieu of the annual convention this year, SEAHO will again be partnering with CSI Honolulu Chapter as an industry sponsor of PBX21 on October 28, 2021. For more information, go to pbxhawaii.com or contact Danny Fujioka at danny@nagamineokawa.com.

SEAOH Annual Scholarship Golf Tournament

• Annual Scholarship Golf Tournament at Hoakalei Country Club is postponed to November. Updates will be sent via email.
• Scholarships will be awarded on Friday October 1, 2021.

Membership

• Ryan Kunihisa application for Associate Member approved in September Board Meeting.

Education Committee

We are currently looking for an individual to serve as Education Committee Chair. If interested, please contact a current board member for more information.

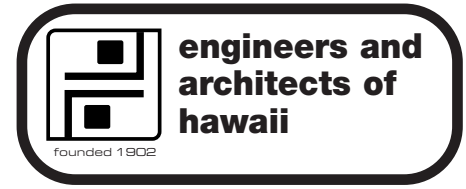
2022 Board of Directors Nominations

We are currently accepting nominations for the 2022 Board of Directors. If interested, please contact a current board member for more information.

Next Meeting on Wednesday, October 6, 2021. For information, contact SEAHO President John Uno at john@mkellc.com.

As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification Programs.

The local section, AACE Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for seven consecutive years 2014-2021. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aacei.org/certification> and our local website www.aacehawaii.com.



PO. Box 1901, Honolulu, HI 96805-1901
An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

EAH 2021 Officers

President	Phil Blackman	282-7948
1st V. P.	Canaan Shon	845-3900
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Director	Martin McMorro	256-4713
Director	George Coates	234-5659
Director	Howard Wiig	587-3811
Director	Joe Feind	
Director	Dave Martin	543-4504

EAH is currently only having Zoom Meetings until further notice.

Regular meetings are held 2 times per month on Fridays. Meetings start at NOON and have ended PROMPTLY at 1:00pm for over 110 Years.

Members, guests, and the Public are welcome to join EAH meetings. Email eahawaii@gmail.com to get the Zoom meeting links.

October Programs

See EAH Website eahawaii.org

Friday October 1st

Speaker: TBA

Friday October 15th

Speaker: TBA

EAH is offering incentives for student involvement in the PBX21 October 28th convention!

EAH hosted the below meetings in September

Friday September 10th

Speaker: James Friday, UH Extension Forester

Topic: "Rapid 'Ōhi'a Death (ROD)"

James Friday is an Extension Forester with the UH College of Tropical Agriculture and Human Resources (CTAHR). He spoke about Hawaii's battle with Rapid 'Ōhi'a Death in Hawaii.

Friday September 24th

Speaker: Friends of Haiku Stairs

Topic: "How To Unleash Your Success Ritual"

The Friends of Haiku Stairs stopped by to speak about the current events of the Haiku Stairs and the international it has been receiving.

This year EAH is hosting past meetings on Olelo Channel 53. The 30 Minute Programs premieres on the 2nd Wednesday of the month at 6:00 pm and will replay on Sunday's at 1:00pm until the new premier on the following month. Visit the EAH Website for Olelo's On-line Links to these Programs: **Restoring Lehua Island; China Clipper Inaugural Passenger Flight 1936; Haiku Stairs History; Subterranean Robot Challenge; 52 Years Years of Architecture – Geoffrey Paterson; Dan Eckert Photographer -Topic Hyperlapse; Ala Wai Ahupua'a – 5 Step Solution; A Heritage of Ruins – Dr. William Chapman.**

ASCE, from Page 1

- **HDR** (Senior Civil Engineer, Project Manager, Senior Engineering Project Manager, Water/Wastewater Engineer)
 - **Hawaii Housing Finance and Development Corporation** (Section Chief)
 - **Kennedy/Jenks Consultants** (Project Manager, Honolulu Staff Engineer, Hawaii Staff Engineer)
 - **Nagamine Okawa Engineers Inc.** (Structural Engineer)
 - **R.M Towill Corporation** (Assistant Engineer I, Assistant Engineer II, Civil Design Engineer, Design Visualizer 3D Modeler)
 - **SSFM** (Civil Engineer V, Structural Engineer IV)
 - **Stantec** (Account Manager/Engineer-Water)
- For further information, please visit <http://www.ascehawaii.org/job-listings.html>.

ASCE American Society of Civil Engineers
Hawaii Section — Younger Member Forum
Web site: <http://www.ascehawaii.org/yfm.html>

2020-2021 YMF Officers

- Carly Kaneko, President
ckaneko@ascehawaiiyfm.org
Claire Fukuoka, Vice President
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Brandon Uejo, Treasurer
buejo@ascehawaiiyfm.org
Lance Lam, Secretary
llam@ascehawaiiyfm.org
Kapiolani Street, Past President
kstreet@ascehawaiiyfm.org

YMF General Meeting

The next YMF general meeting will be on Wednesday, October 13, 2021 at 6:00 PM, location TBD. Please send your RSVP to yfm.hawaii@gmail.com; details will be distributed to those who RSVP prior to the meeting. Please be sure to check out our website and social media channels for the most updated information on our upcoming events. If you are interested in attending and learning more about the various professional, social and service opportunities available through YMF, please contact YMF at yfm.hawaii@gmail.com.

Online PE Refresher Course

The Hawaii YMF has partnered with Pathceed, an online PE Exam refresher course that covers the breadth portion of the civil

engineering exam. This course features 12-hours of on-demand course materials that may be accessed for a 6-month period, and a one-time free access should you not pass the exam. Curious but want a sample of the course? There's a free 1-hour lesson you can check-out before committing to the program!

Cost of the course is \$289 and we are offering ASCE Hawaii YMF members a \$40 discount when registering. If interested in signing up for this course, please contact Nicole at yfm808.pecourse@gmail.com for more information.

Golf Course Outing - Bayview

On Sunday, August 22nd, YMF held a driving course outing at the Bayview Golf Course in Kaneohe. Thirteen YMF members put their short game to the test at the 18-hole par 60 course in Kaneohe. Following the round, the golfers headed over to Buffalo Wild Wings for lunch and



some refreshments. Thanks to all who participated. Please keep checking the YMF website for information regarding the next YMF Golf Outing.

Technical Presentation - Building an Inspirational Career by Jiro Sumada

Jiro Sumada of QRSE shared tips and skills needed to help young engineers and planners build a successful career. The presentation was interactive with some audience participation, covering topics such as managing expectations, work culture and experience, people skills, and building connections. The presentation was held on Thursday, August 12th and there were 37 members in attendance. A part 2 to the presentation will be held in October. Thank you to Jiro for sharing his knowledge with our members and thank you to all those that attended the presentation!

YMF Headshot Fundraiser

Thank you all for supporting the YMF Headshot Fundraiser on Saturday, August 28! YMF member, Leah Miyasato, did a quick one-

on-one photoshoot with each participant who received edited professional headshots after the fundraiser concluded. Proceeds from the event will go towards YMF programming throughout the year. Thank you again for your support!

Hawaii Section
The American Society of Mechanical Engineers

www.asme-hi.com

ASME-HI 2021-2022 Officers

- Chairperson Derek Sato
derek.sato@hawaiianelectric.com
Vice-Chair Abel Siu Ho
Secretary Raymond Liu
Treasurer Kevin Dang
dangk001@hawaii.rr.com
Member-@-Large Shaun Idefonso
Ed Chang

NEXT ASME-HAWAII GENERAL MEMBERSHIP MEETING

Date: September 24, 2021

As usual, all members, students and guests are invited and encouraged to attend our Zoom Conference Call meetings. Please contact Derek Sato for the link.

GENERAL MEMBERSHIP MEETING August 27, 2021

Our August Zoom Conference Call meeting was held August 27, 2021 starting 5:05 PM (HST). Meeting was conducted by Chairperson Derek Sato with the following discussed:

- UHM DME Report by Dr. Woochul Lee: Dr. Sangwoo Shin has left the Dept. of Mechanical Engineering (DME), UHM, to take a position at the University of Buffalo. Dr. L. Hihara stepped down as co-Chair of DME due to medical reasons.
- The Francis R. Montgomery Design Competition award tiers are still to be determined. Dr. Lee mentioned 41 students (3 to 4 teams) are participating in the Fall 2021 ME481/FRM Design Competition. Mechanical Engineer judges are wanted. Competition will be done remotely so judges can work from home.
- Suggested programs for future Hawaii Section virtual meetings: 1) Graduate student research topic presentations, and 2) speaker on Robert's Rules of Order and/or Conflict Resolution.

The next Hawaii Section virtual meeting is scheduled for September 24, 2021.

Professional Directory

<p>SHIMABUKURO, ENDO & YOSHIZAKI, INC. Civil, Environmental & Structural Engineers 1126 12th Avenue, #309 Honolulu, Hawaii 96816-3715 Phone: (808) 737-1875 Fax: (808) 734-5516 Email: seyeng@seyeng.com</p>	<p>Tim Waite, P.E. Sr. Territory Manager Mobile: 808-479-1216 Email: twait@strongtie.com Simpson Strong-Tie Co., Inc.</p>	<p>SSFM INTERNATIONAL www.ssfm.com</p>	<p>WPT WALTER P. THOMPSON, INC. SURVEYING & MAPPING 720 IWILEI ROAD SUITE 425 P.O. Box 3351 HONOLULU, HI 96801 PHONE: (808) 536-2705 FAX: (808) 599-4032</p>
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<p>ControlPoint Surveying, Inc. Oahu: 615 Piikoi Street, Suite 700 Honolulu, Hawaii 96814 Ph: (808) 591-2022, Fax: (808) 591-8333 Email: surveying@cpshawaii.net Maui: 1129 Lower Main Street, Suite 102 Wailuku, Hawaii 96793 Ph: (808) 242-9641 Email: cpsmaui@cpshawaii.net</p>	<p>When it's RUST Call us (808) 676-1963 www.corrosioncops.com</p>	<p>Y. Ebisu & Associates Acoustical and Electronic Engineers 1126 12th Avenue, Room 305 Honolulu, Hawaii 96816 (808) 735-1634</p>	<p>CUMMING Building Value Through Expertise Cost + Project Management 808-947-4525 ccorpusa.com</p>
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<p>HCD ROCK SOLID SINCE 1908 www.hcdhawaii.com • sales@hcdhawaii.com</p>	<p>HDR Honolulu 808.697.6200 Maui 808.359.2518 hdrinc.com</p>	<p>HIDA, OKAMOTO & ASSOCIATES, INC. CONSULTING CIVIL ENGINEERS PACIFIC GUARDIAN TOWER 1440 Kapiolani Boulevard, Suite 1120 Honolulu, Hawaii 96814 Phone: (808) 942-0066 Fax: (808) 947-7546</p>	<p>Hirata & Associates, Inc. Geotechnical Engineering 808.486.0787 www.hirata-hawaii.com</p>
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<p>MCE INTERNATIONAL, INC. MECHANICAL CONSULTING ENGINEERS 1360 S. Beretania Street, Suite 400, Honolulu, HI 96814 Phone: (808) 941-0955 Fax: (808) 550-8167 E-mail: mcehnl@mceinternational.com Website: www.mceinternational.com</p>	<p>Creative People, Practical Solutions.® moffatt & nichol Marine & Transportation Planners and Engineers 808.533.7000 www.moffatfnichol.com</p>	<p>NAGAMINE OKAWA ENGINEERS INC. CONSULTING STRUCTURAL ENGINEERS 1003 Bishop Street • Suite 2025 Honolulu, Hawaii 96813 Phone: (808) 536-2626 • FAX: (808) 536-3926</p>	<p>Okahara and Associates, Inc. ENGINEERING CONSULTANTS Civil - Mechanical Engineers Hilo: (808) 961-5527 • hilo@okahara.com Oahu: (808) 524-1224 • oahu@okahara.com www.okahara.com Small Business and Certified HUBZone</p>
<p>oceanit www.oceanit.com</p>	<p>PGE Pacific Geotechnical Engineers, Inc. Soils & Foundation Engineering Consultants 94-417 Akoki Street Waipahu, Hawaii 96797 (808) 678-8024 FAX (808) 678-8722 E-mail: pge@pacificgeotechnical.com</p>	<p>ParEn, Inc. SUIE 1500, PACIFIC PARK PLAZA 711 KAPOLANI BOULEVARD HONOLULU, HAWAII 96813 TELEPHONE: (808) 593-1676 FAX: (808) 593-1607 EMAIL: paren@pareninc.com dba park engineering Engineers, Surveyors, Planners</p>	<p>Sato & Associates, Inc. Consulting Engineers Honolulu • Maui www.satoandassociates.com</p>