



International Association on the Genesis of Ore Deposits

www.iagod.org

MEET THE NEW IAGOD COUNCIL

The general assembly of IAGOD in London (August 2023) elected a new council that will serve during the period of 2024–2028 and deliver the 2026 Quadrennial Symposium in Porto, Portugal. With a focus on the energy transition, we're looking forward to welcoming you to an excellent meeting that aims to address opportunities, as well as challenges, in this pivotal moment for our civilization. The new council includes:

Executive Councillors



President **Dr Tânia Martins**

Tânia Martins (PhD 2009, University of Porto, Portugal) is Chief Geologist for the Precambrian Geoscience section of the Manitoba Geological Survey, Winnipeg, Canada. Her research interests are in Li-Cs-Sn-Nb-Ta mineralization in granitic pegmatites, critical mineral systems, and how these fit in the tectonic evolution of the Precambrian terrains in Manitoba.



Executive Secretary **Dr Wei Jian**

Wei Jian (PhD 2015, Technische Universität Clausthal, Germany) is an associate researcher at the China University of Geosciences, Beijing, China. His principal research interests are in the mineralogy, fluid inclusion, and ore-forming process of hydrothermal gold deposits.



Chief Treasurer **Dr Alla Dolgoplova**

Alla Dolgoplova (PhD 2005, Royal School of Mines, Imperial College London, UK) is a principal researcher at the Natural History Museum, London, United Kingdom and Co-Leader of CERCAMS (Centre for Russian and Central Eurasian Mineral Studies). She researches the behaviour of metals critical for our modern economy in Earth systems.

Alla is a visiting professor at the Ocean University of China, Qingdao, and adjunct professor at universities in Almaty and Oskemen (Kazakhstan).



Promotions Manager **Prof David Lentz**

David Lentz (PhD 1992, University of Ottawa, Canada) is the research chair in economic geology at the University of New Brunswick, Canada. His principal research interests include magmatic–hydrothermal processes associated with the formation of massive sulphide deposits, porphyry Cu-Mo-Au systems, and granite-related

Sn-W-Mo-Au skarn, IOA (iron oxide apatite) and IOCG (iron oxide copper-gold, REY, U) systems.



Publications Manager and Webmaster **Prof Jens Andersen**

Jens Andersen (PhD 1996, University of Copenhagen, Denmark) is an associate professor of economic geology at Camborne School of Mines, University of Exeter, United Kingdom. His principal research focus is to develop our understanding of metals associated with igneous rocks, including PGEs, Ni, Co, V, and Ti in mafic–ultramafic layered intrusions; and Li, In, Sn and W in granite-related magmatic-hydrothermal systems.

Regional Councillors

Africa **Prof Thierry Olivier Bineli-Betsi**, Botswana International University of Science and Technology, Palapye, Botswana

Asia **Prof Batkhishig Bayaraa**, Mongolian University of Science and Technology, Ulan Bator, Mongolia

Australasia **Prof Nigel Cook**, University of Adelaide, Australia

China **Dr Xiaobo Zhao**, China University of Geosciences, Beijing, China

Europe **Dr Thomas Belgrano**, University College Dublin, Ireland

North America **Dr Nadia Mohammadi**, Natural Resources Canada, Ottawa, Canada

South America **Dr Andreas Dietrich**, Dietrich Consulting, Santiago, Chile

Other Councillors and Officers

Past President **Dr Sean McClenaghan**, Trinity College Dublin, Ireland

First Vice President **Dr Helena Sant'Ovaia**, University of Porto, Portugal

Second Vice President **Dr Junfeng Xiang**, Chinese Academy of Geological Sciences, Beijing, China

First Vice President at Large **Dr Olena Ganzha**, National Academy of Sciences, Ukraine

Second Vice President at Large **Ms Mary Barton**, Namibia

Ex-officio officers **Prof David Banks**, **Dr Jan Pašava** for SGA, and **Dr Andreas Nägele** for Schweizerbart

IN MEMORIAM: MIROSLAV ŠTEMPROK (1933–2023)



PHOTO: EMILIE KUBÍKOVÁ.

Professor Miroslav Štemprok (Mirek), former research scientist at the Czech Geological Survey and emeritus professor at the Charles University in Prague, sadly passed away on November 15, 2023. He was an internationally renowned expert on highly evolved granitic rocks and associated mineralization, particularly Sn-W greisen deposits. Mirek graduated with a MSc (1955) from Charles University (Czech Republic) and PhD (1962) on the Cínovec (Zinnwald) deposit in the Eastern Erzgebirge, followed by postdoctoral fellowships at Penn State, USA (with Hubert L. Barnes), the Geophysical Laboratory, USA (with Gunnar Kullerud), and the University of Heidelberg, Germany (with Günter Moh). Upon his return, he established the first experimental geochemistry laboratory in the former Czechoslovakia and was promoted to associate professor in 1969. He became a pioneer in the experimental studies of Sn, W, and Mo solubility in silicate melts and the complex interaction between granitic rocks and highly saline fluids. His field-based projects on Sn-W-Mo greisens,

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International Association of GeoChemistry

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IN LOVING MEMORY OF STEVEN BANWART

Our hearts are heavy as we come together to honor the memory of our cherished friend and colleague, Steven Banwart, affectionately known as “Barney” to many of us. It is with deep sorrow that we share the heartbreaking news of his passing on December 30, 2023 due to a massive cerebral hemorrhage stroke. Steve’s departure has left an irreplaceable void in our lives, but as we gather to celebrate his extraordinary life, let us also reflect on the enduring legacy he leaves behind.



Steve was not just a scientist; he was a beacon of inspiration in the world of scientific discovery. He dedicated nearly three decades of his life to the development of the “critical zone” concept, leaving an indelible mark on the British, European, and global critical zone communities. His roles as Dean for Global Development, Director of the Global Food and Environment Institute, and Leadership Chair in Integrating Soil/Agriculture/Water Research at the University of Leeds underscore his commitment to groundbreaking research.

Among his many accomplishments, Steve’s leadership as the Principal Investigator of the European SoilTrec project from 2009 to 2014 stands as a testament to his visionary spirit. This project played a pivotal role in uniting the European critical zone community and set the stage for similar initiatives worldwide. Steve’s unwavering dedication and passionate advocacy for an integrative scientific vision enriched our understanding of the critical zone.

Yet, Steve’s greatness extended far beyond his scientific achievements. He was a compassionate and empathetic human being, always lending a listening ear to his colleagues. His authentic concern for others, coupled with his unwavering belief in the significance of critical zone research, made him a beloved figure in our scientific community.

Steve’s commitment transcended the confines of the laboratory. He actively contributed to the IAGC community as the Chair of the GES working group and served on the council since 2012. His tireless efforts in promoting our association’s mission exemplified his dedication to advancing our shared goals.

For many of us, our connection with Steve extended beyond the boundaries of science. His infectious spirit and camaraderie endeared him to us as not just a colleague but a cherished friend. Steven was not only a friend but a guiding light who helped us navigate the complexities of life and science. Though his absence leaves a void that cannot be filled, his legacy will forever inspire us. In his memory, we pledge to carry forward his important research and uphold the values he cherished. While we mourn his passing, we find solace in knowing that his spirit lives on in the hearts and minds of all who had the privilege of knowing him.

As we grieve the loss of this exceptional individual, our hearts reach out to his family during this difficult time. We share in their sorrow and offer our deepest sympathies.

To Steve’s family, we extend our heartfelt condolences. Rest in peace, dear friend.

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W skarns and fluorite occurrences in the Erzgebirge culminated in pioneering studies on the genesis of ore-bearing granites and the role of associated mafic magmatism. In parallel, he acted as a mineral exploration consultant and visiting lecturer in Australia, Asia, and South Africa. In 1973–1980, he led the highly published IGC project 26 ‘Metallization associated with acid magmatism’.

Mirek was a founding member, general secretary, and honorary life member of IAGOD. He was president of the Czech Geological Society (1990–1994), served on the board of directors of the Geologische Vereinigung (1992–1996), and was president of the Czech national geological commission (1996–2000). After political changes in Eastern Europe, Charles University promoted him to full professor (1993), and he became director of the geoscience analytical facilities (1994–1998). He taught economic geology and phase equilibria for nearly 50 years until his retirement as emeritus professor in 2010. He received the Cyril Purkyně award from the Czech Geological Survey and the Kutina-Smirnov medal from IAGOD in 2018.

Mirek was a remarkable international scientist with many worldwide collaborations. Those who met him admired and sought his insight and perspective, rational advice, and generous encouragement. We have lost an excellent scientist, a modest colleague, and first and foremost, a friend. He will be missed by many.

By **Prof David Dolejš**, University of Freiburg, Germany



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