

Preliminary Geo-Institute Actions in Response to the Geo-Trends Workshop Report

ISSUE	ACTION ITEM (s)	DESCRIPTION	SUPPORTS ASCE GOAL	SUPPORTS G-I GOAL	G-I PRIORITY	G-I ACTION RECOMMENDED	COMMENT
Accelerated Construction	1.1, 1.3, 1.4	Accelerated construction universal statement (include ISO 9001 and case studies)	H	C	Medium to High	Develop universal statement / white paper	Also, consider a standard format case history compilation effort (include extreme event items)
Geotechnical Asset Management	2.1 thru 2.16	Infrastructure maintenance and management initiatives	A	C	Low	Create a Task Force (TF) to develop G-I involvement recommendations	
Context Sensitive Issues	3.1	Geo-professionals should be educated regarding such non-technical issues.		C6	Medium to High	TF to develop white paper on these non-technical issues	These are both national and local issues. Consider regional conferences to address planning and permitting
	3.2	Branding effort regarding value of geo-professionals in planning and permitting issues		C6	High		

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Cost Analysis	4.2, 4.3	GBR concept endorsement and workshops, guidance documents		C	High	Develop and publish a G-I policy statement	Cooperate with ADSC through TGC
Extreme Events	5.1	Extreme event hazard mitigation policy statement	A	B3	Medium to High	G-I TF to develop extreme event hazard mitigation policy statement	Work with ACSE policy committee
	5.2	Geotechnical issues in extreme event hazard mitigation white paper	A	B3	Medium to High	G-I TF to develop geotechnical issues in extreme event hazard mitigation white paper	Work with TGC
	5.3	Best practices for extreme event mitigation	A	B3	Medium to High	G-I TF compile best practices document	Work with ASFE
	5.4	Work best practices into land use planning and building codes	A	B3	Medium to High	Joint G-I / AEG TF to study issues and develop recommendations	

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Extreme Events	5.5	Companion document on geotechnical considerations to TISP regional disaster resiliency document		C	High	Additional discussion w/Ed Kavazanjian is needed.	
	5.6	Regional workshops on IPET risk and reliability procedure	A	A	High	Webinars are ongoing by ASCE	Potential continuing education opportunity
	5.7	Case histories at G-I New Orleans meeting	A	C	NA	Completed	See 1.4
Education of Geo-professionals on new contractual vehicles	6.1, 6.2	Conference or workshop covering new contractual vehicles		A	Medium	Compile case studies and publish OR develop a regional conference	

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Research and development	7.1 through 7.9	Description of the need for and establishment and implementation of an R&D program	A	B, C & D	Low	High-level TF to evaluate issues and advise BoG	
Risk Management	8.1 through 8.8 and 9.3	Development of educational materials and an implementation plan for changing the way and timing of when risk is identified, analyses, mitigated and managed and by whom	B	A	Low	TF to evaluate and advise BoG on all of these recommendations and to determine what materials already exist in the marketplace.	We believe that ASFE already has addressed many of the identified opportunities

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Safety	9.1	Articles in <i>Geo-Strata</i> regarding geo-professional's obligation to consider safety during design	?	C	Medium	Ask C-I Site Safety and Design for Construction Safety Committees to write the articles	Geo-Strata Editorial Board to invite articles.
	9.2	Encourage geotechnical firms to adopt ASCE model safety program	?	C	Medium	Post program for download on G-I website <u>and</u> promote at conferences when available	