



Mining and Metallurgical Society of America

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President's Message MMSA and the New World

I am going to go out on a limb and guess that many of you as are "COVID-19 weary" as I am. As much as I wanted to write an article that didn't mention the COVID-19 pandemic, it wasn't in the cards. I'd like to say I have a magic crystal ball that shows "the new world" as we negotiate the changes caused by the COVID-19 experience, but, like everyone else, I am left to guessing and speculation. The likelihood that most of my speculations will be accurate is not probable – like trying to predict future metals prices. However, there is one thing I believe is true. MMSA will continue to be relevant and will play a role in "the new world" as we adapt to the changes brought about by COVID-19.



Amy E Jacobsen
MMSA President, 2019-2020

I can say this with confidence because the issues MMSA has been focusing on in the past couple of years have not changed and, although some of the drivers behind these issues have new dimensions, the mining and minerals industry is still relevant and critical to modern society. In looking at the silver lining behind the clouds, I believe the COVID-19 situation has increased the general public's realization that we (as a society) rely on incredibly complex supply chains that can be disrupted and those disruptions don't just affect "someone else," but they can and do affect each and every one of us. This provides our industry with an excellent opportunity to showcase our importance to the public and the policy makers.

Here is an update on our focused activities:

Public and political awareness of critical minerals and the role they play in the national and global economy. MMSA has just announced our first in a webinar series on this topic. It will be airing on August 19, 2020 and is titled "Evaluating Critical Mineral Commodity Supply Chains." The speaker is Mr. Nedal Nassar of the U.S. Geological Survey. This webinar is free. The Government Committee is already looking at organizing a second webinar in this series. Additionally, our members are helping the Women's Mining Coalition develop congressional communications to send to the Hill for the support of a strong US mining industry.

NEWS AT A GLANCE

2020 DUES

Regular Member—\$150

QP Member—\$250

+ \$50 for each QP category

Retired Members—\$50

for Regular

\$100 for QP

Still time to get your 2020 dues paid!

Retaining young professionals in the mineral industry. More than ever, recruiting and retaining talented young professionals is a critical path for the survival and success of our industry. The Quality Membership committee is working with the SME Young Leaders and other organizations to design and implement a young professionals mentoring program.

Continuation of the Abandoned Mine Land symposiums. Unfortunately, we had to postpone our April symposium in Phoenix to November 19, 2020. These symposiums bring together different groups with the goal of working toward solving this complex issue.

Ensuring a high quality QP program. MMSA has just finished a membership survey regarding continuing education for QPs. We are analyzing the results to determine ways we can support our QPs in growing in their knowledge and capabilities.

Developing Best Practices Guidelines for Technical Due Diligence Studies. A proper due diligence study is often as critical to investors as the technical reports prepared by QPs. The Next Big Thing committee is working on determining what should be included in this guideline and how to get input from the various stakeholders.

Obviously, we will be looking for additional opportunities to contribute to our industry as things develop as we move beyond the pandemic.

I would like to leave you with two thoughts that will help to ensure that the MMSA to remain relevant in the “new world.”

MMSA is a relatively small organization, yet because of the nature of our membership, we are able to accomplish some amazing and important programs. We cannot do this without the contribution of each of our members, even if that contribution is only in paying your dues. Because of our small size, our operating budget is limited and your dues are critical in being able to develop, promote and implement our current and future programs.

An organization is only as strong as the persons who make up its membership. Not every MMSA member is able or wants to be on a committee, yet every member represents this organization in their daily work and activities. For this reason, many of

you are in a great position to help to grow our organization. With new members, there are new ideas and perspectives. I challenge you to look around and help us to identify those who can help MMSA and our industry move into the future.

Stay well and stay safe!

Mineral Commodity Supply Risk

Save the Date- August 19, 2020

MMSA Webinar

The Covid-19 pandemic has increased awareness that our reliance on foreign products and minerals creates serious supply chain disruptions and vulnerabilities. To help inform the public policy dialogue about the Nation’s reliance on imports of the critical minerals needed for the domestic manufacturing and technology sectors and to develop conventional and renewable energy infrastructure, the MMSA Government Committee has scheduled a Webinar for August 19, 2020, featuring Nedal Nassar of the U. S. Geological Survey. He is the principal author of the report: *Evaluating the mineral commodity supply risk of the U.S. manufacturing sector*; published in Science Advances, February 2020. Mr. Nassar will discuss the findings of the paper with a slide presentation, followed by an audience Q & A.

Nedal Nassar of the U. S. Geological Survey, Chief of the Materials Flow Analysis Section at the National Minerals Information Center, U.S. Geological Survey: “Employing a systems perspective, my team and I examine the global stocks and flows of nonfuel mineral commodities at each stage of their life cycle to gain a more complete understanding of their status above ground. We analyze trends and examine concerns regarding foreign mineral dependency. We develop supply and demand scenarios to better anticipate potential shortfalls. We collaborate with other USGS Mission Areas to provide a more complete understanding of the mineral supply situation. We also collaborate with and provide analysis for other federal agencies to help them achieve their missions. In short, our work provides decision makers with the information necessary to ensure that the United States has a reliable supply of mineral resources.”

For more information about this free Webinar, send an email to: contactmmsa@mmsa.net .

Sign up for the Webinar at: <https://www.eventbrite.com/e/evaluating-critical-mineral-commodity-supply-chains-registration-105430511498>

CMA Webinar series

On Tuesday, May 5 The Colorado Mining Association hosted a Webinar entitled: *Worker Safety and Employer Liability in COVID-19 Responses*.

Recent law suits brought against large employers like Walmart and meat packing plants, claiming that these companies failed to adequately protect employees during the coronavirus outbreak, have highlighted potential liabilities that employers face as more employees begin to return to work and essential industry continues to operate while testing remains scarce.

You can view the recorded presentation [here](#).

Watch for upcoming webinars on the CMA website. <https://www.coloradomining.org/page/webinars>

**Women's Mining Coalition White Paper
Public Health Benefits of Copper**

Copper has proven antimicrobial and anti-viral properties that could play an important role in fighting the COVID-19 virus and in minimizing the spread of other viruses and bacteria that could cause future pandemics. See the paper here: <https://wmc-usa.org/>

Membership Update

Regular Member Additions:

Thomas Aldrich

QP Members Confirmed:

Thomas Aldrich Environmental/Permitting and Compliance

Membership Deletions:

Bill Hancock, Alfredo Parra, Gordon Sobering, Jaron Stanley

MMSA presently has a total of 334 members, **2 in process**. Currently, **201** members are QP members

Additions, deletions and routine changes to the Society's data base and member biographies are accessible through the Members Only page in our web site, at www.mmsa.net. This data base is the best source for information on any particular member.

National Mining Hall of Fame Announces Class of 2020

2020 National Mining Hall of Fame Inductees – The National Mining Hall of Fame and Museum (NMHFM) is pleased to announce five new members have been elected to the National Mining Hall of Fame. Selected by the National Mining Hall of Fame's Board of Governors from a pool of outstanding nominations, this year's inductees were chosen for groundbreaking work in biohydrometallurgy, economic geology, mine development, social responsibility and sustainability initiatives, as well as unparalleled skill in creating shareholder value.

The 33rd Annual National Mining Hall of Fame Induction Banquet will be held October 24, 2020, in Denver, CO, at the Marriott Denver South at Park Meadows. **2020 National Mining Hall of Fame Inductees** are Alberto Benavides, Dr. Roshan B. Bhappu, Hugh W. Evans, Raymond W. Threlkeld, and Dr. Spencer R Titley.

NOTE: Alberto Benavides and Dr. Roshan B. Bhappu were both MMSA members. Both now deceased.

Membership Applications

New Regular and QP Member Applications:

The following individual(s) have submitted membership applications and or changes to their membership status. They have either received approval of the Membership Committee as candidates or are currently under review:

If any member of MMSA has good cause to believe that any of the applicant(s) should not be granted Regular membership or QP membership, as appropriate, you are requested to make known your objections, in writing, to **Susan Wager**, Executive Director, within 30 days from issue of this Newsletter. In the absence of any objections and after receiving approval of the various committees, the candidate members and those members requesting a change of status will be confirmed as Regular Members or QP Members, as provided by the ByLaws.

Applicant

Endorsers

No new applications

QP Applications

Area of Special Expertise

No new applications