In this issue of the CPG:

- President’s Message .............................................. 3
- Editor’s Remarks .................................................. 4
- AIPG Purposes ..................................................... 5
- Geo Events ............................................................ 5
- Legislative/Regulatory Report ................................. 9
- Colorado Geological Road Log Update .................. 11

Now Is The Summer of Our Discontent
The Colorado Professional Geologist

The Board usually meets the first Tuesday of each month at 7:00 AM; all members are invited to attend. Please contact a Board Member to confirm time and location.

Letters, articles, announcements, ads, etc. must be received by the Editor by the end of the fourth full week of the month preceding publication. Articles may be submitted via e-mail to the editor at: summitdatasvcs@msn.com

Copyright © 2020 by the Colorado Section, AIPG. Material may be reprinted with attribution. This is your newsletter, use it.

The opinions expressed are those of the authors and not the Colorado Section officers unless clearly stated otherwise.
President’s Message

Gosh, it’s Autumn already! Are the wildfires snuffed yet? Nope…unfortunately, some are still raging. Is COVID-19 gone yet? Nope…unfortunately still with us. Are students back in school yet? Some are…some aren’t…some hope to be soon! As Colorado continues to re-open and folks are getting out more – even attending outdoor sporting events in limited capacity - we need to keep wearing our face coverings and continue our social-distancing practices – it’s working and, with a vaccine likely on the way soon, we can beat this pandemic!

As for AIPG, the 2020 National Executive Committee Meeting teleconference is scheduled for October 17, 2020. As President of the Colorado Section, I have submitted our Section Report to the committee and will be on the teleconference call.

As I’m sure all are aware, there are local, state, and federal elections in a few weeks, on November 3, 2020; so, remember to get out and vote!! The Colorado Legislature will be back in session soon thereafter on January 13, 2021, for the First Regular Session of the 73rd General Assembly.

A legislative summary for the 2020 Session is presented below. As always, I encourage you to get/stay involved. Also below are many worthy weblinks regarding: Home School and Online Courses; Water News; Mining News; Petroleum News; and Environmental Remediation News along with other topics pertinent to Geoscientists.

Continued good luck to all, as we all try to get back to work and school! Be careful and stay healthy! Should you have any questions or would like further information on AIPG, please contact me at: tharp.rrllc@gmail.com.
Editor’s Remarks
James Russell

Nine months on and we still have smoke and COVID. Snow will stop one but not the other. Social distancing has prevented many significant outdoor events. Field trips are not what they used to be. Many of us are beginning to get ‘Zoom’ disease. Extroverts are particularly effected by this condition. As we enter the holiday season there may be some light at the end of the tunnel. Let’s hope. Soon we will be announcing a new slate of candidates for the Colorado Executive Board. Please take time to vote when announced.

Many thanks to Ron Pritchett. This issue includes many resources that the membership can access covering areas such as water, mining, environmental remediation, professional geology, petroleum, and nuclear energy. There is plenty here to keep engaged with industry and our profession.

Send in Your Articles!
AIPG Purposes

The purposes of the Institute shall include:

• advance the geological sciences and the profession of geology;
• establish qualifications for professional geologists;
• certify the qualifications of specific individual Member geologists to the public;
• promote high standards of ethical conduct among its Members and Adjuncts, and within the profession of geology; and represent, and advocate for, the geological profession before government and the general public.

What AIPG does . . .

• Professional Certification - Certifies geologists based on their Competence, Integrity, and Ethics.
• Categories of Membership - Certified Professional Geologist, Professional, Young Professional, Associate, and Student.

Ombudsman - Intervenes with regulatory boards and agencies on behalf of individual geologists, at the geologist's request. Information also is disseminated in cooperation with the Association of State Boards of Geologists.

Geo Events and Other Useful Links

RMAG Data Science Webinar Series
A 6-week online lecture series
October 13 - November 17; Tuesdays @ 11:30am
We are now offering the same content we had planned for a spring symposium as a series of one-hour online sessions. Each session includes 2 talks, or a talk and a chance to discuss data science with other geos.

Webinar series logistics:
Four sessions will feature two 20-minute lectures, with time for questions and answers after each lecture. Two sessions will include one 20-minute lecture and Q&A followed by moderated open discussion/networking time, hosted by the Rockies Members in Transition group. See below for a full listing of the topics, dates, and times. All sessions are held on Tuesdays with the exception of October 28th, which is a Wednesday.

Join us for the whole series or just one session!

Price: Series: $75/RMAG members; $110/non-members (includes membership); Individual sessions: $20/members; $25/non-members.

To register or get more info, go to https://www.rmag.org/events/2020/10/13/symposiums/data-science-webinar-series-full-series/
Geo Events and Other Useful Links (Continued)

Colorado State University, Department of Geosciences Seminar Schedule
Schedule posted at: https://www.colorado.edu/geologicalsciences/colloquium. Please call 970-491-5661 with any questions.


October 22. Simone Runyon, University of Wyoming. “Roots of porphyry copper systems – deep forms of hydrothermal alteration.”

Denver Mining Club October Schedule
DENVER MINING CLUB LTD. (www.denverminingclub.org)
Local Chapter of the INTERNATIONAL ORDER OF RAGGED ASS MINERS, Establ. 1891
Golden Corral Buffet & Grill
3677 South Santa Fe Drive, Sheridan, CO 80110 (Southwest side at Santa Fe Dr. & Hampden Ave.)
(Purchase of buffet lunch required)
Every Monday, except when noted; 11:30 a.m. - 1:00 p.m. (+/-)
VISITORS ALWAYS WELCOME!

October 19. Judy Colgan, Executive Director, Rocky Mountain Coal Mining Institute. “New Educational Videos on Energy to Share with Friends and Colleagues.”


Dick Beach, Secretary, (303) 986-6535. See past and future DMC talks at the web site: www.denverminingclub.org.
The Denver Mining Club is a public forum for the many facets of the mineral industry. Volunteer to give a talk if you have an interesting story to share; we’ll buy your lunch! Contact Ed Crabtree, 303-322-7460, email edcrabtree.patentlaw@gmail.com.
To register, go to https://smetwincities.123signup.com/event/registration/kgbqm

Important References!
Colorado Professional Geologist digital files all the way back to 1993 are posted to the CO AIPG dropbox site: Thank you David Abbott for creating and preserving this valuable record of AIPG Colorado ideas.
AND
Field Trip Files from 1974
Geo Events and Other Useful Links (Continued)

2020 Rocky Mountain Geo-Conference
Friday, November 6, 2020
Doubletree by Hilton, 8773 Yates Drive, Westminster, CO
The RMGC Planning Committee has worked with hotel staff to develop a safe setting to present in-person presentations. However, we will have limited seating available due to COVID-19 restrictions, so the Committee has teamed with Image Audio Visual (Image AV) to provide a hybrid in-person + virtual conference experience.
In-person conference attendance will conform with current COVID-19 restrictions on maximum gathering size and social distancing. For those attendees that are not able to join us in person, a reduced cost virtual attendance registration option is available. RMGC and Image AV will provide a professional, online conference platform that includes the live broadcast of presentations, a virtual exhibit hall through which exhibitors can present videos and product/service information, and an attendee lounge that allows connection with other attendees and exhibitors in an informal setting.
To register or get more info, go to https://static1.squarespace.com/static/57b31f46e3df2858a020ed3b/t/5f70db8a641b9366710b9bf1/1601231759586/20-09-24_RMGC+2020+Hybrid+Invite.pdf

Geothermal Resources Council 2020 Virtual Annual Meeting & Expo
October 18 23, 2020
This new virtual platform will allow attendees from around the globe to access the meetings program of activities and content, and network with other attendees and companies online from their home or office. Combined with our other activities that will all go digital including the Opening Reception, Plenary Session, Panel Sessions, Fieldtrips, Workshops, Networking Reception and Expo, this year's Technical Program contains a wide array of technical papers that will also be presented in a virtual format.
The virtual event offers technical, policy, and market conference sessions, educational seminars, tours of geothermal and renewable energy projects, and numerous networking opportunities. Want to learn more? See the Live Broadcast Program or visit the Why Attend page on the below website for more details.
For more information or to register, go to https://grc2020.mygeoenergynow.org/

Championing the role of geology in sustainable development.
Geology for Global Development (GfGD)
A U.K.-based organization promoting sustainable development

How can geology support sustainable development?
Many of the Sustainable Development Goals (SDGs) require improved management of natural resources (e.g., land, energy, water, minerals), or understanding of Earth processes to ensure people, jobs and infrastructure are resilient to environmental change or geological hazards.
Equipping Geologists.

We provide geologists with the skills to make an effective and positive contribution to sustainable development. Our University Groups are at the front line of this work. Student groups across universities in the UK promote the vital role of geology within development.
To learn more about this organization and their publicly available resources for education, please go to https://www.gfgd.org/
Colorado School of Mines October Van Tuyl Lectures
4:00 PM - 5:00 PM on given date
For further information on any lecture and how to connect to a given webinar, go to https://geology.mines.edu/events-calendar/lectures/ for more information.

October 22. GRADUATE SEMINAR SERIES. “Time Management: Insights from Current and Past Graduate Students (Establishing Successful Routines)” (virtual)

October 29. Julie Rowland, University of Auckland. TBA. (virtual)

SME Webinar: Leadership Training for Frontline Supervisor - Do or Die
October 13, 2020; 10:00 AM - 11:00 AM (Mountain)

Frontline supervisors hold key roles in any operation or project. They are the critical link between Management goals and the manpower to achieve them. They have a huge impact on your company culture (for better or worse). Frontline Supervisors are most often promoted based on excelling in a technical skill, but lack the experience and training required to lead people. Due this detrimental and pervasive skills gap, instead of being a conduit keeping information flowing back and forth, they become the break in the chain. Instead of creating buy-in and clarity, they become a source of confusion and mistrust. However, by focusing on a few key areas, your supervisors can build high functioning teams resulting in a safer, more productive and engaged workforce.

To register or get more info, go to https://smemi.personifycloud.com/PersonifyEbusiness/Events/SME-Events-Calendar/Meeting-Details/productId/10033397

Members in Transition Virtual Talk
October 15, 2020; 12 pm-1 pm MDT


COVID-19 and the oil price collapse have made working remotely on complex projects with distributed team members a necessity. Further, the need to cut costs, assure safety, and to optimize operations have caused a surge in demand for cloud-based applications. The setting is ideal for entrepreneurship because creative solutions are embraced, now more than ever. Join us to learn about the multi-faceted nature of technology. It's not just about programming, but about facilitating teamwork and being able to work with data in powerful, new ways.

Rocky Mountain Members in Transition (MiT) is a joint effort of members of AAPG, SPE, WOGA, COGA, DWLS, and RMAG in the Rocky Mountain region to help association members in the midst of a career transition.

Webinars are free and open to all
Register at https://www.rmag.org/events/2020/10/15/special-events/mit-online-talk-pivoting-to-tech/
NOTICE: This information is provided as a service to Colorado Section-AIPG members and others reading this newsletter. We advocate advancing the geological sciences and the profession of geology and promoting high standards of ethical conduct. We advocate for the geological profession before government and the general public. Information below the President’s Message is produced by Leg./Reg. Board Chair: currently Ron Pritchett. Information may not reflect consensus of the CO-AIPG or its governing Board. Comments or questions on announcements sent to Section members should be directed to the Colorado Section (Colorado-aipg@outlook.com) or to a referenced person or organization in a specific portion of this message.

Here is a link to the official Ballot Initiatives for Tuesday, Nov. 3rd, 2020. Through the months between legislative sessions, various committee meetings are held, such as Budget and Technology. See a Spreadsheet Summary of Proposed New Laws as of: 9/12/2020, color-coded as to natural resources and commerce related to water, oil & gas, mining, environmental remediation, professional practice, and modular nuclear energy. For details, please: visit this Bill Summary Website link, type-in a Bill number, click on the Bill Title, and read the Fiscal Notes associated with these Bills to see costs and details.

53 Bills that affect geologic professions were identified at the start of the year:

* 17 were signed to law
* 29 were killed ("Postponed Indefinitely")
* 7 were laid-over to year-end.

Note: Bills "Postponed Indefinitely" and "laid-over" will likely not be seen again in their original form, though the concepts may reappear in other Bills next year.

See this Ballotpedia link to see a sample ballot for your address. See all candidates running for State and National offices.

Recommendation: - Geocitizen Action

Thanks to all who have contacted Senators and Representatives to express your informed opinion for or against Bills that are constructive or destructive regarding prosperity potential derived from geologic professions.

Please review the positions of candidates in your Senate and House districts. Go to this link to find your Senator and Representative: Find My Legislator.

On November 3rd, your job and life-quality as a professional geologist will be impacted by election results. Please take time to vote for candidates who will work for you. * * *
See:
Citizens’ Guide to Lawmaking & Lobbying
Live and Archived video
Colorado Law Debate and Vote Process:

AIPG Members please consider Colorado State committee and board positions. See all Boards and Commissions populated by a Governor nomination and State Senate confirmation may be required; include your personal note with reference to the Board Position. Thank you for your Professional Geology! If you do not apply and serve, the Governor will appoint someone who may not have qualifications appropriate for wise use of natural resources.

Meanwhile - lend your expert opinion on legislation: please contact your Legislator

Lobbying groups which may have interests aligned with Colorado AIPG:
  * COGA (Colorado Oil and Gas Association): Public Affairs - Scott Prestridge
  * CAMRO (Colorado Alliance of Mineral Royalty Owners): President Neil Ray
  * CPA (Colorado Petroleum Association): Exec. Director Angie Binder
  * CMA (Colorado Mining Association): President Stan Dempsey
  * Colorado Water Congress: President: Erin Wilson
  * Energy Strong: President: Dustin Case
  * WEA (Western Energy Alliance) - Kathleen Sgamma
  * WOGA (Women in Oil and Gas Association) - Egle Metsaev, President

As Bills move through the legislature in 2019, AIPG Colorado may join the groups above in taking positions.
Colorado Geological Road Log Update

Sometime in the next two months your editor will be rolling out a new and improved Central Colorado Geological Road Log. ESRI has updated their ArcGIS Story Map software which requires your editor to do an overhaul of the materials in the current version. It also requires a lot of cutting and pasting from the old to the new version. I am currently busy updating and bug proofing this new version. I will let everyone know when the next version is available. The new version will show the user’s location on dynamic maps (geology and road maps) as they drive along the Interstate. As always, this application is free for all to use. All that is needed is an Internet connection accessed by cell phone, tablet, or laptop.

The current version can be found here: https://www.arcgis.com/apps/Cascade/index.html?appid=e2547951e5cc4406a44d417d85606762

Central Colorado Geologic Road Log

James Russell  |  August 14, 2020
David M. Abbott, Jr.
Consulting Geologist LLC
AIPG CPG, FAusIMM, EurGeol, PG-TX, UT, WY
evaluating natural resources, disclosures about them,
5055 Tamarac Street    Tel: 303-394-0321
dmageol@msn.com

Colorado Section email:
colorado-aipg@outlook.com
Use this email for registering for Section
events and other communications.

Condor Consulting, Inc.
Condor are world leaders in the processing
and analysis of geophysical data for minerals
exploration. Our two main areas of focus are
on the assessment of airborne geophysics
and the building of geological maps using
geophysical data.

Visit our web site to access more detailed
information about our services and download
from our extensive suite of case studies.

USA
2201 Kipling Street, Suite 150
Lakewood CO, 80215  303-423-8475

Canada
1030 West Georgia Street, Suite 1112
Vancouver BC, V6E 2Y3  604-830-8334