

# **OREGON STATE BOARD OF EXAMINERS FOR ENGINEERING AND LAND SURVEYING**

**Daren Cone, PE, PLS**  
*Board Member*

**Jenn Gilbert**  
*Interim Board Administrator*

**Eric Engelson**  
*Communications Coordinator*

# Agency Mission

**The mission of the Oregon State Board of Examiners for Engineering and Land Surveying (OSBEELS) is to regulate the practices of engineering, land surveying, photogrammetric mapping, and water right examination in the State as they relate to the welfare of the public in safeguarding life, health, and property.**



# Board Member Roster

**Shelly Duquette, PE, SE, *President***

**Christopher Aldridge, RPP, *Vice President***

**Daren Cone, PE, PLS**

**Jason Kent, PE**

**Logan Miles, PLS**

**Dr. Sean St.Clair, PE**

**Eric Austin, Esq.**

**Paul Gribbon, PE**

**Ron Stillmaker, PE**

**Amin Wahab**

***(1 Current PLS vacancy)***

- **The Board is comprised of members from all five Oregon Congressional Districts.**

# **OSBEELS at a glance**

## **History of OSBEELS**

- **Established in 1919**
- **Began licensing Professional Land Surveyors in 1944**
- **Agency departments include: Registration, Regulation, Accounts, Public Relations, and Operations**

## **Active Licensed Professionals**

***(As of February 2019)***

- **16,251 Professional Engineers**
- **1,195 Professional Land Surveyors**
- **392 Certified Water Right Examiners**
- **45 Professional Photogrammetrists**



# Board Meetings & Committees

- **Board meetings are held each odd-numbered month**
- **Committee meetings are held each even-numbered month**
- **Special Board meetings are held on an as-needed basis**

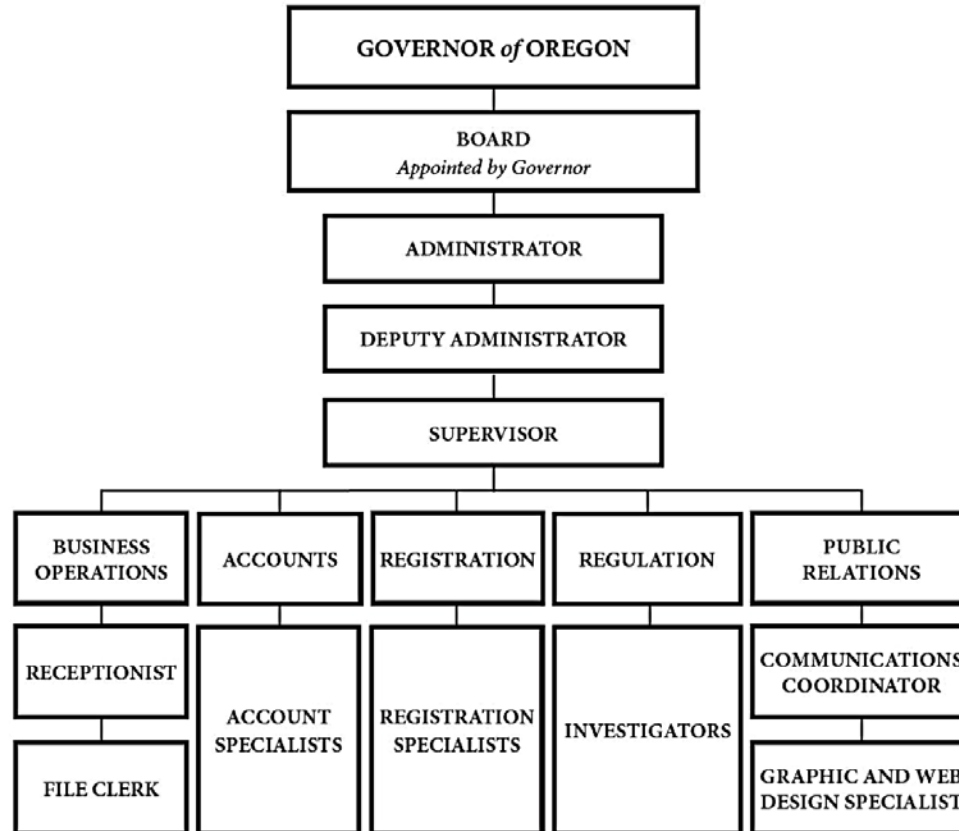
## **The standing Committees of the Board are:**

- **Examinations and Qualifications Committee**
- **External Relations Committee**
- **Finance Committee**
- **Law Enforcement Committee**
- **Professional Practices Committee**
- **Rules and Regulations Committee**

## **Recent and recurring Special Committees and Task Forces include:**

- **Customer Services and Communications Standards Task Force**
- **Legislative Task Force**
- **Oregon Specific Examination Task Force**
- **Photogrammetric and Remote Sensing Task Force**

# Agency Organization Chart



# Overview of Agency Performance

*\*Information in this section was pulled from OSBEELS's 2018 Semi-Independent Agency report to the Governor's office*

## Financial Data

### Revenue Sources

- **OSBEELS is funded primarily through application and registration fees.**

### 2015-2017 Biennium Budget vs Actual

**Limit for Expenditures (*adopted by rule in OAR 820-080-1000*)**

- **Budgeted Expenditures: \$3,250,000**
- **Actual Expenditures: \$3,072,423 – 5.5% less than budgeted**

**Revenue Generated: \$2,976,623**

### 2017-2019 Biennium Budget

- **Budgeted Expenditures: \$3,230,000**
- **As of March 31, 2019, Actual Expenditures are trending +4.5%**
- **As of March 31, 2019, Revenue Generated is on track as forecasted.**

### Budget Risks

The agency has two primary risk factors concerning its budget. The first is legal fees associated with litigations and Board-generated investigations. The second risk factor is due to transition of enterprise technology services to the Department of Administrative Services. This move caused an increase in expenses associated with enterprise security services, which has now been accounted for in the proposed 2019-2021 biennial budget.

# Board Fees

*The Board's rules pertaining to fees are found in ORS 672.155, OAR 820-010-0505, and OAR 820-080-0010.*

## Applications

**Professional Engineer, Land Surveyor, or Professional Photogrammetrist Registration - \$400.00**

**Additional Branch Fee - \$35.00**

**Certified Water Right Examiner Examinations and Certification - \$200.00**

## Examinations

**Oregon-Specific Acoustical Examination - \$55.00**

**Oregon-Specific Forest Examination - \$55.00**

**Oregon-Specific 4-hour Land Surveying Examination - \$55.00**

**Oregon-Specific Photogrammetry Examination - \$55.00**

## Renewals

**Professional Engineer, Land Surveyor, or Professional Photogrammetrist Biennial Registration Renewal - \$190.00**

**Certified Water Right Examiner Biennial Registration Renewal - \$40.00**

**Delinquency Renewal (For any part of each biennial registration renewal period during delinquency) - \$80.00**

## Other Fees

**Re-issuance of Professional Wall Certificate - \$35.00**

**Re-issuance of Pocket Card - \$10.00**

**Verification of Certification(s) and/or Registration(s) - \$15.00**

**Reinstatement for Inactive Registration or Certificate Holder - \$50.00**

**Reinstatement for Retired Registrant or Certificate Holder - \$225.00**

**Re-score of an Oregon-Specific Examination Item - \$50.00**

**Public Records Request - Varying**

# Board Fees Continued...

## Most Recent Registration Fee Adjustment

In September 2017, the Board approved proposed increases to the application for registration and biennial renewal fees for professional engineers, professional land surveyors and registered professional photogrammetrists, which became effective December 2017.

Application Fees before increase: \$360

Application Fees after increase: \$400

Biennial Renewal fees before increase: \$150

Biennial Renewal fees after increase: \$190

Prior to 2017, the Board last adjusted renewal fees in June 2012, *decreasing* them from \$180 to \$150.

# Summary of Agency Programs

- Registration
- Accounts
- Public Relations
- Regulation

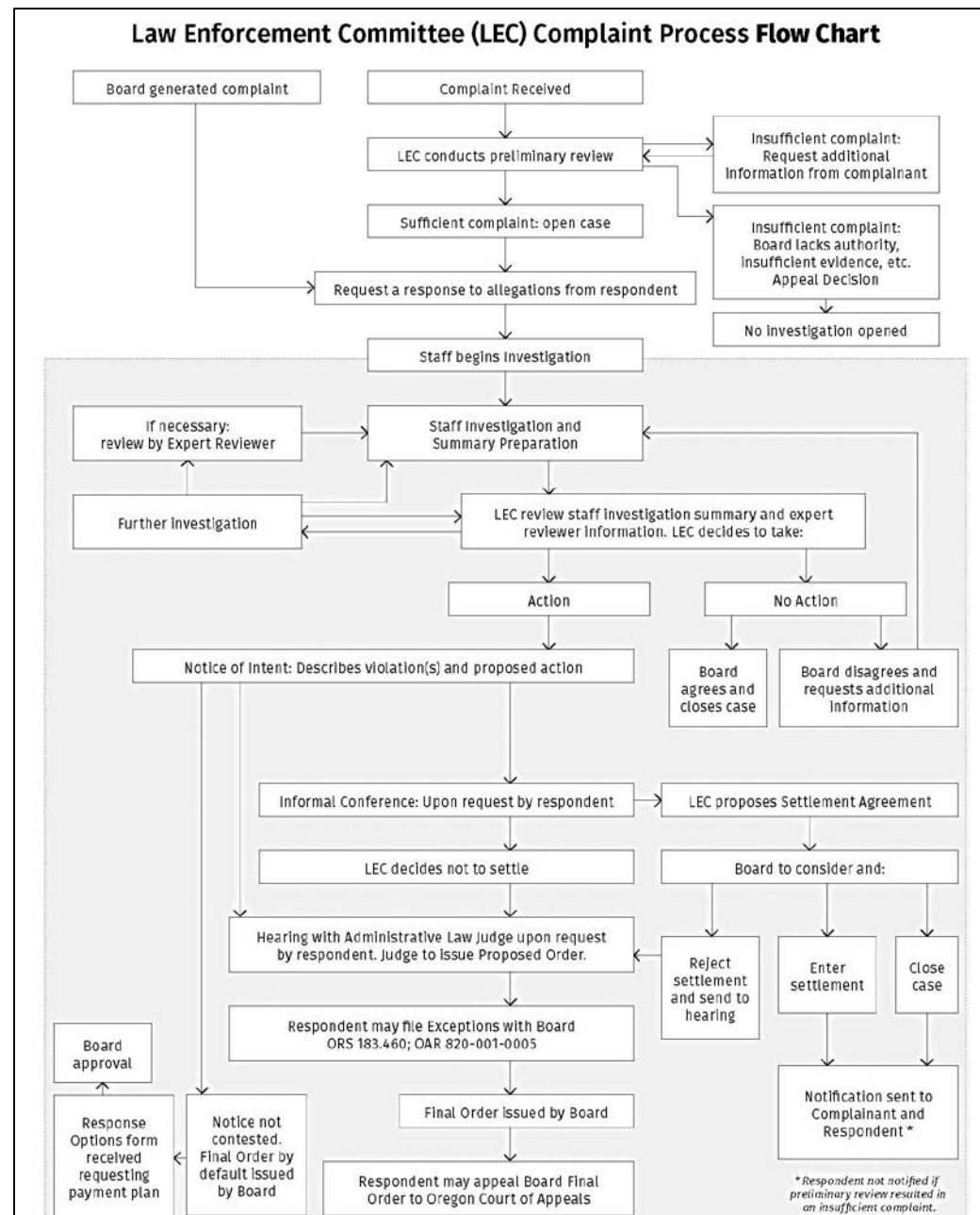


# Summary of Agency Programs

## Registration Data

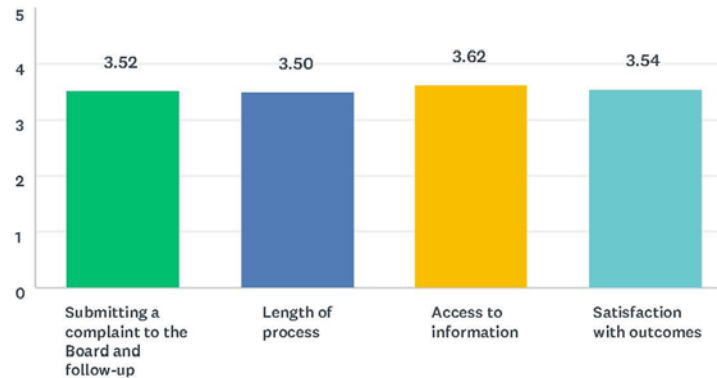
Registration	June 2005	June 2007	% Change	June 2009	% Change	June 2011	% Change	June 2013	% Change	June 2015	% Change	June 2017	% Change
<b>(a) The number of registration applications;</b>	<b>2602</b>	<b>2456</b>	-6%	<b>3244</b>	32%	<b>2874</b>	-11%	<b>2544</b>	-22%	<b>2374</b>	-7%	<b>2528</b>	6%
Application by first licensure	N/A	32		32		134		176		230		2052	
Applications by comity	1200	1225		1492		1329		1463		1274		214	
Applications by exam	1293	1104		1519		1143		905		870		262	
Applications by prior practice	109	95		201		268		0		0		0	
<b>The number of certification applications;</b>	<b>2312</b>	<b>1884</b>	-19%	<b>2804</b>	49%	<b>1705</b>	-39%	<b>1900</b>	-32%	<b>1401</b>	-26%	<b>705</b>	-50%
Applications for Engineering Intern	2176	1738		2709		1615		1818		1330		639	
Applications for Land Surveying Intern	106	124		62		70		49		44		34	
Applications for Certified Water Right Examiners	30	22		33		20		33		27		32	
<b>(b) The number of registrations issued;</b>	<b>1517</b>	<b>1433</b>	-6%	<b>1702</b>	19%	<b>1632</b>	-4%	<b>1495</b>	-12%	<b>1501</b>	0%	<b>1717</b>	14%
Professional registered Engineers	1465	1374		1535		1530		1396		1414		1641	
Professional registered Land Surveyors	52	40		80		102		99		87		76	
Professional registered Photogrammetrists	0	19		87		0		0		0		0	
<b>The number of certifications issued;</b>	<b>1061</b>	<b>870</b>	-18%	<b>1082</b>	24%	<b>823</b>	-24%	<b>1023</b>	-5%	<b>535</b>	-48%	<b>639</b>	19%
Engineering Intern certification	996	815		1028		769		972		497		586	
Land Surveying Intern certification	44	40		27		35		25		16		31	
Certified Water Right Examiner certification	21	15		27		19		26		22		22	
<b>(c) The number of registration examinations conducted;</b>	<b>1127</b>	<b>1012</b>	-10%	<b>1275</b>	26%	<b>784</b>	-39%	<b>593</b>	-53%	<b>620</b>	5%	<b>179</b>	-71%
<b>The number of certification examinations conducted;</b>	<b>2154</b>	<b>1737</b>	-19%	<b>2486</b>	43%	<b>1062</b>	-57%	<b>1235</b>	-50%	<b>1188</b>	-4%	<b>692</b>	-42%
<b>(d) The average time between application for and issuance of registration;</b>	<b>84 days</b>	<b>83 days</b>		<b>101 days</b>		<b>79 days</b>		<b>78 days</b>		<b>75 days</b>		<b>43 days</b>	

# Regulation Data



## Q5 Rate your experience with OSBEELS Law Enforcement

Answered: 685 Skipped: 2



2018	3.25 +0.27	3.13 +0.37	3.40 +0.22	3.29 +0.25
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### TOTAL RESPONSES

712 (2019) vs. 464 (2018)

Law Enforcement satisfaction increased the most

Email the highest preference for communication (and rising)

Every Department saw increases in satisfaction

## Law Enforcement Cases by the Numbers

### Length of Case

(Avg. # of days between when a case was opened and when a resolution was reached)

2013: 512 days

2015: 525 days

2017: 382 days

### # of Complaints Received

2013: 117

2015: 157

2017: 170

### # of Cases Resulting in Disciplinary Action(s)

2013: 80

2015: 125

2017: 40

### # of Open Cases

February 2016: 58

February 2017: 65

February 2018: 81

February 2019: 51

# Summary of Proposed Legislation

## House Bill 3143

House Bill (HB) 4143 revises definitions regarding activities and oral representations constituting practice of engineering, professional engineering, or land surveying.

This legislation is the result of the Board's recent litigation involving Mr. Mats Jarlstrom and is intended to act a resolution for the order issued by U.S. Magistrate Judge Stacie F. Beckerman.

**Fiscal Impact:** There should be no fiscal impact to this proposed legislation.

## Senate Bill 39

Senate Bill (SB) 39 proposes to revise the language in ORS 672.060, which is the section of OSBEELS's statutes containing exemptions from licensure. SB 39 does not change the activities that are exempt from licensure.

**Fiscal Impact:** There should be no fiscal impact to this proposed legislation.

## House Bill 2454

HB 2454 proposes to allow out-of-state applicants seeking occupational license in Oregon more time to meet Oregon standards if applicant is already licensed in another state and is seeking to work in Eastern Oregon Border Economic Development Region.

**Fiscal Impact:** Unlikely fiscal impact, but no statement yet issued.

# Summary of Proposed Legislation

## Senate Bill 896

**SB 896 proposes to authorize issuance of certificate of restricted registration as professional engineer. Describes scope of restricted registration. Sets forth qualifications for restricted registration. Identifies grounds for refusal of restricted registration and for disciplinary action against holder of restricted registration. Makes educational and technical qualifications for renewal of registration as professional engineer applicable for renewal of restricted registration. Authorizes fee for restricted registration.**

**Reduces out-of-state registration or licensing period necessary to qualify for waiver of fundamentals of engineering examination. Requires that applicant for waiver not have record of discipline for negligence or incompetence in practice of engineering.**

***Fiscal Impact:* May have fiscal impact, but no statement yet issued.**

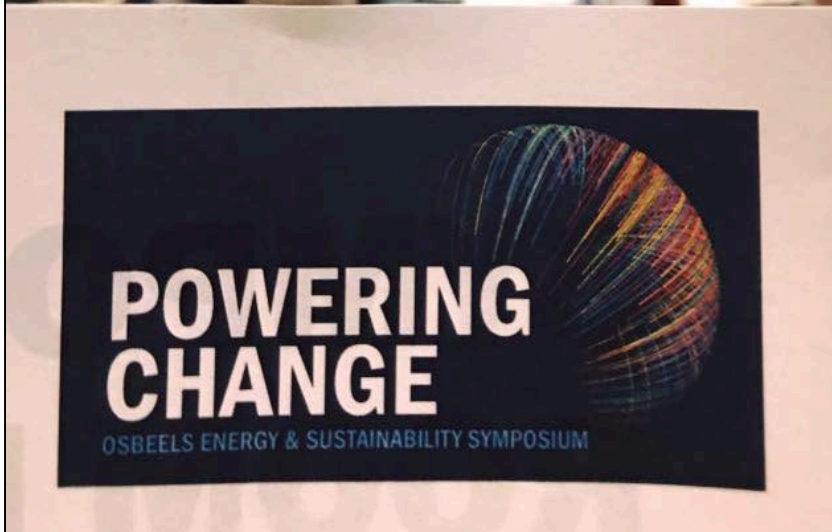
## House Bill 3030

**HB 3030 proposes to allow professional licensing boards the ability to issue temporary authorization to spouses of members of Armed Forces of United States stationed in Oregon and who holds out-of-state authorization to provide occupational or professional service.**

***Fiscal Impact:* May have fiscal impact, but no statement yet issued.**

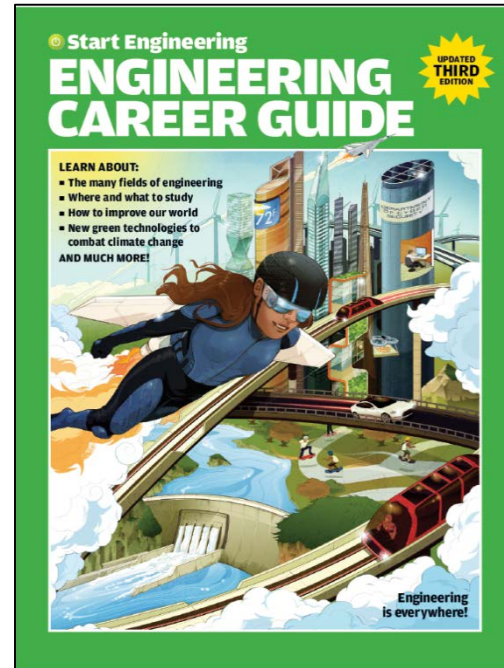
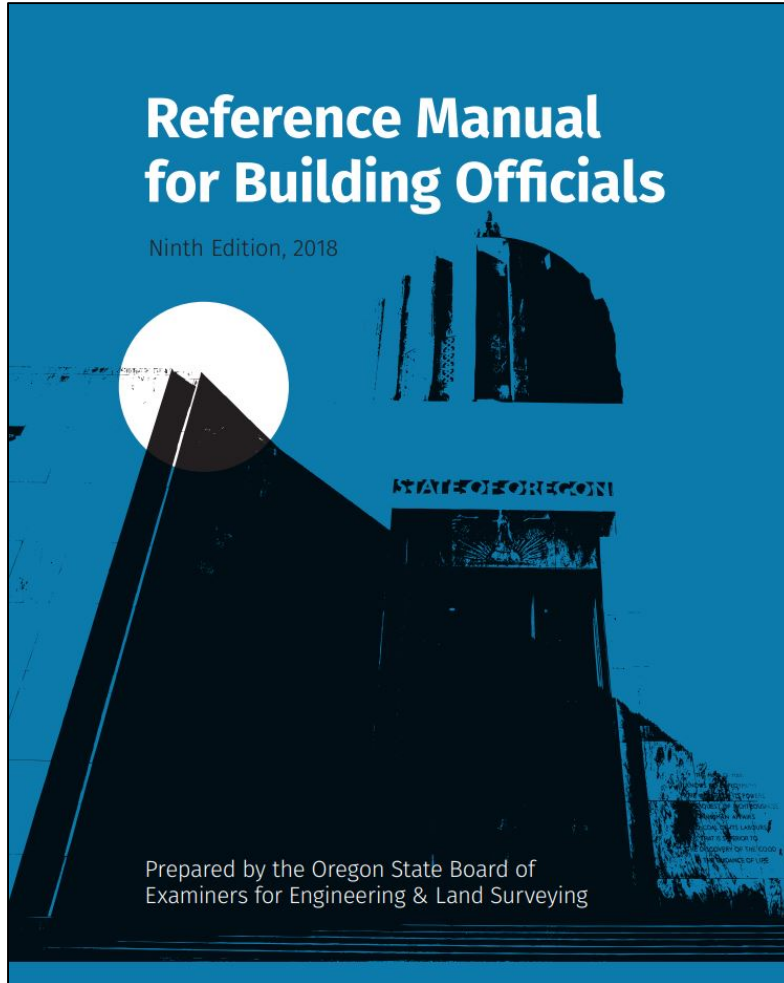
# Description of Board Activities to Promote Consumer Protection

## Activities Completed in the Most Recent Biennium: Professional Development Programs

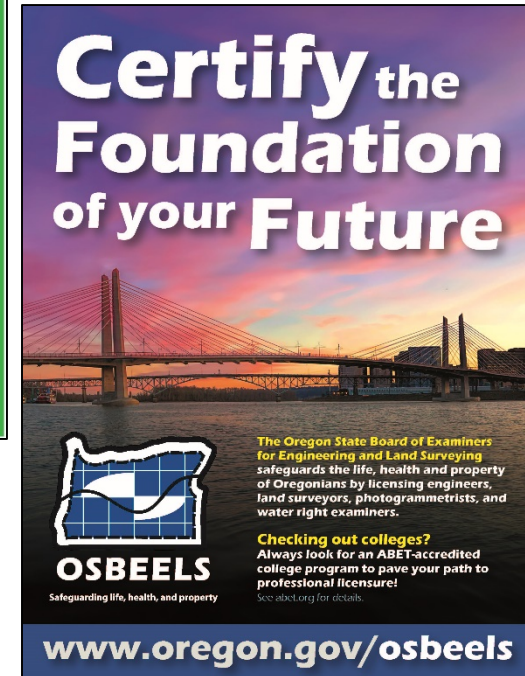


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# Description of Board Activities to Promote Consumer Protection Continued...



## Board Publications



**OSBEELS**


# Description of Board Activities to Promote Consumer Protection Continued...

### Land Surveying With Drones

Unmanned Aircraft Systems (UAS), such as drones, have become a tool for land surveying and photogrammetry mapping professionals and to increase photo mapping efficiency and improve accuracy to measure the surface of the Earth.

Well suited and complementary to traditional surveying technologies, UASs provide a means for hobbyists and certified operators to enter into the land surveying and photogrammetry industries and provide innovative services. However, when a new technology is introduced to a longstanding public service, the public and organizations must understand industry regulations and the necessary professional license to legally provide services to the public.

In this brochure the Oregon State Board of Engineering and Land Surveying (OSBEELS) aims to outline the longstanding regulations and professional licensure requirements for professional land surveying.



### Useful Resources

Federal Aviation Administration – UAS  
[FAA.gov/uas/](#)

State of Oregon Dept. of Aviation  
[Oregon.gov/aviation](#)


Oregon State Board of Examiners for Engineering and Land Surveying  
[Oregon.gov/osbeels](#)


Oregon House Bill 4055 – Definition of an UAS  
[bill.v/04055](#)

Oregon Administrative Rules 820 – Engineering and Land Surveying  
[bill.v/080820](#)

Oregon Revised Statute, Chapter 672 – Professional Engineers, Land Surveyors, Photogrammetrists, Geologists  
[bill.v/080672](#)

### Unmanned Aircraft Systems and Land Surveying Regulations






**Oregon**  
BOARD OF EXAMINERS  
FOR ENGINEERING &  
LAND SURVEYING

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## Board Publications



The Oregon  
**Examiner**

Spring 2017

**PUBLISHED BY THE OREGON STATE BOARD OF EXAMINERS FOR ENGINEERING AND LAND SURVEYING**

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#### Board Members

Jason J. Kent, PE, President  
Christopher D. Aldridge, RPP  
William J. Boyd, Public Member  
Shelly MC Duquette, PE, SE  
Ken W. Hoffman, PE/PLS/OWRE  
Logan T. Miles, PLS  
Don Smith, PLS

### May Board meeting to be held at Oregon State University

The upcoming OSBEELS Board meeting on Tuesday, May 9, will be held at Oregon State University in Memorial Union Hall's Jack Porter Board room. The meeting will begin at 9 a.m. and will be held in conjunction with OSU's College of Engineering.

Memorial Union Hall is located on the Corvallis campus at 112 Memorial Union Corvallis, OR 97331. The building is located northeast of the 26th St. and Jefferson Way Intersection. Registrants and the public are encouraged to attend this special Board meeting.



### PROFESSIONAL ENGINEER LICENSING PROCESS



#### Minimum Qualifications

**PASS 2 EXAMS**

NCEES FE Exam  
+  
Approved PE Exam

See OAR 820-010-1000 and OAR 820-010-1010

AND

**QUALIFYING COMBINATION OF EDUCATION + EXPERIENCE**

**Most Common Combination:**  
ABET-Accredited 4-year degree  
+  
4 years of qualifying experience

See OAR 820-010-1020 for all qualifying combinations of education and experience

### PROFESSIONAL LAND SURVEYOR LICENSING PROCESS



#### Minimum Qualifications

**PASS 3 EXAMS**

NCEES FLS Exam  
+  
NCEES PLS Exam  
+  
OR-Specific Exam

See OAR 820-010-2000 and OAR 820-010-2010

AND

**QUALIFYING COMBINATION OF EDUCATION + EXPERIENCE**

**Most Common Combination:**  
ABET-Accredited 4-year degree  
+  
4 years of qualifying experience

See OAR 820-010-2020 for all qualifying combinations of education and experience

# OSBEELS

# Description of Board Activities to Promote Consumer Protection Continued...

## Student & Educational Activities



### Other Activities:

- Process & Service Delivery Improvements
- Addressing Questions Submitted to the Board
- Public Outreach
- Working with Professional Organizations



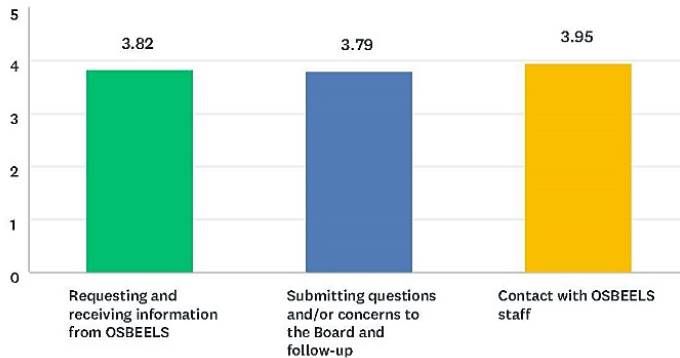
**OSBEELS**

# Description of Board Activities to Promote Consumer Protection Continued...

## Professional and Public Surveys

Q1 Rate your experience with OSBEELS Customer Service

Answered: 687 Skipped: 0



### TOTAL RESPONSES

712 (2019) vs. 464 (2018)

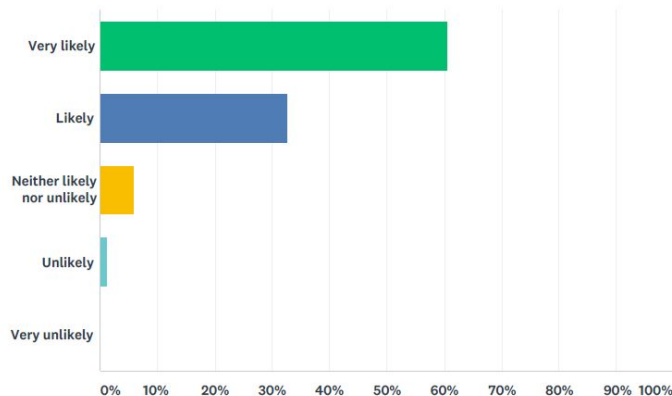
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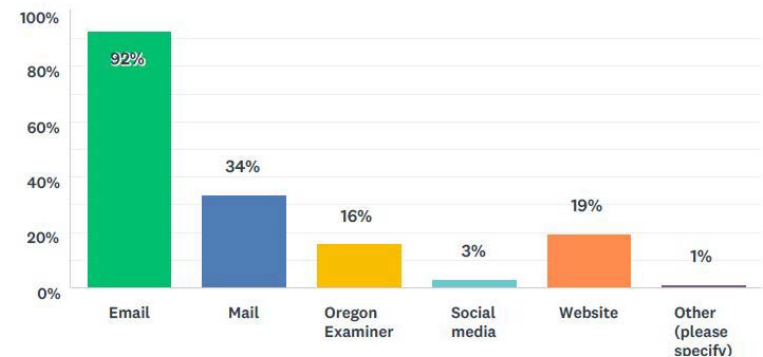
Q3 How likely would you recommend the OSBEELS Symposium to a friend or colleague?

Answered: 86 Skipped: 2



Q4 How do you prefer to receive information from OSBEELS?

Answered: 684 Skipped: 3



# OSBEELS