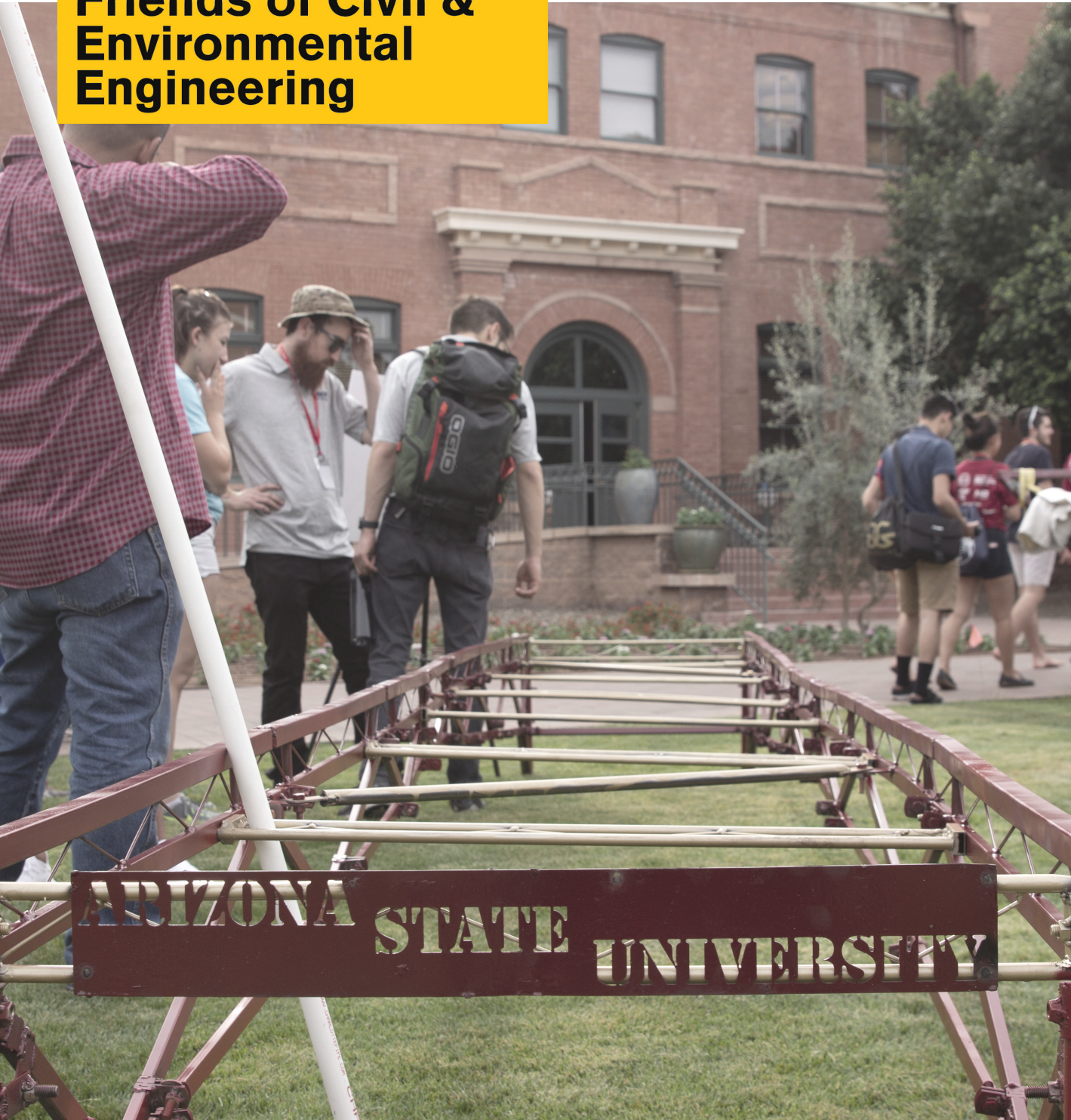


# FOCE<sup>2</sup>

**ASU** Ira A. Fulton Schools of  
**Engineering**  
Arizona State University

**Friends of Civil &  
Environmental  
Engineering**



Fall 2019

# Member Packet

School of Sustainable Engineering and the Built Environment

# Welcome



**BRUCE LARSON, Steering Committee Chair**

**On behalf of the member firms, the faculty and the students, welcome and thank you for joining Friends of Civil and Environmental Engineering (FOCE<sup>2</sup>).**

We appreciate your investment and commitment to today's civil and environmental engineering students. These are the same students who, in the near future, will be responsible for the built environment in which we live, including the quality of the water we drink and the air we breathe, the structural integrity of the buildings where we reside and work and the safety and functionality of the transportation system that we and our families utilize every day.

Through FOCE<sup>2</sup> you are giving back to the engineering profession. Your financial contribution provides students with funding for worthwhile purposes such as taking the FE exam, attending the ASCE Pacific Southwest Conference and participating in Engineers Without Borders. In addition to financial support, FOCE<sup>2</sup> provides input on the civil and environmental engineering curriculum, provides guest lecturers, and helps prepare and assist students in finding internships and permanent employment upon graduation. FOCE<sup>2</sup> is also a great opportunity to mix with faculty, other member firms and most importantly the students.

Thanks again for becoming a member of FOCE<sup>2</sup>. We appreciate your commitment to the students and are confident that you will find your membership to be worthwhile.

Best Regards,

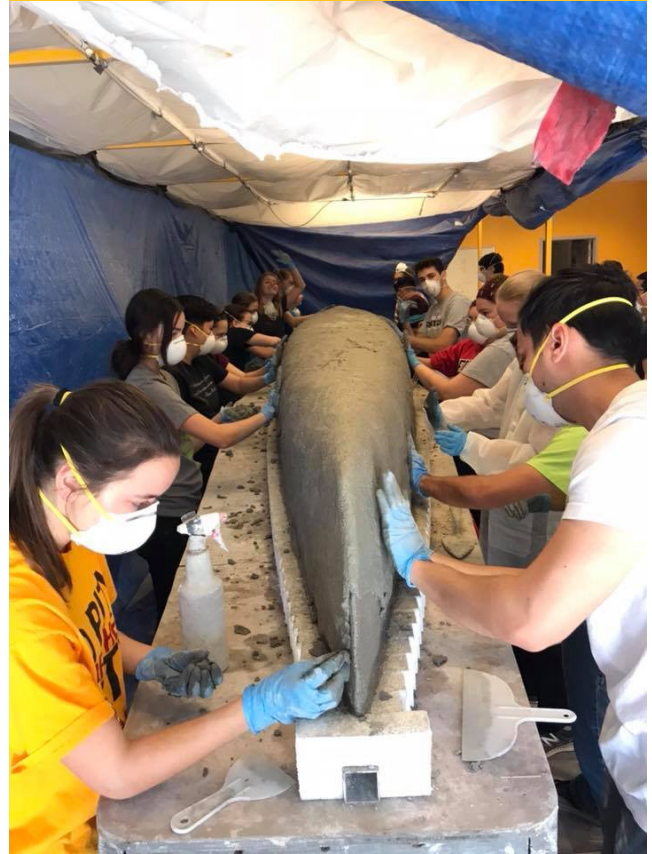
A handwritten signature in black ink, appearing to read "Bruce Larson". The signature is fluid and stylized, with a long horizontal stroke extending to the right.



# Why FOCE<sup>2</sup>?

FOCE<sup>2</sup> has four standing committees (p. 5) to help focus on key strategic initiatives for Civil, Environmental, & Sustainable Engineering (CESE) and the Environmental Engineering (EVE) programs within the School of Sustainable Engineering and the Built Environment (SSEBE).

Standing committees have leaders from industry to help advance goals. Participants on the standing committees include members that wish to further the initiatives of CESE, EVE and FOCE<sup>2</sup>



## Why the School of Sustainable Engineering and the Built Environment (SSEBE)?

Our unique blend of civil and environmental, construction engineering and construction management programs—coupled with a focus on sustainable engineering—enables us to train students who can impact the entire lifecycle of the built environment, from planning to design to construction.

***"SUPPORTING FOCE<sup>2</sup> WHILE SPENDING TIME WITH STUDENTS, STAFF AND INDUSTRY PARTNERS IS SIMPLY THE RIGHT THING TO DO."***

**- GREG HAGGERTY, PE, DIBBLE ENGINEERING**

# Impact



## FOCE<sup>2</sup> supports a variety of activities that encourage our engineers

- FE Exam Fee reimbursement program
- Travel to professional meetings
- Mixers to help students make industry connections
- Student organizations' projects, competitions and outreach in the community
- Commencement luncheon honoring new graduates

*"FOCE<sup>2</sup> has been an invaluable resource for our student ASCE chapter at ASU. With their financial assistance, we have been able to make our annual conferences and competitions affordable for all of our members, subsidizing costs and creating scholarships for students that would not be able to attend otherwise. We are proud to have the support of FOCE<sup>2</sup>."*

- Connor Fegard, student, ASU Chapter of ASCE



# STANDING COMMITTEES

## ➔ Education



This committee seeks ways for practitioners to directly participate in the educational experience (e.g., in the classroom). Additionally, the committee evaluates the curriculum and identifies ways in which industry members can enhance the learning environment.

## ➔ Internship and Employment



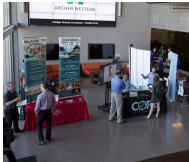
This committee works on ways to bring professional development and employment opportunities to students through internships and career-related discussions and experiences. The committee also works on ways to facilitate access of FOCE<sup>2</sup> members to students seeking employment.

## ➔ Membership and Resources



This committee identifies ways to retain and increase membership in FOCE<sup>2</sup> and to develop resources to help achieve the strategic goals of FOCE<sup>2</sup>, CESE and EVE. The committee helps develop discretionary income to initiate key programs, as identified by FOCE<sup>2</sup> committees, to improve the CESE and EVE undergraduate academic experience.

## ➔ Partnering



This committee develops relationships among students, faculty, alumni and industry practitioners. The committee aims to establish FOCE<sup>2</sup> as a focal point to enhance the quality of the professional environment by bringing ASU and the industry together to: 1) Address relevant issues in civil engineering, 2) Improve the public understanding of contributions of the civil engineering profession to society, and 3) Support project opportunities for capstone projects

# Contact Us

### Steering committee:

Bruce Larson, PE, Chair  
Bowman Consulting, Vice President  
blarson@bowmanconsulting.com

Ron Hilgart, PE, Past-Chair  
Hilgart Wilson, Managing  
Principal  
rhilgart@HilgartWilson.com

Frederick Tack, PE, Vice-Chair  
ASCE - Phoenix, President  
Frederick.Tack@ghd.com

### Standing Committees:

#### **Education**

Jim Gieser, PE, Chair  
Retired  
JimSilverbell@gmail.com

#### **Membership and Resources**

Michael Worlton, Chair  
GHD, Principal  
michael.worlton@ghd.com

#### **Internship and Employment**

Dan Meyer, PE, Chair  
Black & Veatch, Senior Vice  
President  
meyerdw@bv.com

#### **Partnering**

Frederick Tack, PE Chair  
ASCE - Phoenix, President  
Frederick.Tack@ghd.com

### Faculty Liaison

Keith Hjelmstad, PhD,  
Program Chair, CESE  
Keith.Hjelmstad@asu.edu



FALL 2019

# MEMBER LIST

ADOT

Alpha Geotechnical

American Society of Civil Engineers - Phoenix Branch

Atwell, LLC

Black & Veatch Corporation

Bowman Consulting

Burgess & Niple, Inc.

Carollo Engineers

CivTech Inc.

Coe & Van Loo Consultants, Inc.

Dibble Engineering

Entellus, Inc.

Gannett Fleming

Town of Gilbert

GHD Inc.

City of Glendale

Hilgart Wilson, LLC

Kimley-Horn & Associates

Markham Contracting Co., Inc.

Ninyo & Moore

City of Phoenix

Premier Engineering

Slater Hanifan Group

Speedie & Associates

T & S Diversified

Terracon

United Civil Group

Westland Resources, Inc.

Wood Environment & Infrastructure Solutions

Wood, Patel & Associates, Inc.



**Friends of Civil &  
Environmental  
Engineering**

*"Participation in FOCE<sup>2</sup> provides me a conduit to give back to the next generation of civil and environmental engineers and have a voice in recommendations to the departments to understand industry needs and direction."*

**- Frederick Tack, PE, ENV SP, GHD  
U.S. West Region Wastewater  
Business Leader**

