

# Alliance Update: The Geo-Institute of ASCE

## ASFE's Winter Meeting

2:00 PM - 2:15 PM October 6, 2011



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# Program Abstract

ASFE has made extraordinary progress in the development of alliances (partnerships and working relationships) of geoprofessional organizations that, like ASFE, are committed to tackling marginalization and commoditization head-on. In this **brief** presentation, Geo-Institute of ASCE President Phil King will update us on activities essential to achieving our common purpose.



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# The Institutes of ASCE



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G-I - October 1, 1997

SEI - October 1, 1997



STRUCTURAL  
ENGINEERING  
INSTITUTE



ARCHITECTURAL  
ENGINEERING  
INSTITUTE

AEI - October 1, 1998

EWRI - October 1, 1999



ENVIRONMENTAL &  
WATER RESOURCES  
INSTITUTE



COASTS, OCEANS,  
PORTS AND RIVERS  
INSTITUTE

COPRI - October 1, 2000

CI - October 1, 2000



CONSTRUCTION  
INSTITUTE



TRANSPORTATION  
& DEVELOPMENT  
INSTITUTE

T&DI - October 1, 2002

EMI - October 1, 2007



ENGINEERING  
MECHANICS  
INSTITUTE



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# Geo-Institute's Core Purpose

**To Advance the  
Geo-Professional Community**



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# ASFE's Core Purpose

**Maximize the Geoprofession's  
Importance and Value to the  
Marketplace**



# Geo-Institute Governors

- Philip G. King, P.E., D.GE, F.ASCE, *President (ASFE)*
- Larry Jedele, P.E., D.GE, M.ASCE, *Past President (ASFE)*
- Craig H. Benson, Ph.D., P.E., D.GE, F.ASCE, *Treasurer*
- William M. Camp III, P.E., M.ASCE **(ASFE)**
- Barbara Luke, Ph.D., P.E., M.ASCE
- Allen Cadden, P.E., D.GE **(ASFE)**
- Patricia J. Culligan, Ph.D., M.ASCE
- William F. Marcuson, Ph.D., P.E., NAE
- Robert Schweinfurth, M.ASCE, *Director, Board Secretary*



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# Geo-Institute Staff

- Rob Schweinfurth – Director
- Linda Bayer – Manager
- Helen Cook – Board and Program Specialist
- Liz Schulz – Coordinator
- Elizabeth Cuscino – Administrative Specialist



# G-I Organizational Members

## All 58 Members!!!!

- AECOM
- AMEC Geomatrix
- Anderson Drilling
- Ardaman & Associates, Inc.
- Bechtel
- Bentley Systems
- Brayman Construction Corporation
- CH2M Hill
- Con-Tech Systems, Ltd.
- D'Appolonia
- DBM Contractors, Inc.
- ECS Limited
- Envirocon, Inc.
- Fudo Construction, Inc.
- Fugro Consultants, Inc.
- GRL Engineers, Inc./Pile Dynamics
- Gannett Fleming, Inc.
- Geocon Incorporated
- Geokon, Inc.
- Geopier Foundation Company





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# Organizational Members

- Geo-Solutions, Inc.
- GeoStructures, Inc.
- Geosyntec Consultants
- Geotechnology, Inc.
- Geoteknik
- Golder Associates Inc.
- Haley & Aldrich, Inc.
- Hayes Drilling, Inc.
- Hayward Baker Inc.
- HB Wick Drains, Inc.
- Insulfoam
- Kleinfelder, Inc
- Langan Engineering & Environmental Services, Inc.
- Layne GeoConstruction
- Loadtest, Inc.
- Lodex Engineering
- Malcolm Drilling Company, Inc.
- McKinney Drilling Company
- McPhail Associates, Inc.



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# Organizational Members

- Menard, Inc.
- Moretrench
- NTH Consultants, Ltd.
- Nicholson Construction Company
- PB Americas, Inc.
- RADISE International, L.C.
- The Reinforced Earth Company
- Rembco Geotechnical Contractors, Inc.
- S&ME Inc.
- Sanborn, Head & Associates, Inc.
- Schnabel Engineering
- Schnabel Foundation Company
- Soil and Materials Engineers, Inc.
- Strata Systems, Inc.
- Tencate Geosynthetics
- Terracon, Inc.
- Terra Insurance Company, A Risk Retention Group
- URS Corporation
- ZETAS Zemin Teknolojisi A.S.



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# 2010...2011

The Geo-Institute...  
Working Hard For The  
Geoprofession





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# Member Engagement

Building strong relationships with G-I  
Chapters, Local Sections and Branches by:

- Formation of Local Involvement Committee
- Site Visits to Geotechnical Groups
- Participating in Geotechnical Group Events
- Chapter, Younger Member and Student Summit
  - July 15-16, 2011 St. Louis, MO



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# Member Engagement

## Strong Focus on Student and Younger Member Involvement

- Student and Younger Member Participation Committee
- *Student Participation Fund* Providing Funding for:
  - Technical Committee Meetings
  - Geo-competition Events
  - Travel Grants (YMs, GSOs, Regional Events)
  - OMC and Student Reception
- Younger Member Reception



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# Member Engagement

## Strategic Task Forces Underway

- Annual Meeting – Report
- Geoprofessional Foundation (*Value Proposition*)
- Website
- Women's Geotechnical



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# Member Engagement

## New Activities & Events Coming Soon!

- Annual Cross USA Lecture Series
  - Fall 2011
- GeoCongress 2012
  - March 25-29, Oakland, CA
- Focus on Continuing Education
- Website Revamp and Enhancement



# Achievements

## Conferences

- GeoFlorida 2010
  - 850 Attendees
  - 83 Exhibitors
  - 171 Students
  
- GeoFrontiers (Dallas) 2011
  - 1,923 Attendees
  - 129 Exhibitors
  - 319 Students





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# Recent Achievements

## Enhanced Student / Younger Member Program

- Increased Participation in GeoCongress
- Change to Student and Younger Member Participation Committee
- Dedication of Voluntary Contributions
- \$100,000 Contribution from GI & ASCE



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# Two Journals

## ***Journal of Geotechnical and Geoenvironmental Engineering (JGGE)***

Patrick Fox, Editor-in-Chief

University of California-San Diego



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# JGGE

## Typical JGGE metrics:

- Highest circulation of geotechnical journals
- Largest of ASCE journals
- New manuscripts = 611; revised = 422
- Acceptance rate = 28%
- Impact factor = 1.09
- EBMs → Associate Editors



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# IJOG HIGHLIGHTS

## ***International Journal of Geomechanics (IJOG)***

Musharraf Zaman  
Editor-in-Chief, IJOG



# Geo-Institute Financial Data

- **2011 Projected Income** **\$ 815,155**
- **2011 Projected Expense** **\$ 873,664**
- **Reserves (Projected 2011)** **\$ 431,204**

**Summer 2011: \$46,391 for Chapter / Young Member / Student Summit in St. Louis**

**Mandate that reserve fund remains less than 50% of expenses. Overage is transferred to ASCE.**

# FY11

## Revenue



Conferences  
(143.8)

Cont Ed  
(35.0)

Contrib  
(15.0)

Base  
(68.2)

Memberships  
(162.3)

**FY11 Revenues  
(Estimated)**

Publications  
(225.0)

Mkt & OM  
(19.0)

Tech Comm  
(82.7)

Pubs  
(33.2)

Student Participation  
(22.8)

Special  
(65.1)

Task Forces  
(15.5)

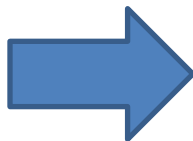
Board  
(84.4)

**FY11 Expenses  
(Estimated)**

Operations  
(380.6)

# FY11

## Expenses





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# Financial Summary Points

- Focus on using revenue to benefit membership
- Grow continuing education
- Investing in ASFE-GI Value Proposition



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# ISSMGE Fund

Endowment Fund Balance:

\$398,258 as of 12/31/2009

\$428,015 as of 12/31/2010

The endowment Fund may be used for:

- International Activities of the G-I;
- National and International Programs that Enhance the Practice of Geotechnical Engineering; and,
- Technical Conferences and Publications for the Purpose of Raising Additional Funds.

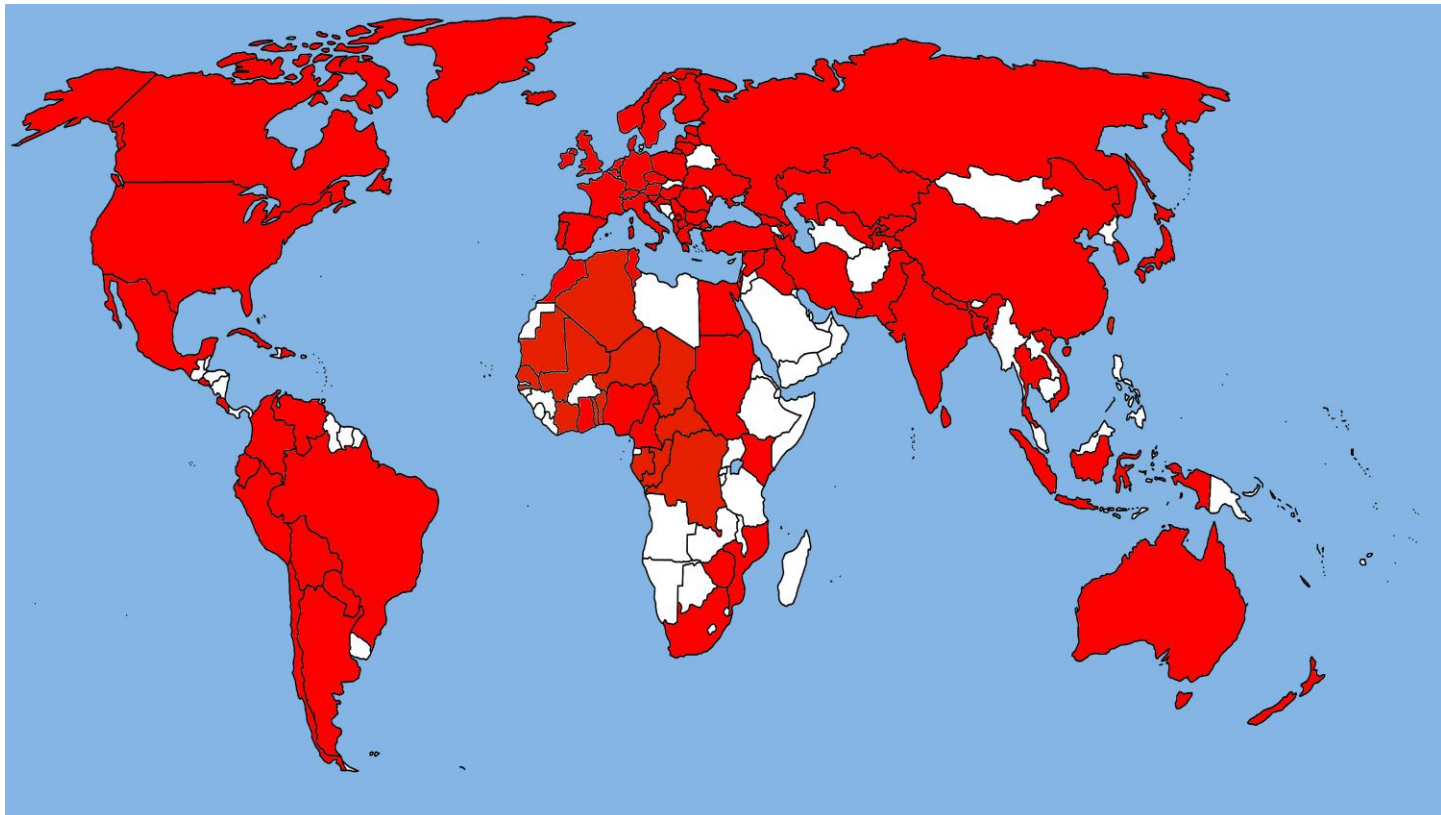




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## ISSMGE today

**88 countries, ~19,000 members,  
30 Technical Com., 25 Corporate Associates**





# **Advanced Professional D.GE Certification**

What It Is, Why It's Important

The Academy of Geo-Professionals

# About AGP

AGP was founded members of ASCE's Geo-Institute who are practicing geotechnical professionals to improve the practice, elevate the standards, and advance the profession of geotechnical engineers.



# Background

The Academy was created to offer the Diplomate, Geotechnical Engineering (D.GE) credential that provide professional engineers an opportunity to gain further recognition in the broad field of geotechnical engineering.



# AGP's Goals

- Identify and certify engineers with specialized knowledge in geotechnical engineering for the benefit of the public
- Recognize the ethical practice of geotechnical engineering at the expert level
- Enhance the practice of geotechnical engineering
- Support and promote positions on geotechnical engineering issues important to the public health, safety, and welfare
- Encourage life-long learning and continued professional development



# AGP Requirements

- Must have 8 or more years of work experience (post licensure) in an aspect of geotechnical engineering
- Be actively engaged in the professional practice of geotechnical engineering and high ethical standing in profession
- Possess a bachelor's degree in engineering\*\* or a related science + either a masters/doctorate degree or 30 graduate level credit hours

*\*\* non engineering degrees require approval from the AGP admissions committee.*





# AGP Requirements

- Possess a valid license to practice professional engineering in the United States
- A commitment to professional ethics
- Submit a completed application, all fees and supporting documentation  
*[www.geoprofessionals.org](http://www.geoprofessionals.org)*
- May be required to take an oral examination



# ASCE Policy

- The requirements are consistent with ASCE's commitment to "Raising the Bar" for professional practice. (ASCE Policy 465)
- AGP's requirements also rely heavily on ASCE's Body of Knowledge:
  - Technical Knowledge
  - Project Management
  - Business, administration
  - Leadership





# Why Become a D.GE?

- Demonstrate your mastery of geotechnical engineering and your commitment to stay up to date on new technological innovations in the field
- Exhibit your commitment to high ethical and professional standards
- Highlight your skills to employers and clients—helping you stand out in the field
- Demonstrate your strong commitment to professionalism through continuing professional development requirements
- Increase your professional value



# AGP

## Board of Trustees



1st Row L to R: Arlan Rippe, T. Michael McMillen, John Anderson, R. Robert Holtz  
2nd Row L to R: Larry Jedele, S. Scot Litke, Robert Thompson, Steven Thorne



# Summary

- Become part of a growing and important certification program
- Be recognized for your expertise as a geotechnical engineer
- Help “raise the profession” by becoming a Diplomate



# For More Information

Visit [www.geopprofessionals.org](http://www.geopprofessionals.org)

Email [info@geopprofessionals.org](mailto:info@geopprofessionals.org)

or call (703) 295-6314





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# Questions?

[www.geoinstitute.org](http://www.geoinstitute.org)

