



Arizona Geological Society Newsletter

MAY 2021

Society Announcements

Greetings everyone,

Our plans for June are still being discussed so expect an update with details on that via email soon. In the meantime, we wanted to let the membership know that we will be considering a return to monthly dinner presentations for Fall 2021. Venue, speakers and dates to be determined.

If you have any questions or concerns regarding our plan for returning to the monthly dinner presentation format, feel free to contact us at ccampbell18@email.arizona.edu

Thanks,

Colin

2021 AGS Secretary

If you are interested in sponsoring future AGS virtual meetings, please contact:

info@arizonageologicalsoc.org

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Member News

Congratulations to member Dr. Isabel Barton who recently received a 2021 National Science Foundation (NSF) CAREER award, which is NSF's most prestigious award supporting early-career faculty. The recognition comes with a \$500,000 grant to support her research and outreach, which is focused on interdisciplinary geometalurgical studies related to ore deposits and metallurgy.

How are we doing?

The AGS Executive Committee would love to hear your feedback on the direction of the society and what you would like to see more of in the upcoming months.

The 2021 AGS virtual speaker series performance has been encouraging with our average attendance for virtual talks exceeding our previous in-person meetings. As a result, we would like to hear your thoughts on the format and if it is something you would like to see more of in the future.

Feedback can be sent to ccampbell18@email.arizona.edu

Work Opportunities

Temporary positions:

Geotemps, Inc. is recruiting for an **Exploration Geologist**. This position is located outside of Fairbanks, AK on a surface gold mining operation. The Mine Site Geologist will be processing core samples, collecting core samples from the drill, and keep accurate records. The ideal candidate should have some core logging experience or have at least 2 years of schooling completed in BS in Geology or Geoscience preferably in Alaska. Please note: Interested parties should be aware that this is not a camp position and employees will be responsible for housing, meals, and transportation to and from site. Expenses may be covered, pending a conversation with the client.

Geotemps, Inc. is recruiting for an **Exploration Geologist**. This position is located outside of Tok, AK on a surface gold mining operation. The client is open to candidates from all different areas, but candidates local to the Fairbanks area or Alaska are preferred. The Exploration Geologist will be processing core samples, collecting core samples from the drill, and keeping accurate records. The ideal candidate should have at least 2-3 seasons of logging experience preferably in Alaska. This is a camp position with a 20 on/10 off working rotation.

Contact Information for interested members: Stacey Forte at sforte@geotemps.com



Arizona surges to the top of mining jurisdictions worldwide!

Arizona Geology Blog

22 April 2021

Since 1997 the Fraser Institute has annually surveyed the global mining industry regarding the attractiveness and challenges of mining by jurisdiction. In surveying mining executives and consultants in 2020, they ranked 77 jurisdictions from across the globe on their geologic attractiveness (potential for minerals and metals), and government policies encouraging or deterring exploration and investment, among other parameters.

In 2020, Arizona jumped to 2nd of the 77 jurisdictions in the Investment Attractiveness Index; Arizona ranked 9th in Investment Attractiveness in 2019. Nevada ranked 1st and Saskatchewan and Western Australia ranked 3rd and 4th, respectively, in 2020; Alaska rounded out the top five jurisdictions.

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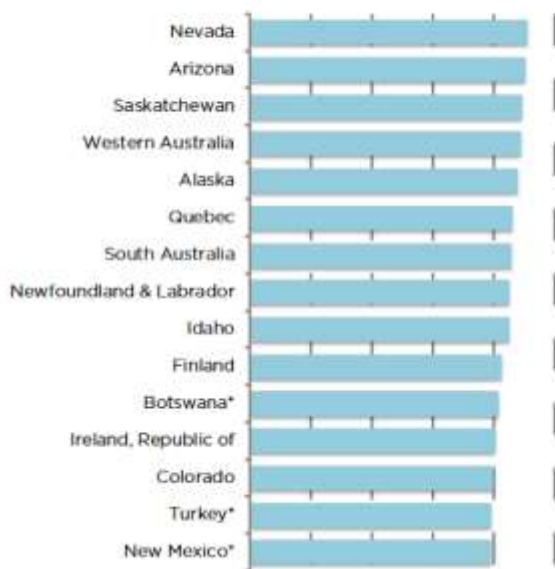


Infographic from Fraser Institute 2020 report

According to Jairo Yunis, Fraser Institute policy analyst, “A sound regulatory regime coupled with competitive taxes makes a jurisdiction attractive to investors.” (Source: Fraser Institute News Release.)

In the field of Best Practices Mineral Potential Index, Arizona topped the 77 jurisdictions followed by Nevada, Turkey, Saskatchewan and Alaska. In evaluating ‘Availability of Labor/Skills’, Arizona ranked 12th, behind Utah (7th), Nevada (9th), and Idaho (11th) in the U.S.

Figure 3: Investment Attractiveness Index



Top 15 jurisdictions worldwide in Investment Attractiveness Index. Source Figure 3 from Fraser Institute 2020 report.

In the category of Policy Perception Index, Arizona ranks 7th overall (up from 10th in 2019 and 19th in 2018); Idaho, Wyoming, Finland, Republic of Ireland, Nevada and Utah claim the top six spots. According to the Yunis and Aliakbari (2021) in rating Arizona, "Miners expressed decreased concern over uncertainty concerning disputed land claims (-15 points), socioeconomic agreements and community development conditions..."

Arizona currently produces ~65% of U.S. copper. The state's mineral future looks bright as the U.S. economy migrates to green energy, which relies heavily on copper produced domestically.

"The [Fraser Institute](#) is an independent Canadian public policy research and educational organization with offices in Vancouver, Calgary, Toronto, and Montreal".

Resource

Yunis, J. and Aliakbari, E, 2021, [Fraser Institute Annual Survey of Mining Companies, 2020](#). Fraser Institute, Vancouver, Canada.

Blog Post: <https://blog.azgs.arizona.edu/index.php/blog/2021-04/arizona-surges-top-mining-jurisdictions-worldwide>





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AGS MEMBERSHIP APPLICATION OR RENEWAL FORM

YOU CAN RENEW OR SIGN UP as a new member and pay online. Please go to our website, arizonageologicalsoc.org. Or use the form below if you are more comfortable with the old school approach.

Please mail check with membership form to: Arizona Geological Society, PO Box 40952, Tucson, AZ 85717

Dues (check box) 1 year: \$35; full-time student (membership is free)

NEW MEMBER or RENEWAL? (circle one) Date of submittal _____

Name: _____ Position: _____

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All newsletters will be sent by email. If you do not have an email address, we will mail a hard copy to you, but we cannot guarantee timeliness.

If registered geologist/engineer, indicate registration number and State: _____

Enclosed is a _____ tax-deductible contribution to the J. Harold Courtright or the M. Lee Allison Scholarship Funds.