

Oregon State Board of Geologist Examiners

Professionals in Service to Oregonians Since 1977



What do we have to offer today?

Board members collectively have lots of experience in the geosciences and are here to share that with you.

- **Why is registration (aka licensure) important?**
- **What public benefits does registration provide?**
- **What can registration mean for you?**

History of Registration in Oregon

Mission: To “safeguard the health and welfare and property of the people of Oregon”



- Laws Governing Practice of Geology Enacted 1977
- Oregon Revised Statute 672.505 to 672.991
- Oregon Administrative Rules Chapter 809

Registration: Why in Oregon?

...so those practicing have met minimum standards of competence to protect public health, safety, and welfare.

....so that citizens, agencies, businesses, & design professionals can rely on geological work being performed

...so there is a legal responsibility for the quality of the work performed for the public and a public process to address problematic work

...to serve as a path to promote best practices and ethics in the profession.

OSBGE: Mission Statement

- License public practice of geology
- Respond to complaints
- Provide education to the regulatory community
- Cooperate with Boards and Commissions
- Promote ethics
- Provide outreach

OSBGE: Who Are We?

- **Semi-Independent Board / Governor Appointed**
- **Fee Supported / Self-Sustaining – No Taxpayer Burden**
- **Volunteers from Community and Profession**



2014 Board Members

- Peter Stroud, RG, CEG (Kleinfelder), Chair
 - Kenneth Thiessen, RG, CEG (ODEQ) , Vice Chair
 - Hans Feige, RG (Feige & Assoc.)
 - Scott Burns, PhD, RG, CEG (Portland State Univ.)
 - Vicki McConnell, PhD, RG, State Geologist (ex officio)
 - Steve Tucker, Public Member (Cascade Radon, Inc.)
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Staff

Administrator: Christine Valentine, MS (OSU)

Registration Specialist: Marilou Arrobang

Who must be registered ?

Individuals engaged in the public practice of geology:

- Performance for another of geological service or**
 - Work related to public welfare or safeguarding of life, health, property and the environment, except as specifically exempted**
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Exemptions

- **Federal or tribal employees working solely on employment-related projects**
- **University professors working solely on employment-related teaching and research**
- **Subordinates to Registered Geologists and report scriveners**
- **Private citizens providing testimony at public hearings as part of their free-speech rights**

Registrations Offered

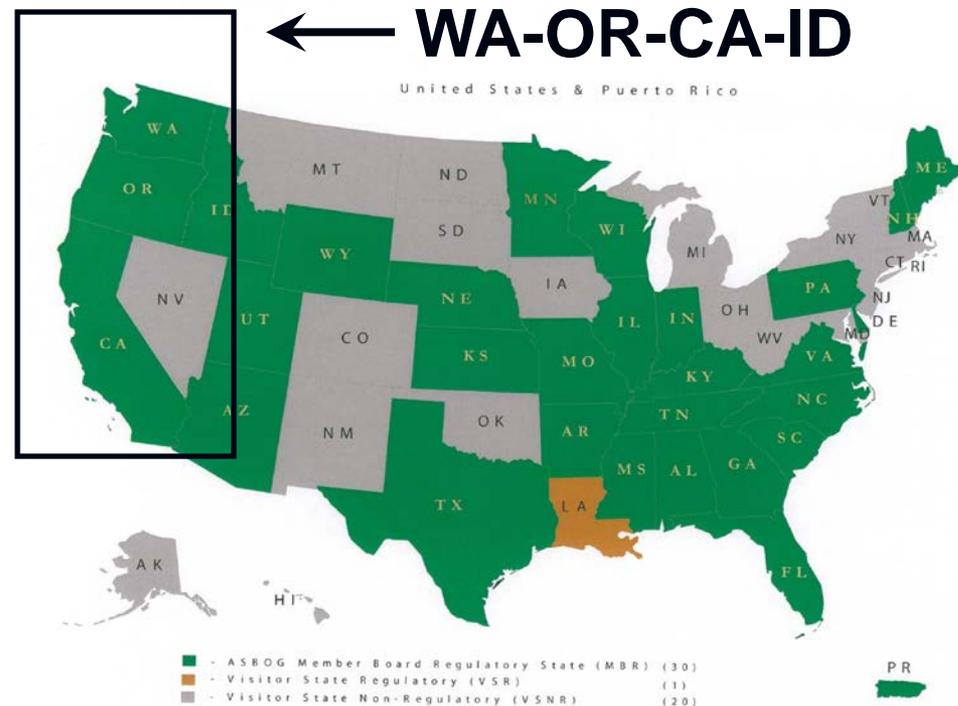
- Geologist-in-Training (GIT)
- Registered Geologist (RG)
- Certified Engineering Geologist (CEG)





Standardized Testing Assoc. of State Boards of Geology

- 29 States & Puerto Rico
- Oregon has been a member since 1990
- Nationally standardized exam by ASBOG
- Council of Examiners meets twice annually to review Fundamental & Practice exam sections



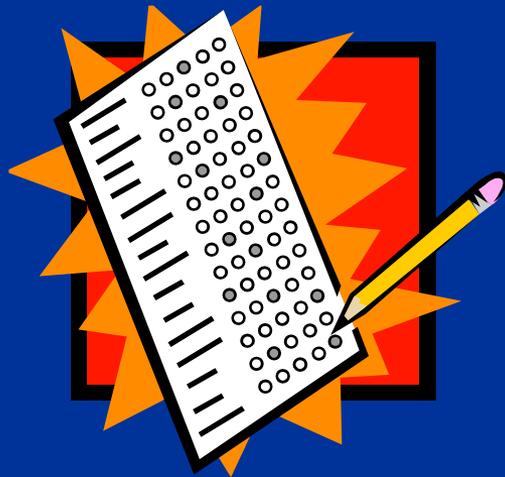
ASBOG Exam

offered twice per year (Spring, Fall)

Fundamentals

(GIT)

- Meet coursework requirement



Practice

(RG)

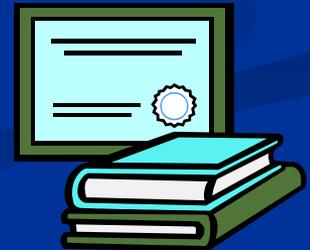
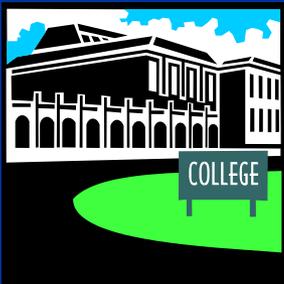
- Meet coursework requirement
- 5 years of experience
- ◆ graduate study (2 yr.)
- ◆ work experience (3 yr.)

Geoscience Coursework

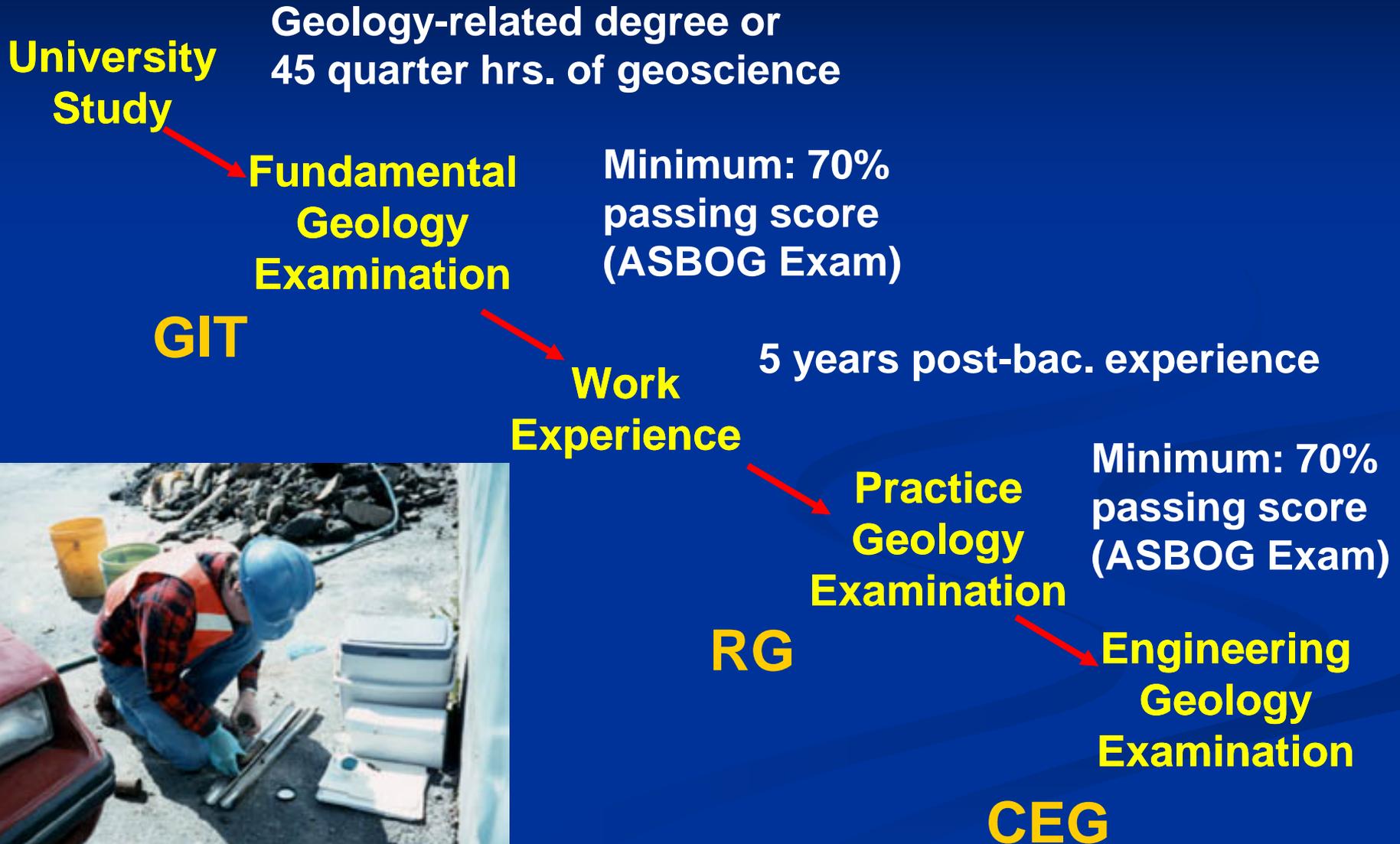
45 qtr.. hrs., w/ 80% “upper division”

from following list or as approved by Board

- Coastal processes;
- Engineering geology;
- Geology field methods;
- Geology field camp;
- Geomorphology;
- Geophysics;
- Geostatistics;
- Glacial geology;
- Hydrogeology;
- Marine geology;
- Mineral exploration;
- Mineralogy;
- Paleopedology/ Paleosols;
- Petrography;
- Petrology;
- Remote sensing;
- Sedimentology;
- Stratigraphy;
- Tectonics;
- Economic geology;
- Environmental geology;
- Geology field camp;
- Geomorphology;
- Geostatics;
- Historical geology;
- Lithology;
- Mineral exploration;
- Paleopedology/ Paleosols;
- Planetology;
- Rock mechanics;
- Seismology;
- Structural geology;
- Volcanology.



Registration Requirements



Engineering Geologist Exam

- Must be a Registered Geologist (RG)
- Requires work experience in engineering geology, generally under a CEG
- Oregon – Washington share the exam
- Offered twice per year, same dates as ASBOG

Where do RGs work?



- Private Individuals
- Consulting Firms
- Local, State, Federal, & Tribal Agencies
- Developers, Industries, Corporations
- Mining and Petroleum Companies

What types of public projects do RGs work on?

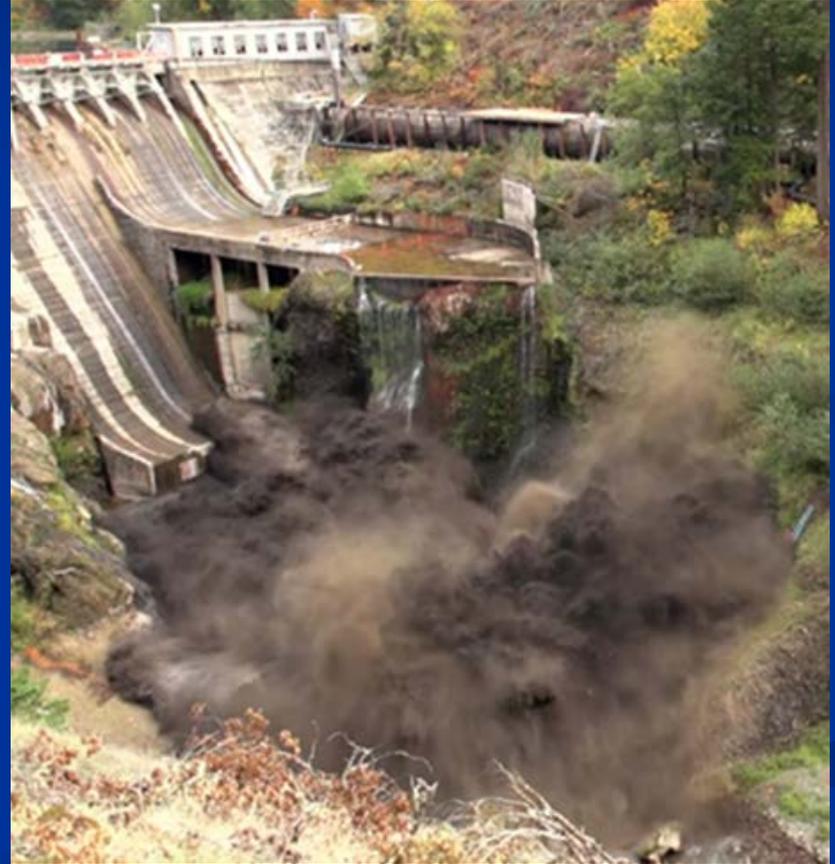
- Water Resource Evaluation
- Aquifer Characterization
- Watershed Analysis
- Mining and Petroleum
- Environmental Remediation
- Hazards Assessment
- Seismic Evaluation
- Land Stability Studies



What types of public projects do CEGs work on?

Apply geologic data and factors affecting planning, design, construction, and maintenance of civil engineering works.

- Dam construction / removals
- Bridges / roadways
- Buildings
- Power plants
- Landslides affecting structures



Condit Dam Breach

OSBGE Registrant Statistics

- **Active Registrants = 1225***
GIT = 53; RG = 1172,
269 RGs are also CEGs
(*This is a snapshot from 11/10/14.)
- **Annual New Registrants**
(GIT = 10 to 15; RG = 40 to 45; CEG = 5 to 10)
- **Annual Examinees**
(FG = 30 to 35; PG = 15 to 20; EG = 2 to 6)



OSBGE Outreach

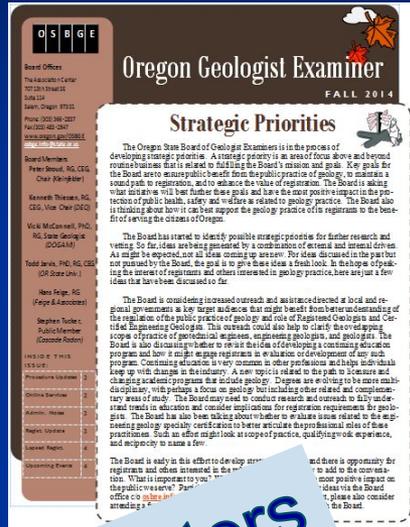
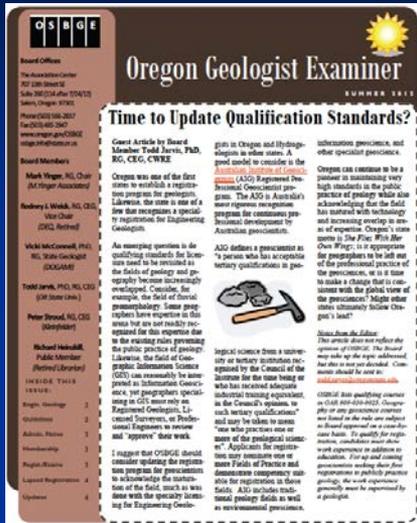
- ASBOG Participation
- City and County Outreach
- State Agency Outreach
- University Outreach
- Coastal Hazards Group



Oregon Registered Geologists

*Protecting state resources for
future generations*

Professional Engagement



PROF. GUIDELINE DOCUMENTS

- Guidelines for Preparation of Engineering Geologic Reports, 2nd Edition, 5/30/14
- Geologic Report Guideline, 2nd Edition, 5/30/14
- Hydrogeologic Report Guideline, 2nd Edition, 5/30/14
- Professional Practices Guidance, 5/30/14

Quarterly Newsletters

Available at: <http://www.oregon.gov/OSBGE/Pages/index.aspx>

Contact Information

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QUESTIONS ?



Marmot Dam Removal