



## AEG Foundation 4th Quarter Newsletter

12 messages

**AEG Foundation** <staff@aegfoundation.org>

Wed, Nov 15, 2023 at 9:06 PM

To: A Vazquez <staff@aegfoundation.org>

Bcc: dlowry@golder.com, "Kreuger, Duane" <dkreuger@teamues.com>, hingstone@ukzn.ac.za, chen@redox-tech.com, m.deana@maccaferri.com, tim.mccrink57@gmail.com, fengzhengcs@126.com, tom.newman@lafargeholcim.com, aswachhaus@gmail.com, geoffr@vibrattechinc.com, CGI Kerry <kerry@catogeoscience.com>, zewski@uw.edu, kindler@gmsn-ural.ru, elif.sharpe@idsgeoradar.com, sean.f.richards@sce.com, jasmine.petriglieri@gmail.com, gfreitag@gri.com, jordi.corominas@upc.edu, Kevin Mininger <kmininger@rjh-consultants.com>, jeff.lam@rocscience.com, kmurdock@exponent.com, shyang1977@gmail.com, bkresse@aol.com, Carolyn.RandolphLoar@stantec.com, dwaine.edington@comcast.net, aderbal.correa@gmail.com, OSHEAT@etsu.edu, michael.fuller@conservation.ca.gov, jerry.marasovich@ruendrilling.com, 1571122655@qq.com, skred7@gmail.com, Rebekah Bieber <bieber.rebekah@gmail.com>, sambartish@gmail.com, Charles Nestle <cnestle@gmail.com>, guanshiliu@hotmail.com, chenxl@ies.ac.cn, jodyacastle@gmail.com, rfetell@sas.upenn.edu, jacob@horizontaldrill.com, alunsford@wdpa.com, rebeccalane@austin.rr.com, bgreene@gfnnet.com, rfink@ppeng.com, liujiawei@cumt.edu.cn, danajgood@aol.com, Shirley West <shirleywest1@comcast.net>, shuford@caseconsultantsinternational.com, Loren Lasky <geolorenp@gmail.com>, deschmitz88@gmail.com, liuxiaoyi1018@sina.com, Don.Hoirup@water.ca.gov, cora\_lee\_21@yahoo.com, rlschuster25@msn.com, azakaria@villanova.edu, jdgonzalez9@yahoo.com, shant@aessoil.com, htpark@sejong.ac.kr, Thomas Oommen <toommen@mtu.edu>, giulia.bossi@irpi.cnr.it, don.deere@deereault.com, rduran@kumarsa.com, pedro.martins@beca.com, raval@mtu.edu, bill.burns@oregon.gov, zhaofengwen1979@aliyun.com, thcampbell@bellsouth.net, fbarriera@geoton.com.au, mmolinari@geoengineers.com, teresa.butler@water.ca.gov, wuym@lreis.ac.cn, Visty Dalal -MDE-visty.dalal@maryland.gov>, jeff@pyramidenvironmental.com, jhelge@fugro.com, elena.belluso@unito.it, shea@caseconsultantsinternational.com, greg\_stock@nps.gov, enalou@hotmail.com, banjong.p@dgr.mail.go.th, demenevartem@gmail.com, hgasa@teleport.com, michael.jordan@terracon.com, angelo.doglionti@poliba.it, oyediranibrahim@yahoo.com, jwj133@sbcglobal.net, mark.eggert@psm.com.au, mharper@zefon.com, tmaquire@usbr.gov, rwalsh@haywardbaker.com, chizoba.ugwuagbo@nnpccgroup.com, barbaraoliver1066@gmail.com, jhartshorn@geobuild.com, Jenise.Thompson@nrc.gov, dstare@gfnnet.com, Paul Santi <psanti@mines.edu>, sgosselin@ecslimited.com, deniz.karadeniz@gmail.com, rdeal@harthickman.com, mcook@kleinfelder.com, dcseiderq@pacbell.net, Dlinde@enviroprobe.com, mdlase@miners.utep.edu, dan.osbourne@blecorp.com, "D\_Kreuger@geotechnology.com" <D\_Kreuger@geotechnology.com>, degilman@egilman.com, nandi@etsu.edu, fengkt1@mail.fresnostate.edu, diane\_mike@att.net, geozep@gmail.com, ka1uem@hotmail.com, gerry.stirewalt@nrc.gov, emb109@zips.uakron.edu, kevinhayespg@gmail.com, christof.lemp@geo.uni-halle.de, montemurbach@gmail.com, eric@pyramidenvironmental.com, ron@spotlightgeo.com, vcftrattali@comcast.net, vchakrap@mtu.edu, joseph@aei-corp.com, phuongthan.hd.1993@gmail.com, tmcMorran@golder.com, znelson@geopractitioner.com, timbwood@ccgmail.net, long1mc@yahoo.com, mclement19@gmail.com, jws3@g.clemson.edu, michael.rucker@amecfw.com, rusty@gehriginc.com, will.arcand@conservation.ca.gov, anagn\_Sophia@yahoo.gr, domenico.calcaterra@unina.it, jennifer.dean@water.ca.gov, jfoster@fullerton.edu, mbuzon@westga.edu, kemccoy@mines.edu, michaelfallon@mgfenvironmental.com, wpollock@uw.edu, ichin.yen@jstail.com, f.piana@csg.to.cnr.it, nhightow@mtu.edu, "Ken Neal, President AEG Foundation" <president@aegfoundation.org>, Richard Steckel <rjsteckel@charter.net>, austinwise58@gmail.com, jason.catlin@catlinusa.com, tom@mccloskeyconsultants.com, michaela.crum@seequent.com, sdee@unr.edu, ssteiner@conetec.com, bgray@lettisci.com, amorris@waypointanalytical.com, alessandro.cavallo@unimib.it, giacomo.pepe@unige.it, wangfy@ju.edu.cn, terrabogey@gmail.com, sbratton@cascade-env.com, ftelmo@Inec.pt, BrianSmithPG@gmail.com, jbarrett@geosyntec.com, burtslemmons@gmail.com, cody.stopka@idsgeoradar.com, dan.meier@aecom.com, chenjp@ju.edu.cn, janet.wu@geoslope.com, christian.j.zangerl@boku.ac.at, qishengwen@mail.iggcas.ac.cn, Aaron Hart <aaronhart1992@gmail.com>, James.Young2@aecom.com, dougt98282@yahoo.com, thamill@erisinfo.com, enoel@kleinfelder.com, Dick Gray <dick@digioiagray.com>, micsneed@usgs.gov, cchristiansen@bgcengineering.ca, dsackett@brierleyassociates.com, Justin Toller <jtoller@nevada.unr.edu>, nakaya.masashi@ad-hzm.co.jp, jalexander@fugro.com, mccalpin@geohaz.com, pkearney@cleanvapor.com, tballard@sehydrogeology.com, julpstead@gmail.com, kattes@tarleton.edu, christopher.goetz@aecom.com, jbutkevicius@my.apsu.edu, elaine@neathery.com, jdelachapelle@golder.com, eva@yogikwong.com, andrew.gutshall@lehighhanson.com, jjhcivil@gmail.com, wigginsm@vmcmail.com, lyost@nmgeo.com, matt@geokon.com, jay\_marian@prodigy.net, betsy@tenbears.us, nielson@mcmjac.com, jleilbert@verizon.net, RHSydnor@aol.com, mferentinou@uj.ac.za, liangning320@qq.com, matthew.j.tello@gmail.com, juergen.hesser@bgr.de, hvelduhuizen@sycamores.indstate.edu, info@accesslimitedconstruction.com, sburch@gfnnet.com, bpatel@maserconsulting.com, wayne.akiyama@aptim.com, lwl8056@qq.com, rkweir@aol.com, allen@hatheway.net, erin.wriston@gmail.com, godfreymodest@gmail.com, 214952497@qq.com, marina.drazba@gmail.com, Andrew.Tate@water.ca.gov, edg001@att.net, dkennedy@sageengineers.com, cdwoling@bgcengineering.com, Jared Pratt <jpratt@rghgeo.com>, tpullen@brierleyassociates.com, kcampbell@fugro.com, Mlato@bgcengineering.ca, r.mattzela@fpm-remediations.com, ashley.hogan@terracon.com, gates@mcmjac.com, jega@ugr.es, Sarah.Hardison@ncdenr.gov, apfs@fct.unl.pt, Holly Nichols <hnichols76@gmail.com>, ryan.coe@terracon.com, robin.markussen@lehighhanson.com, jlliao@mail.nctu.edu.tw, dora1026@peach.ocn.ne.jp, sieh@ntu.edu.sg, dzakaria17@gmail.com, geolscrap@gmail.com, rheag74@gmail.com, rb\_303@hotmail.com, timothy.dawson@conservation.ca.gov, svcoffman@gmail.com, cfsweet@comcast.net, csmith@sageengineers.com, tpgautam@gmail.com, cswallace@mines.edu, jhudson@handk.net, dabruce@geosystemsbruce.com, pflentje@uow.edu.au, jlarabee@valleywater.org, htohidi@memphis.edu, Ramohamadameen@tva.gov, peaddiso@mtu.edu, paolo.allasia@irpi.cnr.it, lnywong@hku.hk, farmersl@etsu.edu, zelen@ucdavis.edu, marc.ostermann@geologie.ac.at, aegjuliek@aol.com, paolo.mazzanti@nhazca.com, aghameluokey@gmail.com, ceduanxr@gmail.com, pratt6901@comcast.net, jcastle@clemson.edu, anne.fehrenbach@greendiamond.com, eigenberger.b@gmail.com, mjuckett@swri.org, rsharpe@usg.com, marchgeo@gmail.com, cpalomar@juno.com, daniel.e.giordan@irpi.cnr.it, rmpfish@aol.com, mmcgrath-koerner@rjleegroup.com, hunter98daniel@gmail.com, jeff.dellinger@dhhs.nc.gov, jaoberdorfer@gmail.com, georg.stockinger@tum.de, DepewR@neorsd.org, Peter.Bobrowsky@canada.ca, mcarr@geosyntec.com, Cynthia Palomares <cynthiapalomarescon@gmail.com>, Robert <r\_e\_3399tep@earthlink.net>, breischbill@gmail.com, kangkanghk@gmail.com, rgodwin@cox.net, kpressley@davenportworld.com, stephen@appalachianlandslide.com, Rick.Wooten@ncdenr.gov, jostrowsky@usbr.gov, james.newman@countyofnapa.org, ajimenz1@memphis.edu, John H Peck <peckj1@juno.com>, thuro@tum.de, f.cagnard@brgm.fr, croughley@napavalley.edu, Jessica Humble <jesspenchumble@hotmail.com>, gail@britanniasolutionsllc.com, vitor@mullergeo.com, anika.braun@tu-berlin.de, Spencer Whitman <switman@nevada.unr.edu>, davidw@idsfsl.com, bob.lyne@geobrugg.com, bordeaux@sas.upenn.edu

### AEGF 4<sup>th</sup> QUARTER NEWSLETTER

Greetings fellow geoscience professionals and enthusiasts, students and donors!

No, this is not a broken record. The positive news continues....

At the AEGF's Annual Board of Directors Meeting in September, we held a matching dollar-for-dollar donation drive. Then, AEG President Sarah Kalika was kind enough to invite me to attend a portion of the AEG's Annual BOD meeting in person. In addition to updating the AEG on our initiatives, I challenged the AEG BOD to donate in the spirit of the AEGF's donation challenge. We are

pleased to report that the challenge and matching donations netted \$10,919 for the AEGF! Thanks to everyone who donated. More on the Portland Meeting(s) follows. Speaking of donations, scholarships and grants, we are launching a year-end appeal for donations. We are all passionate advocates for education and the positive impact it can have on individuals and society as a whole. Through the AEGF's scholarships and grants, we provide financial support to students who demonstrate exceptional promise in the fields of environmental and engineering geology. Giving is easy, check out our new website (if you haven't) to review the scholarships and grants the AEGF offers.

This year, the AEGF awarded approximately \$55,000 in scholarships and grants.

Our planned events for the 2023 AEG Annual Meeting could not have been so successful without the resources provided by the AEG. Many thanks to AEG Past President Nate Saraceno, who offered the talents of AEG's Executive Director, Sherri Maskow, and now-legendary Meeting Manager, Heather Clark. Thanks as well go to Sarah Kalika, current AEG President, for allowing us a forum to talk about the AEGF, and she has committed to continuing the spirit of cooperation that was afforded by Nate during his tenure.

Our Director's Spotlight is highlighted by the profiles of Bill Haneberg, Marty Goff and Mark Molinari. Please read their profile(s) and take an additional moment to review this quarter's featured funds, below. This quarter's pic is the AEGF BOD socializing over dinner in St. Louis.



Respectfully, Duane. [dkreuger@geotechnology.com](mailto:dkreuger@geotechnology.com)

### QUARTERLY FEATURED FUNDS

**Beardsley-Kuper Fund.** This Fund provides financial support for field camp tuition and expenses.

**Mathewson Fund.** The Fund provides supporting funds to AEG Student Members studying in Texas.

**West-Gray Scholarship Fund.** This Fund supports undergraduate and graduate geology students in the eastern half of the United States.

**Shlemon Continuing Education Fund.** Supports local workshops through AEG Chapters.

**K-14 Education Fund.** Encourages K-14 students, K-14 teachers, and elementary, middle, high schools and technical and community colleges to explore methods and technologies to teach geology.

**Marliave Fund.** Supports graduate and undergraduate scholarships in Engineering Geology and Geological Engineering

### 4<sup>th</sup> QUARTER 2023 AEGF DIRECTOR SPOTLIGHT

Bill Haneberg



Bill's geological career has comprised 17 years at state geological surveys—first in New Mexico and more recently in Kentucky—separated by 17 years as a consultant specializing in geohazard assessment and computational geosciences. He received the 2006 AEG

Clare P. Holdredge Award for his book Computational Geosciences with Mathematica and was the 2011 AEG-GSA Jahns Lecturer. Bill served as the state geologist of Kentucky, director of the Kentucky Geological Survey, and a research professor at the University of Kentucky from September 2016 through June 2023, when he, his wife Lisa, and their dog Hazel moved to their current home in Albuquerque. He continues to consult on interesting projects as they arise and remains active in ongoing geohazard and geohealth research collaborations, including adjunct faculty appointments in both the College of Arts & Sciences and the College of Nursing at the University of Kentucky. An AEG Foundation grant in 2008 allowed Bill to visit the remote village of Laprak, Nepal, with Nepali graduate student Narayan Gurung to investigate a large Himalayan landslide beneath the village and serve on Narayan's graduate committee at the Indian Institute of Technology—Delhi.

Marty Goff



Marty lives in Lewes, Delaware with his husband Andrew (seated) and their small herd of dogs. Marty works as the National Policy Advisor for Geology and Senior Geologist for the Corps of Engineers, Headquarters. He intended to become a doctor until he took an intro course in geology while a freshman at the University of South Alabama and “saw the light”. After taking the course he immediately changed his major from biology/pre-med to a double major in geology and physical geography completing his Bachelor’s in 1985. He is currently a remote master’s student at Marshall University (better late than never, they say). He has been involved with AEG since 2010. He serves on several committees and has been either co-chair or chair of the annual symposia for several years. Marty is excited to be on the AEGF Board and wholeheartedly supports its mission. He and his husband look forward to their annual trip to Marty’s hometown of Mobile, Alabama to celebrate the original Mardi Gras!

Mark Molinari



Mark is a semi-retired Environmental and Engineering Geologist with 40 years applied geology consulting experience. His experience includes project/technical management for geologic and seismic hazard assessments for critical infrastructure, geologic and hydrogeologic assessments for environmental permitting (EA, EIS) reports, and investigation and cleanup of environmental contamination for commercial, governmental and industrial facilities. He has worked on projects throughout western North America and internationally. Mark received his B.A. and MS degrees in Geology and is a Washington licensed geologist, hydrogeologist and engineering geologist. He has been a long-term Member of AEG and served as an officer from 2004-10 and President in 2009. He also served on several Committees, as finance chair for several Annual Meetings, and Co-Chair for the 2013 Annual Meeting and 2015 Professional Forum on Landslide Hazards. He resided in Santa Barbara, California from 1983-1991 and moved to the Seattle, WA area in 1991. He and his wife, Karen, enjoy spending time with family and friends, travel, and taking advantage of the local shorelines, forests and mountains and cultural and sports events in Seattle. I look forward to working with my colleagues on the AEG Foundation Board to provide funding and create more opportunities for current and future students pursuing careers in environmental and engineering geology.

Questions or Comments? You can also contact us at: [staff@aegfoundation.org](mailto:staff@aegfoundation.org)

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



## Message not delivered

You're sending this from a different address or alias using the 'Send mail as' feature. The settings for your 'Send mail as' account are misconfigured or out of date. Check those settings and try resending.

[LEARN MORE](#)

The response from the remote server was:

535 Incorrect authentication data

Final-Recipient: rfc822; [michael.jordan@terracon.com](mailto:michael.jordan@terracon.com)  
 Action: failed  
 Status: 4.4.2  
 Remote-MTA: dns; [mail.aegfoundation.org](http://mail.aegfoundation.org) (70.32.23.61, the relay for the domain.)  
 Diagnostic-Code: smtp; 535 Incorrect authentication data  
 Last-Attempt-Date: Wed, 15 Nov 2023 21:06:42 -0800 (PST)

----- Forwarded message -----  
 From: AEG Foundation <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 To: A Vazquez <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 Cc:  
 Bcc: [michael.jordan@terracon.com](mailto:michael.jordan@terracon.com)  
 Date: Wed, 15 Nov 2023 21:06:07 -0800  
 Subject: AEG Foundation 4th Quarter Newsletter  
 ----- Message truncated -----

**Mail Delivery System** <[MAILER-DAEMON@mailchannels.net](mailto:MAILER-DAEMON@mailchannels.net)>  
 To: [staff@aegfoundation.org](mailto:staff@aegfoundation.org)

Wed, Nov 15, 2023 at 9:06 PM

This is the mail system at host [relay.mailchannels.net](http://relay.mailchannels.net).

I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below.

For further assistance, please send mail to postmaster.

If you do so, please include this problem report. You can delete your own text from the attached returned message.

The mail system

<[info@accesslimitedconstruction.com](mailto:info@accesslimitedconstruction.com)>: host  
[accesslimitedconstruction-com.mail.protection.outlook.com](http://accesslimitedconstruction-com.mail.protection.outlook.com)[104.47.74.10]  
 said: 550 5.4.1 Recipient address rejected: Access denied. AS(201806281)  
[BN8NAM04FT054.eop-NAM04.prod.protection.outlook.com](http://BN8NAM04FT054.eop-NAM04.prod.protection.outlook.com)  
 2023-11-16T05:06:44.061Z 08DBE48F7A22ABE5] (in reply to RCPT TO command)

Final-Recipient: rfc822; [info@accesslimitedconstruction.com](mailto:info@accesslimitedconstruction.com)  
 Original-Recipient: rfc822;[info@accesslimitedconstruction.com](mailto:info@accesslimitedconstruction.com)  
 Action: failed  
 Status: 5.4.1  
 Remote-MTA: dns; [accesslimitedconstruction-com.mail.protection.outlook.com](http://accesslimitedconstruction-com.mail.protection.outlook.com)  
 Diagnostic-Code: smtp; 550 5.4.1 Recipient address rejected: Access denied.  
 AS(201806281) [[BN8NAM04FT054.eop-NAM04.prod.protection.outlook.com](http://BN8NAM04FT054.eop-NAM04.prod.protection.outlook.com)  
 2023-11-16T05:06:44.061Z 08DBE48F7A22ABE5]



 noname  
5K

**Mail Delivery System** <MAILER-DAEMON@mailchannels.net>  
To: staff@aegfoundation.org

Wed, Nov 15, 2023 at 9:06 PM

This is the mail system at host [relay.mailchannels.net](http://relay.mailchannels.net).

I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below.

For further assistance, please send mail to postmaster.

If you do so, please include this problem report. You can delete your own text from the attached returned message.

The mail system

<[D\\_Kreuger@geotechnology.com](mailto:D_Kreuger@geotechnology.com)>: host  
[mxa-007ea901.gslb.pphosted.com](http://mxa-007ea901.gslb.pphosted.com)[205.220.160.187] said: 550 5.1.1 User  
Unknown (in reply to RCPT TO command)

Final-Recipient: rfc822; [D\\_Kreuger@geotechnology.com](mailto:D_Kreuger@geotechnology.com)  
Original-Recipient: rfc822;[D\\_Kreuger@geotechnology.com](mailto:D_Kreuger@geotechnology.com)  
Action: failed  
Status: 5.1.1  
Remote-MTA: dns; [mxa-007ea901.gslb.pphosted.com](http://mxa-007ea901.gslb.pphosted.com)  
Diagnostic-Code: smtp; 550 5.1.1 User Unknown

 noname  
5K

**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>  
To: avazquezconsults@gmail.com

Wed, Nov 15, 2023 at 9:06 PM

[Quoted text hidden]

Final-Recipient: rfc822; [wangfy@jlu.edu.cn](mailto:wangfy@jlu.edu.cn)  
Action: failed  
Status: 4.4.2  
Remote-MTA: dns; [mail.aegfoundation.org](http://mail.aegfoundation.org) (70.32.23.61, the relay for the domain.)  
Diagnostic-Code: smtp; 535 Incorrect authentication data  
Last-Attempt-Date: Wed, 15 Nov 2023 21:06:46 -0800 (PST)

----- Forwarded message -----  
From: AEG Foundation <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
To: A Vazquez <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
Cc:  
Bcc: [wangfy@jlu.edu.cn](mailto:wangfy@jlu.edu.cn)  
Date: Wed, 15 Nov 2023 21:06:07 -0800  
Subject: AEG Foundation 4th Quarter Newsletter  
----- Message truncated -----

**postmaster@hexmet.onmicrosoft.com** <[postmaster@hexmet.onmicrosoft.com](mailto:postmaster@hexmet.onmicrosoft.com)>  
To: staff@aegfoundation.org

Wed, Nov 15, 2023 at 9:07 PM



Your message to [cody.stopka@idsgeoradar.com](mailto:cody.stopka@idsgeoradar.com) couldn't be delivered.

[cody.stopka](mailto:cody.stopka@idsgeoradar.com) wasn't found at [idsgeoradar.com](http://idsgeoradar.com).

staff	Office 365	cody.stopka
Action Required		Recipient
Unknown To address		

How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-Complete List suggestion don't select it. After typing the complete address, click **Send**.
- Contact the recipient (by phone, for example) to check that the address is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: [Fix email delivery issues for error code 5.1.1 in Office 365](#), and then send the message again. Retype the entire recipient address before selecting **Send**.

Was this helpful? [Send feedback to Microsoft](#).

## More Info for Email Admins

Status code 554 5.4.14

Typically this error occurs because the recipient email address is incorrect or doesn't exist at the destination domain. This can usually be fixed by the sender. However, sometimes the issue needs to be fixed by the recipient or the recipient's email admin. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

**The email address exists and is correct** - Confirm that the recipient address exists, is correct, and is accepting messages.

**Synchronize your directories** - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

**Errant forwarding rule** - Check for forwarding rules that aren't behaving as expected. A forwarding rule can be configured by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

**Mail flow settings and MX records are not correct** - Misconfigured mail flow settings or MX records can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

**Mail loop detected** - This error also indicates that the receiving organization's email settings are misconfigured, creating a mail loop when a message is sent to an address that isn't found in their directory. This usually won't disrupt mail flow for recipients that actually exist, but the recipient's email admin should fix the misconfiguration to reduce the chance of any other mail flow issues. A common cause for this loop is that the recipient's domain is configured as "Internal Relay" when it should be "Authoritative." Another common cause for the loop is that both the sender and recipient are part of the same organization, but the sender's mailbox is hosted by Office 365, while the recipient's mailbox is hosted on-premises, and an outbound connector from Office 365 to the on-premises email servers is missing or misconfigured. To fix this, the recipient's email admin should create a correctly configured outbound connector in Office 365 to route the message to the on-premises mailbox.

For more information and tips to fix this problem, see [Fix email delivery issues for error code 5.4.14 in Office 365](#).

### Original Message Details

Created Date: 11/16/2023 5:06:07 AM  
Sender Address: [staff@aegfoundation.org](mailto:staff@aegfoundation.org)  
Recipient Address: [cody.stopka@idsgeoradar.com](mailto:cody.stopka@idsgeoradar.com)

Subject: AEG Foundation 4th Quarter Newsletter

Error Details

Error: 554 5.4.14 Hop count exceeded - possible mail loop ATTR34 [AMS0EPF0000019A.eurprd05.prod.outlook.com 2023-11-16T05:07:07.646Z 08DBE5996BD1592E]

Message rejected by: AMS0EPF0000019A.mail.protection.outlook.com

Notification Details

Sent by: DU0PR06MB8432.eurprd06.prod.outlook.com

Message Hops

Table with 6 columns: HOP, TIME (UTC), FROM, TO, WITH, RELAY TIME. It lists 14 hops of a message path, including domains like google.com, a2hosting.com, mailchannels.net, and outlook.com.

Original Message Headers

ARC-Seal: i=7; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass; b=ScgjfAgcIpicsL5YudxN6N5HopccF1VU8N42fGW42FcRNkxQZdz5wPCi+0M9mroTs24scYgWqY6KeZgqBAdrZ1+WpNVUi/6bpPwfghZ7vovHgaqkq43B0CVKkzSzbjdo3bhme7LPozWGLmwmLCphyN1DwMNCU6N0wgPtlrH1tCYIY9hXTtIVuaFR+Ir30niQdvWtQEGZFY/3XZ3kAeanc7TWev/5dTux7Di3hp5j8t1PhWiLGEjvLUMM25X9Ct1v4wf4IZcftP/GfsLU3Gkq11/+nn5G7/lul9FsKL8phrP0vbcslDLukBn0gfxuZwr6j+yoD3m3Ar2wJ+38yESA==

s=arcselector9901;  
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1;  
bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=;  
b=ay0jZwqyYkwr+PwLftHU4AEYeU0roPD89werbsyLCzLSlCvUvfASbRyF4/IKVFmUnB0ea+A8ayW9sr6390DpaVvEaajlyKSZ9L31gv/emF2X+6+TLZ2Fo+8s9Ly3j7zKQmb95uAmWwyLom2IXZpwhSpk60knnSLluoWJ4u8F34W/5pUd3spx10NFxQ41QFAHHD5JLMFs8uVX1EYgKvGFAA6PKaR+upa6nkve9oT6PG680mTEwkgNMF3LDm3MZLCHMR+oJLCGhiTB0c9wQg21TWA06vN1pwyCJ  
R03LF2zH6ig0hN1bHE2A+0i7QchZ/kfJd6yeEon66NvWD78mdF01g==  
ARC-Authentication-Results: i=7; mx.microsoft.com 1; spf=softfail (sender ip is 104.47.14.50) smtp.rcpttodomain=idsgeoradar.com  
smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none  
header.from=aegfoundation.org; dkim=pass (signature was verified)  
header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)  
ARC-Seal: i=6; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass;  
b=kG8g+x0fkfKpAlMqLq17AVffPGXDAKUM9yupNnvUpYyZLu9YzWhLaqoQxkuySe1T04nGKAb0um/fAEBf/nod/A+CSYWN5QZqkzEw2Reeltw0qYvMSRLMvZYWm4mngQY2BSfS3+loFVg/6RuLAFcWByV/k1jZvZpoo5h72rZnXHVbynJS6GuRtZ  
euvLqIiJtA8iexdTUS0J3xaS5p3/siHH8shZW45f/9m1dESJTuUvloo0a9uvWZJWJun0VhFCT3plbsCi0A4j11EEH/v+0shroyAaPYpY7+  
PewcgXsLc9ZNI5P3m5C3lmaa9gY+IMTbRrIplTft3ctQsN657t0Nlw==  
ARC-Message-Signature: i=6; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com;  
s=arcselector9901;  
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1;  
bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=;  
b=J+UwB0smGaXU5LX03+VgAfJYCCiEgVIJF9xMjKS1FFq2EoWjbf9WHD3dLuk+X0HdHrE7rjnw6Dnu84K54CRehCnC91y2KI8QjU539rIk6gPT2NV94nFY0IuAnyYk29xi35Se79MI6HsFoYPguSuuXKBgrMbHRDo/RJgT0qUVv69DaId32KtIXdhLd+  
ICnSoCfLLJE/7le6/Gem8qqsQ95XfDXvKFvh9j1F4c8uWmw330sjt94ky+mWCLJx58tcqKbDqWE39GJtex57qkYw  
4+5L9Sk2hwIq0QwA6LhpbDLKy/BqD+Z03Hwz73e47U1U1UgP+o0v5RdWWhUlBzhnJsyg==  
ARC-Authentication-Results: i=6; mx.microsoft.com 1; spf=softfail (sender ip is 104.47.14.50) smtp.rcpttodomain=idsgeoradar.com  
smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none  
header.from=aegfoundation.org; dkim=pass (signature was verified)  
header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)  
Received: from AS9PR06CA0705.eurprd06.prod.outlook.com (2603:10a6:20b:49f::6)  
by DU0PR06MB8432.eurprd06.prod.outlook.com (2603:10a6:10:353::6) with  
Microsoft SMTP Server (version=TLS1\_2,  
cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.21; Thu, 16 Nov  
2023 05:07:00 +0000  
Received: from AM4PEPF00027A6C.eurprd04.prod.outlook.com  
(2603:10a6:20b:49f:cafe::bf) by AS9PR06CA0705.outlook.office365.com  
(2603:10a6:20b:49f::6) with Microsoft SMTP Server (version=TLS1\_2,  
cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.21 via Frontend  
Transport; Thu, 16 Nov 2023 05:07:00 +0000  
Authentication-Results: spf=softfail (sender IP is 104.47.14.50)  
smtp.mailfrom=aegfoundation.org; dkim=pass (signature was verified)  
header.d=aegfoundation.org; dmarc=bestguesspass action=none  
header.from=aegfoundation.org; compauth=pass reason=109  
Received-SPF: SoftFail (protection.outlook.com: domain of transitioning  
aegfoundation.org discourages use of 104.47.14.50 as permitted sender)  
Received: from EUR04-VI1-obe.outbound.protection.outlook.com (104.47.14.50) by  
AM4PEPF00027A6C.mail.protection.outlook.com (10.167.16.90) with Microsoft  
SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id  
15.20.7002.19 via Frontend Transport; Thu, 16 Nov 2023 05:07:00 +0000  
ARC-Seal: i=5; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass;  
b=XA6XFnLTYwPw/zmGsdzV920c/c9+qjSNS1lotU8wwiCKz0w1ewGKUSuCQJ0sWuZKQkEnBXi5bcKr5mEC7uuG1uwp  
IYtb0Xt2FyK40Dq8ZE3T9RfLMBMVJiA3DwUPVtF9nzjmi0ZM1in59ublrld134oZ0qiv59wFwsQGACHwssJBf8J/  
R2U7GIVx6H5ULrKNa3TsdnRe2o2KvH4iqNrwCj4avv9Qn/iA2iBLkaK3V82IyxVUuYrD17mCf0B4NGLlhZC6KMJid7yKUKQi/5IpCbp+nXy/  
WxdYHH9fC8rvR2FyF8EepVLCAnQnEL+8a8Lz8P1LI/4lBgNXsjaXPQ==  
ARC-Message-Signature: i=5; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com;  
s=arcselector9901;  
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1;  
bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=;  
b=e7YtjC1sMMmTyD7uiq3co9q6Sj9F9F7/RufJh1xh6T5UHiMZg637iNUg2WhuXKRDUU5FZm9gmwPgvv+Ij3v3Vf3qejlyEnv+  
n0mGkji7K00RVM95u7+5EJ31Sp5CA68BhYl+uhvm+wMejJ8X+9johfj4rzd+vBdP6XIUl9X6ALaYAVVQH/  
DfcpVtzkyj39c0yFBVOnM+E0nVmYv+I0HmeQoBIs9lePy6yFo2vBST0g8GdM0ggHtP9qwfNT5Bir/WSvDU0NuFiGT+  
CgGx6mYqH902REY4n2jHhLl/jxgxUtR6/5pFgpteHPFFRMHLBsnXoIeto4UdNmNEMFd17x9w==  
ARC-Authentication-Results: i=5; mx.microsoft.com 1; spf=softfail (sender ip is 104.47.2.51) smtp.rcpttodomain=idsgeoradar.com  
smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none  
header.from=aegfoundation.org; dkim=pass (signature was verified)  
header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)  
ARC-Seal: i=4; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass;  
b=E9kw67DoeWcePtQ0hnuQHCSFG+xy3VEiySnp7tMUDMTAPucjmuzyt3nmZmpx8XY/K8eRrKESZ6KaiwLN/An7WZfnMLCaTaE8b0k0Y+  
Y4XUGuSa0Z5IN0J5KVeSjCiBCXoATY+7tIaUUUE72KJc1xQIeoz5JYXYisDUeEUMetIJGHZuWUT4aJrRwj2b7mL3F7N  
N5uMaB0/oa17E+3AMGf5h/ruxmw+Xmf9LcA/vrb2IzRwCLaf5AM00kSBR/Ioh8tew0gYQdhy4pfrM8qvnG0hB0yr  
UXK0ICM78jk/nLaxJmsw27Tmd1+P5pANlbKaK1zRNqF17R12szQ33CXHmQ==  
ARC-Message-Signature: i=4; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com;  
s=arcselector9901;  
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1;  
bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=;  
b=GCNwCjhm8b5M7PVI2Dq/jhMURUFEMAMRjZz0bc+L8Zqmg7i74Qs0z4vUQP8I836MBqf/yS3wev2W1mZHGg1vK4gykr1rzL+  
MffqW03P9SxkmdgODRadHuhVM5X7iynEnBwGyZGpFJONeLzU6wZe32fmSpn/CfoKx/6HCXGB00bLx8RGW1rHooAYLGuE3iR+



9rnYyIJNTXLSqp975c8fQzte/p1j0up20lbJASN586YpdUeT1XmErpSmrAzBqHxbRsfUqDPqVrLrz7ptLhQXNUDuZ78ov8TM/5I7WA2cyeFPVUF2fwnZF+qvoy6FZyEK0W1UqUBypJAt2TJ/CTIQ==

ARC-Authentication-Results: i=4; mx.microsoft.com 1; spf=softfail (sender ip is 104.47.2.51) smtp.rcpttodomain=idsgeoradar.com

smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none header.from=aegfoundation.org; dkim=pass (signature was verified) header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)

Received: from DUZPR01CA0089.eurprd01.prod.exchangelabs.com (2603:10a6:10:46a::12) by PR3PR06MB6682.eurprd06.prod.outlook.com (2603:10a6:102:65::8) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.18; Thu, 16 Nov 2023 05:06:53 +0000

Received: from DB5PEPF00014B99.eurprd02.prod.outlook.com (2603:10a6:10:46a:cafe::a2) by DUZPR01CA0089.outlook.office365.com (2603:10a6:10:46a::12) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.18 via Frontend Transport; Thu, 16 Nov 2023 05:06:53 +0000

Authentication-Results-Original: spf=softfail (sender IP is 104.47.2.51) smtp.mailfrom=aegfoundation.org; dkim=pass (signature was verified) header.d=aegfoundation.org; dmarc=bestguesspass action=none header.from=aegfoundation.org; compauth=pass reason=109

Received-SPF: SoftFail (protection.outlook.com: domain of transitioning aegfoundation.org discourages use of 104.47.2.51 as permitted sender)

Received: from EUR01-DB5-obe.outbound.protection.outlook.com (104.47.2.51) by DB5PEPF00014B99.mail.protection.outlook.com (10.167.8.166) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.20 via Frontend Transport; Thu, 16 Nov 2023 05:06:52 +0000

ARC-Seal: i=3; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass; b=Fur1cThi/e8Tr47HBKEaid2kb/fj+onmVPnEtFokVH68tvG7p0mNzA2Cb1Tp1N41122spR0/ZV4/GQXx14HCHVPMGEbGjaEr+vkgJ55AHNk33XUvhQaRyzUE6MoCdzIUL8g36tgPuVhPw55W/KCyKvnmJDCXthVRZKtwpAClvlt287/21xuZwxCeVndKFEqkUT8hMaGN8GagZLBqSKuRgS+E/IHqfJp5bcg8QRmzYMqK/2Nv1CUBdqrGD/4UHVbLEQ8vDQ+Uc5mgoDuSeAbZfji4e6nMeOHJJJX/FmyilKbGnwSNZBpl4gGc3tISKbS9PJ3f4F6IU6WTgjlU/lkvUg==

ARC-Message-Signature: i=3; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com; s=arcselector9901; h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1; bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=; b=h10czFY6uAyx8n39nP6GRzborloRwg3E69bX2b2c5rGRv0f2fm1XnHuoKuia0MNBGJ7Ef/PKYwfl2Dcm6VwHk2fkyC1Jlq/G0xrs4iuaIBlf7bEvj3xER4ClrnRB0me0695QHURU8qrM7LVUlgRwDUGrIUDNbhNBjwelsuo/2AB7J0KcwjegnCzvtHXMTNLp4N6fIgy47DmL0NpCbFzKwT5tDkuwNg0o+3idbc0xpEVIe8bipvYssp/mHmdbsKfbbksTBITfnfaawYIYwj0jQy4/odfr0pKKN0yarHUeZrCn4FG7UEqjiuvFTkw27R68INssj3PER9JU1HTUA==

ARC-Authentication-Results: i=3; mx.microsoft.com 1; spf=pass (sender ip is 23.83.223.178) smtp.rcpttodomain=idsgeoradar.com

smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none header.from=aegfoundation.org; dkim=pass (signature was verified) header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)

ARC-Seal: i=2; a=rsa-sha256; s=arcselector9901; d=microsoft.com; cv=pass; b=Mx36+Fo2d2xtZ6utxoDciF3mR3zVBUwVShv+yF/8X8aM2d7PTUw/dFuGJK4uM29R5kCqqiPGIPgzBWi3bptRCF50kNksa60yLcvT0v3WXAAbPD2eT/928/2BThLi+1E+xsrfdSntjVt/kGLUQoQqAlTbvHlHBPmTZcDqQgid7Fq4w6qtbDa9JwtjKv4LSktZxHGaxhavwAGNG4wrLyFUDWITQE15K60b09D0A+v+zpWRLHstD4/gkm+C/eDMRF/IVVoz0jYQRUGuUgnKjIvLSAAwrADmbyHcrHV8sVP3X4D0mexLvEoLsctXfAwYSma92q00H2QakrLnVhGuf0Q==

ARC-Message-Signature: i=2; a=rsa-sha256; c=relaxed/relaxed; d=microsoft.com; s=arcselector9901; h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-AntiSpam-MessageData-ChunkCount:X-MS-Exchange-AntiSpam-MessageData-0:X-MS-Exchange-AntiSpam-MessageData-1; bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=; b=Z4EBMqKs2y7q+0DLBY1h4QyewY31ce0KbXmy1Ea4+ZaHsUt1JYG5xrHuzjQ7jDSSwc4D+iWVjdt9aYq81khs16RRPzKPR0xFS+Q9owuDvmdLWRp3gDMMLoAw/nKHn6dvRwnNR4soJVpG16Wcc15Wmu902oWp80n0HZYqfc/hevnr8S4ro2eQx5bmfFcSwauUr1IFodCUY1yOxyafixsMvjg95jr7F/Uu9AN9s0PKsrXn1TCKUurMe4S5u5kjoI5rIYozl00rG0Lyy0/rKGLnzSsJkYMH9SH/91qIRL+Xc0MtU9dEKNdcuHqbHfVV8MgIdynwJ0HmzDpk8rLxNu3Q==

ARC-Authentication-Results: i=2; mx.microsoft.com 1; spf=pass (sender ip is 23.83.223.178) smtp.rcpttodomain=idsgeoradar.com

smtp.mailfrom=aegfoundation.org; dmarc=bestguesspass action=none header.from=aegfoundation.org; dkim=pass (signature was verified) header.d=aegfoundation.org; arc=pass (0 oda=0 ltdi=0 93)

Received: from DU2P251CA0012.EURP251.PROD.OUTLOOK.COM (2603:10a6:10:230::8) by V11PR06MB6543.eurprd06.prod.outlook.com (2603:10a6:800:128::10) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.21; Thu, 16 Nov 2023 05:06:45 +0000

Received: from DB1PEPF00039233.eurprd03.prod.outlook.com (2603:10a6:10:230:cafe::10) by DU2P251CA0012.outlook.office365.com (2603:10a6:10:230::8) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.19 via Frontend Transport; Thu, 16 Nov 2023 05:06:45 +0000

Authentication-Results-Original: spf=pass (sender IP is 23.83.223.178) smtp.mailfrom=aegfoundation.org; dkim=pass (signature was verified) header.d=aegfoundation.org; dmarc=bestguesspass action=none header.from=aegfoundation.org; compauth=pass reason=109

Received-SPF: Pass (protection.outlook.com: domain of aegfoundation.org designates 23.83.223.178 as permitted sender) receiver=protection.outlook.com; client-ip=23.83.223.178; helo=teal.cherry.relay.mailchannels.net; pr=C

Received: from teal.cherry.relay.mailchannels.net (23.83.223.178) by DB1PEPF00039233.mail.protection.outlook.com (10.167.8.106) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384) id 15.20.7002.19 via Frontend Transport; Thu, 16 Nov 2023 05:06:44 +0000

X-Sender-Id: a2hosting|x-authuser|staff@aegfoundation.org

Received: from relay.mailchannels.net (localhost [127.0.0.1]) by relay.mailchannels.net (Postfix) with ESMTMP id 28AD282014 for <cody.stopka@idsgeoradar.com>; Thu, 16 Nov 2023 05:06:43 +0000 (UTC)

Received: from mi3-ts3.a2hosting.com (unknown [127.0.0.6]) (Authenticated sender: a2hosting) by relay.mailchannels.net (Postfix) with ESMTMP id EAF1D8159D for <cody.stopka@idsgeoradar.com>; Thu, 16 Nov 2023 05:06:41 +0000 (UTC)

ARC-Seal: i=1; s=arc-2022; d=mailchannels.net; t=1700111202; a=rsa-sha256; cv=none; b=eWAaXnNvUzLN/yRjFY+64E+ix8wcvKgT3ok2RiWNoAmcCQnImi+ndUhnJ617Z9aYHTBxD3C+jS9rz24mOqp0Kip4vtwLmHYg69eDnkMzVQFSaaU/c5hDekpE9ZnViiWrfr70QDyvGSHD6MxQE80N0r72qLELRQ2Dhwoy6k3+feRqPdwU6AIEU0jtQw3zQ9lranwxvp0DfohnDVtUD/vMTJTeCooSjGLjyGajldXnZJAaiJMhhd6jpaoP9HB2joINLBHQ34+4sY329tIoDroTo8XrNi1dhShtP2L4Z6JcJ77LjE1XDdFpHORbIueFH00xveBfvkjl0zycXvc+FAdc4A==

ARC-Message-Signature: i=1; a=rsa-sha256; c=relaxed/relaxed; d=mailchannels.net; s=arc-2022; t=1700111202; h=from:from:reply-to:subject:subject:date:date:message-id:message-id:to:to:cc:mime-version:mime-version:content-type:content-type:in-reply-to:in-reply-to:references:references:dkim-signature; bh=KtkijGVYHd9MbUqpJnp/bkaI05NxCwJ9G+u89J+L5zk=; b=U7hWf0dq0CdBX8h09yiPYE786RW6dC9ZXyH0CYCrWeSoVYFFDP0sfnBo/D8pb3vtWiXtq6s9qMzaIsWGN21zzQZis1lpP0anFZAQvK8bHsIyjeraAzoXo67UDygfA7Y09uM8Et9th/Am2F1FjvfnQ9NtvoxcLWpEeWyCycrJsopovjka78chgvCQNVWYra+CZRalrstyve0dJrv8u4RFVSPH3m0SDezRZM+mguzrI3wtiRk/49EaL6dN2qHhokMa0TFeTqDxvXHkABP5+Yhf0FW6dQb3KrkV+SfpPsKnyTfi/Ny6+2in+obN8ItV7xRQooiZatpVKsc43U6chwJOA==

ARC-Authentication-Results: i=1; rspamd=55bcb54c45-cwm8l; auth=pass smtp.auth=a2hosting smtp.mailfrom=staff@aegfoundation.org

X-Sender-Id: a2hosting|x-authuser|staff@aegfoundation.org

X-MC-Relay: Good

X-MailChannels-SenderId: a2hosting|x-authuser|staff@aegfoundation.org

X-MailChannels-Auth-Id: a2hosting

X-Lyrical-Average: 5a97ca2f470cf4c3\_1700111203012\_940279953

X-MC-Loop-Signature: 1700111203012:3580561455

X-MC-Ingress-Time: 1700111203011

Received: from mi3-ts3.a2hosting.com (mi3-ts3.a2hosting.com [70.32.23.61]) (using TLSv1.2 with cipher ECDHE-RSA-AES256-GCM-SHA384) by 100.105.117.136 (trex/6.9.2); Thu, 16 Nov 2023 05:06:43 +0000

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From: AEG Foundation <staff@aegfoundation.org>

Date: Wed, 15 Nov 2023 21:06:07 -0800

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Subject: AEG Foundation 4th Quarter Newsletter

To: A Vazquez <staff@aegfoundation.org>

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Action: failed

Status: 5.4.14

Diagnostic-Code: smtp;554 5.4.14 Hop count exceeded - possible mail loop ATTR34 [AMS0EPF0000019A.eurprd05.prod.outlook.com 2023-11-16T05:07:07.646Z 08DBE5996BD1592E]

Remote-MTA: dns;AMS0EPF0000019A.mail.protection.outlook.com

----- Forwarded message -----

From: AEG Foundation <staff@aegfoundation.org>

To: A Vazquez <staff@aegfoundation.org>

Cc:

Bcc:

Date: Wed, 15 Nov 2023 21:06:07 -0800

Subject: AEG Foundation 4th Quarter Newsletter

**AEGF 4<sup>th</sup> QUARTER NEWSLETTER**

Greetings fellow geoscience professionals and enthusiasts, students and donors!

No, this is not a broken record. The positive news continues....

At the AEGF's Annual Board of Directors Meeting in September, we held a matching dollar-for-dollar donation drive. Then, AEG President Sarah Kalika was kind enough to invite me to attend a portion of the AEG's Annual BOD meeting in person. In addition to



updating the AEG on our initiatives, I challenged the AEG BOD to donate in the spirit of the AEGF's donation challenge. We are pleased to report that the challenge and matching donations netted \$10,919 for the AEGF! Thanks to everyone who donated. More on the Portland Meeting(s) follows. Speaking of donations, scholarships and grants, we are launching a year-end appeal for donations. We are all passionate advocates for education and the positive impact it can have on individuals and society as a whole. Through the AEGF's scholarships and grants, we provide financial support to students who demonstrate exceptional promise in the fields of environmental and engineering geology. Giving is easy, check out our new website (if you haven't) to review the scholarships and grants the AEGF offers.

This year, the AEGF awarded approximately \$55,000 in scholarships and grants.

Our planned events for the 2023 AEG Annual Meeting could not have been so successful without the resources provided by the AEG. Many thanks to AEG Past President Nate Saraceno, who offered the talents of AEG's Executive Director, Sherri Maskow, and now-legendary Meeting Manager, Heather Clark. Thanks as well go to Sarah Kalika, current AEG President, for allowing us a forum to talk about the AEGF, and she has committed to continuing the spirit of cooperation that was afforded by Nate during his tenure.

Our Director's Spotlight is highlighted by the profiles of Bill Haneberg, Marty Goff and Mark Molinari. Please read their profile(s) and take an additional moment to review this quarter's featured funds, below. This quarter's pic is the AEGF BOD socializing over dinner in St. Louis.



Respectfully, Duane. [dkreuger@geotechnology.com](mailto:dkreuger@geotechnology.com)

### QUARTERLY FEATURED FUNDS

**Beardsley-Kuper Fund.** This Fund provides financial support for field camp tuition and expenses.

**Mathewson Fund.** The Fund provides supporting funds to AEG Student Members studying in Texas.

**West-Gray Scholarship Fund.** This Fund supports undergraduate and graduate geology students in the eastern half of the United States.

**Shlemon Continuing Education Fund.** Supports local workshops through AEG Chapters.

**K-14 Education Fund.** Encourages K-14 students, K-14 teachers, and elementary, middle, high schools and technical and community colleges to explore methods and technologies to teach geology.

**Marliave Fund.** Supports graduate and undergraduate scholarships in Engineering Geology and Geological Engineering

### 4<sup>th</sup> QUARTER 2023 AEGF DIRECTOR SPOTLIGHT

Bill Haneberg



Bill's geological career has comprised 17 years at state geological surveys—first in New Mexico and more recently in Kentucky—separated by 17 years as a consultant specializing in geohazard assessment and computational geosciences. He received the 2006 AEG Clare P. Holdredge Award for his book *Computational Geosciences with Mathematica* and was the 2011 AEG-GSA Jahns Lecturer. Bill served as the state geologist of Kentucky, director of the Kentucky Geological Survey, and a research professor at the University of Kentucky from September 2016 through June 2023, when he, his wife Lisa, and their dog Hazel moved to their current home in Albuquerque. He continues to consult on interesting projects as they arise and remains active in ongoing geohazard and geohealth research collaborations, including adjunct faculty appointments in both the College of Arts & Sciences and the College of Nursing at the University of Kentucky. An AEG Foundation grant in 2008 allowed Bill to visit the remote village of Laprak, Nepal, with Nepali graduate student Narayan Gurung to investigate a large Himalayan landslide beneath the village and serve on Narayan's graduate committee at the Indian Institute of Technology—Delhi.

Marty Goff



Marty lives in Lewes, Delaware with his husband Andrew (seated) and their small herd of dogs. Marty works as the National Policy Advisor for Geology and Senior Geologist for the Corps of Engineers, Headquarters. He intended to become a doctor until he took an intro course in geology while a freshman at the University of South Alabama and “saw the light”. After taking the course he immediately changed his major from biology/pre-med to a double major in geology and physical geography completing his Bachelor’s in 1985. He is currently a remote master’s student at Marshall University (better late than never, they say). He has been involved with AEG since 2010. He serves on several committees and has been either co-chair or chair of the annual symposia for several years. Marty is excited to be on the AEGF Board and wholeheartedly supports its mission. He and his husband look forward to their annual trip to Marty’s hometown of Mobile, Alabama to celebrate the original Mardi Gras!

Mark Molinari



Mark is a semi-retired Environmental and Engineering Geologist with 40 years applied geology consulting experience. His experience includes project/technical management for geologic and seismic hazard assessments for critical infrastructure, geologic and hydrogeologic assessments for environmental permitting (EA, EIS) reports, and investigation and cleanup of environmental contamination for commercial, governmental and industrial facilities. He has worked on projects throughout western North America and internationally. Mark received his B.A. and MS degrees in Geology and is a Washington licensed geologist, hydrogeologist and engineering geologist. He has been a long-term Member of AEG and served as an officer from 2004-10 and President in 2009. He also served on several Committees, as finance chair for several Annual Meetings, and Co-Chair for the 2013 Annual Meeting and 2015 Professional Forum on Landslide Hazards. He resided in Santa Barbara, California from 1983-1991 and moved to the Seattle, WA area in 1991. He and his wife, Karen, enjoy spending time with family and friends, travel, and taking advantage of the local shorelines, forests and mountains and cultural and sports events in Seattle. I look forward to working with my colleagues on the AEG Foundation Board to provide funding and create more opportunities for current and future students pursuing careers in environmental and engineering geology.

Questions or Comments? You can also contact us at: [staff@aegfoundation.org](mailto:staff@aegfoundation.org)

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

**Mail Delivery System** <MAILER-DAEMON@mailchannels.net>  
To: staff@aegfoundation.org

This is the mail system at host [relay.mailchannels.net](https://relay.mailchannels.net).

I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below.

For further assistance, please send mail to postmaster.

If you do so, please include this problem report. You can delete your own text from the attached returned message.

The mail system

<mjuckett@swri.org>: host mail.swri.org[129.162.252.140] said: 550 5.1.1  
<mjuckett@swri.org>... User Unknown (in reply to RCPT TO command)

Final-Recipient: rfc822; [mjuckett@swri.org](mailto:mjuckett@swri.org)  
Original-Recipient: rfc822;[mjuckett@swri.org](mailto:mjuckett@swri.org)  
Action: failed  
Status: 5.1.1  
Remote-MTA: dns; [mail.swri.org](https://mail.swri.org)  
Diagnostic-Code: smtp; 550 5.1.1 <mjuckett@swri.org>... User Unknown

---

 **noname**  
5K

---

**Mail Delivery System** <MAILER-DAEMON@mailchannels.net>  
To: staff@aegfoundation.org

Wed, Nov 15, 2023 at 9:12 PM

This is the mail system at host [relay.mailchannels.net](https://relay.mailchannels.net).

I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below.

For further assistance, please send mail to postmaster.


If you do so, please include this problem report. You can delete your own text from the attached returned message.

The mail system

<[vitor@mullergeo.com](mailto:vitor@mullergeo.com)>: Host or domain name not found. Name service error for  
name=[mullergeo.com](https://mullergeo.com) type=A: Host not found

Final-Recipient: rfc822; [vitor@mullergeo.com](mailto:vitor@mullergeo.com)  
Original-Recipient: rfc822;[vitor@mullergeo.com](mailto:vitor@mullergeo.com)  
Action: failed  
Status: 5.4.4  
Diagnostic-Code: X-Postfix; Host or domain name not found. Name service error  
for name=[mullergeo.com](https://mullergeo.com) type=A: Host not found

---

 **noname**  
5K

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**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>  
To: avazquezconsults@gmail.com

Wed, Nov 15, 2023 at 9:13 PM

[Quoted text hidden]

Final-Recipient: rfc822; [jesspencehumble@hotmail.com](mailto:jesspencehumble@hotmail.com)  
Action: failed  
Status: 4.4.2  
Remote-MTA: dns; [mail.aegfoundation.org](https://mail.aegfoundation.org) (70.32.23.61, the relay for the domain.)  
Diagnostic-Code: smtp; 535 Incorrect authentication data  
Last-Attempt-Date: Wed, 15 Nov 2023 21:13:49 -0800 (PST)

----- Forwarded message -----

From: AEG Foundation <staff@aegfoundation.org>  
To: A Vazquez <staff@aegfoundation.org>  
Cc:  
Bcc: [jesspencehumble@hotmail.com](mailto:jesspencehumble@hotmail.com)  
Date: Wed, 15 Nov 2023 21:06:07 -0800

Subject: AEG Foundation 4th Quarter Newsletter  
 ----- Message truncated -----

**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>  
 To: avazquezconsults@gmail.com

Wed, Nov 15, 2023 at 9:14 PM

[Quoted text hidden]

Final-Recipient: rfc822; [vcfrattali@comcast.net](mailto:vcfrattali@comcast.net)  
 Action: failed  
 Status: 4.4.2  
 Remote-MTA: dns; [mail.aegfoundation.org](http://mail.aegfoundation.org) (70.32.23.61, the relay for the domain.)  
 Diagnostic-Code: smtp; 535 Incorrect authentication data  
 Last-Attempt-Date: Wed, 15 Nov 2023 21:14:30 -0800 (PST)

----- Forwarded message -----

From: AEG Foundation <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 To: A Vazquez <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 Cc:  
 Bcc: [vcfrattali@comcast.net](mailto:vcfrattali@comcast.net)  
 Date: Wed, 15 Nov 2023 21:06:07 -0800  
 Subject: AEG Foundation 4th Quarter Newsletter  
 ----- Message truncated -----

**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>  
 To: avazquezconsults@gmail.com

Wed, Nov 15, 2023 at 9:15 PM

[Quoted text hidden]

Final-Recipient: rfc822; [timothy.dawson@conservation.ca.gov](mailto:timothy.dawson@conservation.ca.gov)  
 Action: failed  
 Status: 4.4.2  
 Remote-MTA: dns; [mail.aegfoundation.org](http://mail.aegfoundation.org) (70.32.23.61, the relay for the domain.)  
 Diagnostic-Code: smtp; 535 Incorrect authentication data  
 Last-Attempt-Date: Wed, 15 Nov 2023 21:15:00 -0800 (PST)

----- Forwarded message -----

From: AEG Foundation <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 To: A Vazquez <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 Cc:  
 Bcc: [timothy.dawson@conservation.ca.gov](mailto:timothy.dawson@conservation.ca.gov)  
 Date: Wed, 15 Nov 2023 21:06:07 -0800  
 Subject: AEG Foundation 4th Quarter Newsletter  
 ----- Message truncated -----

**Duane Kreuger** <[DKreuger@teamues.com](mailto:DKreuger@teamues.com)>  
 To: "Vazquez Alex ([staff@aegfoundation.org](mailto:staff@aegfoundation.org))" <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>

Thu, Nov 16, 2023 at 5:50 AM

Confirmed receipt!

From: AEG Foundation <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 Sent: Wednesday, November 15, 2023 11:06 PM  
 To: A Vazquez <[staff@aegfoundation.org](mailto:staff@aegfoundation.org)>  
 Subject: AEG Foundation 4th Quarter Newsletter

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 ZjQcmQRYFpfptBannerStart  
 This Message Is From an External Sender  
 This message came from outside your organization.  
 ZjQcmQRYFpfptBannerEnd

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[cid:ii\_lp0pq7x91]

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#### 4th QUARTER 2023 AEGF DIRECTOR SPOTLIGHT

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[cid:ii\_lp0pradr2]

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[cid:ii\_lp0psr2c3]

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[cid:ii\_lp0ptuz64]

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[www.aegfoundation.org](https://urldefense.com/v3/__http://www.aegfoundation.org__;!!G0gb!7vtLaT-PdNE1cflx2t19MFA5o11ayzVt_UnDWsWBvuNegNKtasb3eMax7adXbRLASjSuaSVWvr3SaPpbmw$>)<[https://urldefense.com/v3/\\_\\_http://www.aegfoundation.org\\_\\_;!!G0gb!7vtLaT-PdNE1cflx2t19MFA5o11ayzVt\\_UnDWsWBvuNegNKtasb3eMax7adXbRLASjSuaSVWvr3SaPpbmw\\$>](https://urldefense.com/v3/__http://www.aegfoundation.org__;!!G0gb!7vtLaT-PdNE1cflx2t19MFA5o11ayzVt_UnDWsWBvuNegNKtasb3eMax7adXbRLASjSuaSVWvr3SaPpbmw$>)>

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#### 4 attachments



**Annual Mtg Collage.jpg**  
434K



**pic 9.jpg**  
56K



**pic 8.jpg**  
270K



**pic 10.jpg**  
43K