



Association of Applied Geochemists

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MESSAGE FROM THE PRESIDENT, JOHN CARRANZA



John Carranza
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It is a great honour that the Association of Applied Geochemists (AAG) has bestowed upon me to serve as its President for 2022–2023. I thank Dennis Arne for leading the AAG strongly over the past two years, which were made difficult by the Covid-19 pandemic. So difficult were those two years that the AAG was unable to celebrate its 50th anniversary at the 29th International Applied Geochemistry Symposium (IAGS), which was scheduled originally for November 2020 in Viña del Mar, Chile. I also thank Brian Townley, chair of the local organizing committee, for persevering in the organization of the 29th IAGS in those two difficult years. We are now hopeful, even though Covid-19 has not yet fully gone away, that we will be able to finally hold the 29th IAGS in the same Chilean city on October 16–22, 2022.

Dennis Arne will continue to serve on the Executive Council as Past President and chair of the Awards and Medals Committee, along with Gwendy Hall (Treasurer) and Dave Smith (Secretary). I thank Yulia Uvarova for agreeing to take on the role of AAG Vice President and as coordinator of the Regional Councillors. I welcome the new councillors for 2022–2023, namely Renguang Zuo, Alexander Seyfarth, Cliff Stanley, Jamil Sader, and Thomas Bissig (with Alexander and Jamil both starting their first term). I acknowledge the existing councillors for 2021–2022, namely Patrice de Caritat, Dave Heberlein, Paul Morris, Ryan Noble, Pim van Geffen, and Steve Cook. The AAG Council is further supported by its Regional Councillors, namely Kate Knights (UK and Republic of Ireland), Joao Larizzatti (Brazil), Brian Townley (Chile), Pertti Sarala (Northern Europe), Benedetto de Vivo (Southern Europe), and Iftikhar Malik (Southeast Asia). We have a new Regional Councillor for Northern Africa, Silas Sunday Dada, and Theo Davies continues as Regional Councillor for Southern Africa.

I thank the outgoing councillors (2020–2021) Maurizo Barbieri, Thomas Bissig, Steve Cook, Beth McClenaghan, David Murphy, and Yulia Uvarova for their contributions in the last two years, and Steve Cook for his role as chair of the Awards and Medals Committee. David Murphy continues as chair of the Education Committee, Beth McClenaghan continues as Coordinator for *EXPLORE*, and Steve Cook continues as the Business Manager for *EXPLORE*. The other Fellows who will continue their service to AAG are Paul Morris (chair of New Membership Committee), David Cohen (chair of the Symposia Committee, and coordinator of the AAG Student Paper Prize and the Geoscience Councils), Scott Wood (editor of *GEEA*), and Tom Meuzelaar (webmaster of the AAG website). It will be a pleasure working with the above-mentioned Fellows, as well as with Al Arsenault, AAG's business manager, and I thank them in advance for the support and contributions they will be providing AAG during my term.

In spite of the rescheduling of the 29th IAGS, we had a 5% increase in our membership during 2021. This is a positive sign, but we need to be more proactive in promoting and engaging with the next generation of [applied] geochemists. To this end, the AAG council has endorsed

a number of projects, a few of which I mention here. First, the development of a continuing professional development program (CPD) is progressing under the expert leadership of David Cohen. Second, a special volume of papers on the fundamentals of exploration geochemistry will be published in *GEEA*, with Thomas Bissig, Ryan Noble, Beth McClenaghan, and Dennis Arne as guest editors. The topics/papers that will be included in this special volume will capture some of the collective knowledge and wisdom held by Members and Fellows of the AAG, and will provide some of the content for the CPD program. Hopefully, once completed, these and other existing and future projects of AAG will attract new memberships. We hope to increase not only the number of young Members and Fellows, but also the number of Senior Members and Fellows because the recently revised AAG by-law has removed the necessity of establishing whether a Senior Member or Fellow is actually retired and replaced it with just a set age of 65 for eligibility.

Finally, let us hope that 2022 is the year the Covid-19 pandemic ends, and I hope to meet many of you at the 29th IAGS.

RECENT ARTICLES PUBLISHED IN EXPLORE

The following abstract is for an article that appeared in issue 192 (September 2021) of the EXPLORE Newsletter.

“Geochemistry of LCT Pegmatites in Part of Northeastern Nasarawa State, North Central Nigeria”

A. Chukwu¹, S.C. Obiora², and T.C. Davies³

The pegmatites in northeastern Nasarawa occur within the reactivated belt of the basement complex of Nigeria. These pegmatites consist predominantly of complex pegmatites (rare-metal enriched) situated in southern parts of the map area, whereas simple pegmatites occur in the northern parts of the map area. These pegmatites intruded a gneiss-migmatitic gneiss complex consisting of metasedimentary rocks with granitic gneisses and biotite gneisses. The complex pegmatites are composed of quartz, albite, and muscovite with tourmaline. Garnet, ilmenite, and minor tin-columbite-tantalite mineralization constitute accessory minerals, contrasting with the simple biotite-microcline pegmatites. These pegmatites are highly peraluminous, however, the rare-metal pegmatites are much more fractionated than the simple pegmatites. The rare metal pegmatites are relatively enriched in Rb, Li, Cs, B, Be, Nb, and Ta, with low K/Rb and Al/Ga ratios relative to the simple biotite-microcline pegmatites. All of these pegmatites are likely product of anatexis of sedimentary rocks, and possibly derivative from fractionated S-type granites.

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The full article of the above abstract can be viewed at: <https://www.appliedgeochemists.org/index.php/publications/explore-newsletter>



Association of Applied Geochemists

Writing Geochemical Reports 3rd Edition



Lynda Bloom and Owen P. Lavin
Editors

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The objective of these guidelines is to provide clear instructions for reporting surficial geochemical results, together with the requisite supporting information to evaluate those results for accuracy, integrity, and credibility. The target audience for these guidelines is anyone charged with reporting geochemical results, which includes, but is not limited to, company geoscientists, external consultants and contractors, government scientists, and university scientists and students.

This edition of the document consists of a brief general discussion on contextual information, sampling, quality control sample insertion and reporting, sample preparation, laboratory analysis, analyses in the field, data compilation and integration, and data presentation. Specific guidelines are provided by experts for the following survey types.

- Drainage surveys
- Lake sediment surveys
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