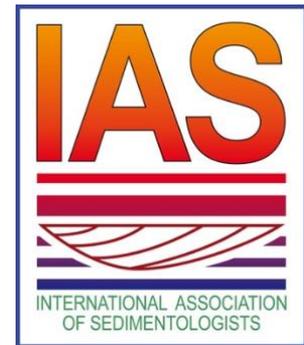


The Newsletter of the International Association of Sedimentologists

Issue 10, 2020



Dear IAS Members,
Welcome to the October 2020 IAS Newsletter.

This month, we are delighted to announce the call for nominations for the Richard W. Faas Research Prize 2021 – closing date 30th November! We are also very pleased to open the Spring 2021 round of IAS grant applications – the March deadline may seem to be a long way off but, be assured, it is roaring towards us with the inevitability of a turbidity current!

As we draw closer to the end of the year, it can be easy to forget to renew our annual memberships. Remember that, to take advantage of all that the IAS has to offer, you need to keep your membership up to date – go on, renew now, it'll only take a minute....

During the recent, rather 'unusual', times we have seen a marked increase in manuscript submissions to our three journals – *Sedimentology*, *The Depositional Record*, *Basin Research*. Be assured, our Volunteer Editorial Boards are working overtime to read you fantastic Science and, to help address the increase in submissions, we are also thrilled to announce the addition of several new Associate Editors.

Please feel free to distribute this newsletter amongst any colleagues who have yet to realise the benefits of membership of the IAS.

On behalf of the Society, I wish you and your families continued safety and good health.

Stephen Lokier, *General Secretary*

Stay up to date – Follow the IAS on Social Media!

Follow the IAS on [Facebook](#), [Twitter](#), [WeChat](#) and [LinkedIn](#) to keep up to date with all of the latest news, announcements and happenings.

@[sedimentology](#) and IAS沉积学之家



Membership renewal for 2021 Don't miss out on all the IAS has to offer!

2020 has been a rather 'interesting' year for us all with a plethora of new challenges and a landscape that is potentially very different to the one we envisaged at the close of 2019.

Despite the effects of the pandemic, the IAS has continued to support our Sedimentology community. Our Journals have seen unprecedented manuscript submissions. We have continued to distribute grants to MSc and PhD students, post docs and institutions – grants that have been vital in helping some people cope with the changes to their research as a result of the pandemic.

In addition, the IAS has recently initiated sponsorship agreements with a number of new initiatives to help our community during these unprecedented times. These include the [CarbonateWorld \(carbonateworld.com\)](http://carbonateworld.com) online carbonate petrography atlas and the [Seds Online \(sedsonline.com\)](http://sedsonline.com) initiative to help bring the sedimentology community together through a range of coffee breaks, webinars and teaching resources.

Be assured, we are not resting on our laurels, we currently have a number of new projects 'in development' and you can look forward to announcements in the very near future!

IAS memberships run on an annual basis (1st January – 31st December) so, we would like to take this opportunity to invite you to renew your membership for 2021.

You can find a complete list of the benefits of membership of the IAS [website](#).

You may also consider becoming a full member for 5 years at a cost of only €100 – effectively getting one year's membership for free. And, since the start of 2020, we are also offering 'lifelong' membership for just €400.

We realise that this 'reminder' may seem a little early, but early renewal is particularly essential for those members who have elected to continue to receive printed copies of our journals. Print numbers for each issue are carefully monitored in order to keep printing charges for the society to a minimum and keep our environmental impact as low as possible. If you do not wish to receive a printed copy of our journals then please choose this option under the Membership section of My Profile on the IAS web site – all money saved on printing is, of course, ploughed back into the activities of the IAS.

Remember, we are not for profit – we are for you!

STUDENT	FULL
STARTING FROM 10€	STARTING FROM 25€ /year
INCLUDED	INCLUDED
Annual membership fee	Annual membership fee
Online Sedimentology Online Basin Research Online Special Publications (5+ years)	Online Sedimentology Online Basin Research Online Special Publications (5+ years)
Travel Grants Postgraduate Grants J. McKenzie Field Work Award Conference Sponsorship Request	Post-doctoral Grants Institutional Grants Conference Sponsorship Request
Printed Sedimentology at favourable rates Reduction for IAS Conferences Printed thematic books discounts	Printed Sedimentology at reduced fee Reduction for IAS Conferences Printed thematic books discounts
Special Lecture Tour hosting	Special Lecture Tour hosting
Newsletter Contributed Content Members Directory	Newsletter Contributed Content Members Directory
OPTIONAL	OPTIONAL
Printed Sedimentology +20€ Online Petroleum Geology +45€ Online + Printed Petroleum Geology +50€ Friendship Scheme Sponsor +15€	Multiple years membership at reduced fee Lifelong membership at reduced fee Printed Sedimentology +20€ /year Online Petroleum Geology +45€ /year Online + Printed Petroleum Geology +50€ /year Friendship Scheme Sponsor +15€ /year

CALL for nominations for the 2021 Richard W. Faas Research Prize

IAS and the Faas family invite nominations for the 2021 Richard W. Faas Research Prize.

The prize will be awarded during the 35th IAS International Meeting of Sedimentology, Prague, Czech Republic (22-24 June 2021) and will recognise outstanding work in the field of marine sedimentology and particularly research dealing with fine-grained marine and estuarine sediments. PhD students and post-doctoral researchers can be nominated. Candidates should have obtained their PhD not more than 5 years before the date of the award ceremony, i.e. the annual meeting of the IAS.



More details about this prize and about the nomination procedure and requirements can be found [here](#).

Please send your nominations to the [IAS Secretary General](#) before 30th November 2020 24h00 Brussels Time (CET, UTC+1).

IAS Regional Correspondents

The IAS [Regional Correspondents](#) are your local hotline to the IAS.

Check out the [News Feed](#) to see what is happening in your local community. At this link you will also be able to select your correspondent and even elect to receive information from multiple correspondents.

IAS [Regional Correspondents](#) are IAS Members who have volunteered to act as a representative between sedimentologists in their region and the IAS. If you know of any sedimentology events going on in your region, then please get in touch with your Regional Correspondent and let them know. Similarly, if your region lacks a Regional Correspondent ([see the map here](#)) and you would like to propose an IAS Member (Full or Student), or yourself, for this position then please send an email to the [General Secretary](#).

AMERICAS

ARGENTINA ERNESTO SCHWARZ • BOLIVIA GRISEL JIMENEZ SOTO • BRAZIL GIORGIO BASILICI • CANADA ALEXANDRE NORMANDEAU • ECUADOR JORGE TORO ALAIZA • UNITED STATES GAIL ASHLEY • VENEZUELA JHONNY E. CASAS

EUROPE

AUSTRIA SIGRID MISSONI • BELGIUM ANNE-CHRISTINE DA SILVA • BULGARIA GEORGE AJDANLIJSKY • CROATIA LARA WACHA • CZECHIA ONDREJ BABEK • DENMARK MORTEN BJERAGER • FINLAND KARI STRAND • FRANCE EMMANUELLE VENNIN • GERMANY SEBASTIAN LINDHORST • GREECE PAVLOS AVRAMIDIS • HUNGARY ANDREA MINDSZENTY • IRELAND PETER HAUGHTON • ITALY MARCO BRANDANO • MALTA PETER GATT • NETHERLANDS JOÃO P. TRABUCHO ALEXANDRE • NORWAY STEN-ANDREAS GRUNDVAG • PORTUGAL PEDRO CUNHA • RUSSIA DMITRY GRAZHDANKIN • SLOVAKIA MICHAL ŠÚJAN • SLOVENIA ADRIJAN KOSIR • SPAIN JUAN IGNACIO BACETA • SWEDEN THOMAS STEVENS • SWITZERLAND HENDRIK VOGEL • UNITED KINGDOM JACO H. BAAS

AFRICA

BOTSWANA FULVIO FRANCHI • EGYPT MAGDA ABOU EL SAFA • SOUTH AFRICA ZUBAIR JINNAH

ASIA

CHINA XUELIAN YOU • GEORGIA TAMAR BERIDZE • INDIA ROHIT KUMAR • IRAN MOHAMMAD LANKARANI • ISRAEL NICOLAS WALDMANN • JAPAN TAKAKO UTSUGAWA • KUWAIT ALHAM JASEM AL-LANGAWI • MALAYSIA HAYLAY TSEGAB GEBRETSADIK • OMAN IFTIKHAR AHMED ABBASI • SAUDI ARABIA ALEXANDER PETROVIC • TAIWAN STEVEN LAI • THAILAND KASIRA LAITRAKULL • TURKEY EZHER TAGLIASACCHI • UNITED ARAB EMIRATES DOMINIK HENNHOFER

OCEANIA

AUSTRALIA SARA MORÓN • NEW ZEALAND KAROLY NEMETH

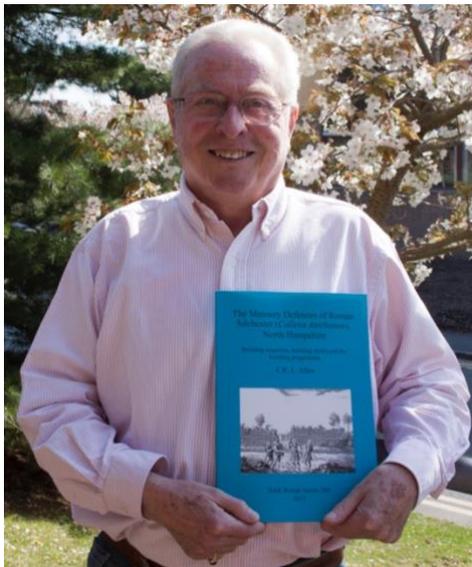
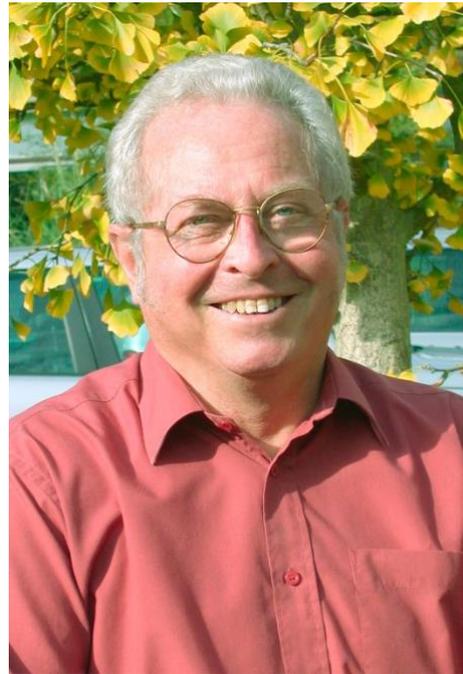
Obituary: Professor John R.L. Allen, 25th October 1932 – 18th October 2020

It is with great sadness that we have recently learned of the death of John Allen after a short illness.

John was, without doubt, one of the giants of physical sedimentology – not only for his contributions to sediment transport studies and the origins of sedimentary structures, but also for his pioneering studies of fluvial, deltaic and estuarine deposits.

For over 30 years John's *Sedimentary Structures: their Character and Physical Basis* has been the 'go to' text for students, researchers and industry professionals alike.

In 1955 John graduated with a 1st Class degree in Geology from the University of Sheffield, proceeding straight to a PhD. Famously declining to submit his thesis, John published a plethora of papers with which he gained his DSc. The award of the *Martin Lees Research Fellowship* saw John move to the University of Reading in 1958. At Reading, John thrived – being appointed to Lecturer (1961), Reader (1967) and Personal Professor (1972). In 1988 John was appointed as the first Director of the Postgraduate Research Institute for Sedimentology.



John was equally at home with the rock record and modern sedimentary environments, and had a unique capacity to integrate empirical, theoretical and experimental approaches to the study of sedimentary and other problems. His major contributions went far beyond *Sedimentary Structures* and the Old Red Sandstone; over the course of his career he contributed significantly to the understanding of sedimentary processes and sediment properties, Quaternary environmental history, the geomorphology of estuaries and saltmarshes, geoarchaeology and, in later years, geological aspects of church architecture, gravestones and archaeological artefacts. He was, in short, a true polymath, dependent fundamentally on his own intrinsic abilities and sense of inquiry.

John received a plethora of national and international awards, including the International Association of Sedimentologists Sorby Medal in 1994, and had the rare achievement of being elected as both a Fellow of the Royal Society (1979) and the Society of Antiquaries (1991).

An [online message board](#) has been set up where students, colleagues and friend of John can submit their messages and memories of John to be passed on to his family.

With contributions from V. Paul Wright, Ken Pye, Hazel McGoff

Announcing New Sedimentology Associate Editors

The IAS is delighted to announce that 4 new Associate Editors have joined the Editorial Board of Sedimentology!



Dr Victoria Valdez Buso is a research fellow at Universidade do Vale do Rio dos Sinos (Brazil) and Honorary research fellow at University of Aberdeen, her current postdoc deals with the Pres-salt of Santos Basin. She has a broad experience in deep-water systems including lobes, splays and confined/ponded sandstone sheets. Also, she worked with channel fills and their overbanks, and mass transport deposits (MTDs) and their impact on reservoir development. She has field experience on deep-water outcrops of Argentina, Brazil, Chile, China, (Qinghai Province and Tibet), France, Spain and Mexico (Baja California).

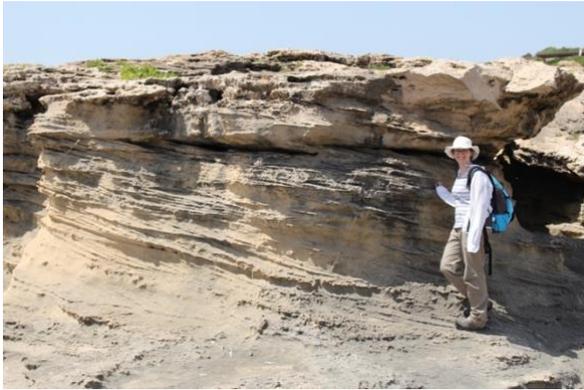
Dr Lauren Birgenheier is an Associate Professor at University of Utah in the Geology and Geophysics Department, specializing in sedimentary geology. Her research portfolio reflects her expertise across a range of ancient depositional environments including fluvial, shallow marine (siliciclastic and carbonate), and lacustrine systems. She focuses on cross-disciplinary collaboration that addresses 1) increasing societal demand for and impact of energy development, particularly in unconventional resources; and 2) deep-time paleoclimate reconstruction. She has led research projects in the Mancos Shale, Green River Formation (Uinta Basin), Wolfcamp Formation (Permian Basin), and Agrio Formation (Neuquén Basin, Argentina). Dr Birgenheier was awarded the 2018 Inspirational Geoscience Educator Award by the AAPG Foundation. Together with her colleague Dr Cari Johnson, she was a 2019 GRIT team award winner championing progress in the energy industry, for advancing diversity of the workforce. She received her Ph.D. from University of Nebraska-Lincoln in 2007 and a B.A. from Colorado College in 2002.



Dr M. Gabriela Mángano graduated from the University of Buenos Aires, and is now a Professor at the Department of Geological Sciences of the University of Saskatchewan. Gabriela is a trace fossil specialist with strong sedimentologic and stratigraphic interests. She has worked in rocks of many different ages from the Precambrian to the Holocene, and a wide variety of marine and continental environments. Her research focuses on animal-substrate interactions through geologic time, essentially searching to unravel how trace fossils can expand our understanding of ecological interactions in the

deep past. She was Co-editor of *Palaios* (2015-2018) and is a member of the Editorial Board of many journals, including *Journal of Paleontology*, *Palaios*, *Palaeo-3*, *Ameghiniana*, and *Swiss Journal of Geosciences*. She is member of the Scientific Board of the UNESCO International Geoscience Program (IGCP), member of the Paleontological Society Board, and Treasurer of the International Ichnological

Association. Gabriela is the recipient of the 2018 AWG-Association of Women Geoscientists Outstanding Educator Award.



Dr Andrea Martin Perez is a sedimentary petrologist mostly interested in the formation and diagenesis of continental carbonates (particularly speleothems and calcretes), the formation of dolomite and other Mg-minerals and the role of geobiological interactions on carbonate precipitation and mineral growth. Andrea did a PhD at Universidad Complutense in Madrid, Spain, on the formation of dolomite speleothems and during that period had opportunity to work and visit several karstic and volcanic caves in Spain, United States (New Mexico, Alaska) and Portugal (Madeira), and to collaborate in the study of calcretes,

travertines and palustrine deposits in several locations in Spain. Since 2012 Andrea has been working at the Research Centre of the Slovenian Academy of Sciences and Arts in Ljubljana, Slovenia, where besides main work in cave sediments, she has done research on processes of dedolomitization in Cretaceous dolostones and the influence of sandstone diagenesis in the formation of Na-salts involved in accelerated weathering. Currently, Andrea leads a project investigating the formation of fibrous microcrystalline calcite in soils and caves (“moonmilk speleothems”) and most recently has also been working on subglacial carbonates, cryogenic cave minerals and experimental evaluation of calcite dissolution and precipitation in caves.

Update - The 35th International Meeting of Sedimentology, Prague 2021

The 35th International Meeting of Sedimentology will be held between June 22nd– 24th 2021 in Prague, Czech Republic.



The call for additional Special Sessions and Short Courses is now Open! The Meeting Themes and Special Sessions that were convened for the 2020 conference are posted on the [conference website](#). However, we encourage people from the scientific community either to update their proposals or to submit new proposals for Special Sessions and/or Short Courses for the 2021 conference.

Please send updated or new proposals for the Special Sessions and/or Short Courses to iasprague2021@guarant.cz by November 25th, 2020 at the latest.

For those who have not yet registered for the meeting, registration will be re-opening in December.

All information on the meeting can be found [here](#).

First Call – Applications for Institutional Grants (Spring 2021 Session)

Twice a year, IAS awards an **Institutional Grant** of maximum 10,000 Euro, which is intended to support capacity building initiatives in less developed countries (LDCs). Grants will allow earth science departments in LDCs to acquire durable sedimentological equipment for teaching and research, or tools that can be used by all geology students. The grant application should thus clearly demonstrate how the grant will increase the recipient's capacity to teach sedimentology at undergraduate level in a sustainable way.



Applications have to be submitted via the [IAS website](#). Application deadline for the Spring 2021 Session is **31st March 2021 24h00 Brussels Time (CET, UTC+1)**.

More information about the Institutional Grant Scheme and guidelines on how to apply can be found on your membership profile.

Online resources sponsored by the IAS....

The IAS is proud to sponsor several online resources that, we hope, act to make our lives a little easier during the ongoing disruptions caused by COVID-19.

Carbonateworld is an online atlas containing more than 800 images covering an extensive spectrum of carbonate textures, grain types, diagenetic features, depositional environments and case studies. The images are organised in categories and subcategories (e.g., carbonate rock classification, skeletal grains, ooids, corals, burial diagenesis etc.) and are frequently updated with new material.

<https://carbonateworld.com/>



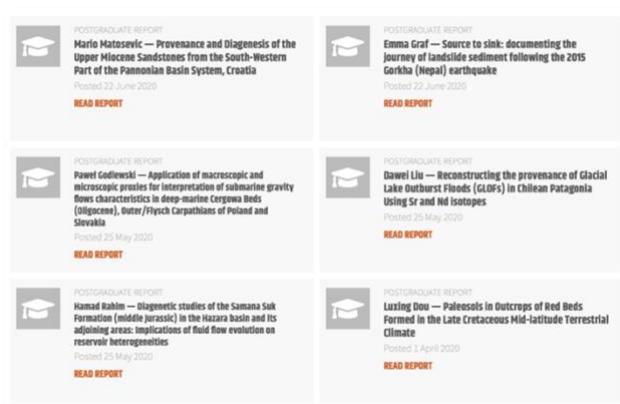
Seds Online is an exciting free, online initiative that provides an interactive, adaptable and accessible online platform for anyone with an interest in the field of sedimentology. **Seds Online** welcomes members at any career stage, from both industry and academia!

<https://sedsonline.com>: Twitter [@Seds_Online](#)

Grant Reports on the IAS web site

The IAS supports postgraduate and post-doctoral researchers via our various grant schemes.

You can read recent and past Grant Reports from IAS members who have benefited from [Post-Doctoral](#) or [Post-Graduate](#) grants [here](#).



The Journals of the IAS

For a quick overview of the latest issues of **Sedimentology**, **Basin Research** and **The Depositional Record**, follow these links:

- **Sedimentology**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **Basin Research**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **The Depositional Record**: directly at [Wiley](#) or via the [IAS website](#)



All of the journals of the IAS are active on Twitter. Stay up to date on the latest news and papers in @sedimentology by following the IAS journals: @JSedimentology, @DepositRecord, @BasinResearch.

First Call – Applications for Post-Graduate Research Grants (Spring 2021 Session)

Up to [10 research grants](#), each to a maximum of €1,000, are awarded twice a year to **IAS Post-Graduate Student Members**. This grant scheme is designed to support PhD students in their studies and research. Post-Graduate Research Grants can be used to (co-)finance fieldwork, acquisition and analysis of data, visits to other institutes to use specialized facilities, etc.

Applications must be submitted via the [IAS website](#). Application deadline for the Spring 2021 Session is **31st March 2021 24h00 Brussels Time (CET, UTC+1)**.

More information about the Post-Graduate Grant Scheme and guidelines on how to apply can be found on your membership profile.



First Call – Applications for the Judith McKenzie Field Work Award (Spring 2021 Session)

The [Judith McKenzie Field Work Award](#) aims to promote sedimentological field observations for the newest generation of Earth Scientists – MSc Students.



Up to 5 awards of €300 each, will be awarded twice per year to IAS student members. Since the award is only available for MSc students, proof of student status will be required. The awardee shall also receive a one-year IAS student membership, upon submission of their MSc thesis.

Applicants should apply for the Judith McKenzie Field Work Award via the [IAS website here](#). The application requires submission of a grant proposal (written by the student) with budget and CV (template provided on the submission webpage), and a signed letter of recommendation from the student's supervisor.

Application deadline for the Spring 2021 Session is **31st March 2021 24h00 Brussels Time (CET, UTC+1)**.

First Call – Applications for IAS Post-Doctoral Research Grants (Spring 2021 Session)

[IAS Post-Doctoral Research Grants](#) are intended as a seed to assist Early-Career post-doctoral researchers in either establishing a proof of concept, in order to support applications to national research funding bodies, or to fund areas of a project that were not included in the original project scope.

Up to 4 grants, each to a maximum of €2,500, are awarded twice per year to Early Career IAS members.

The application requires submission of a research proposal with budget and CV (template provided on the [submission webpage](#), and a letter of support from the researcher's supervisor, line manager or Head of School. More details about the application procedure can be found on your membership profile.

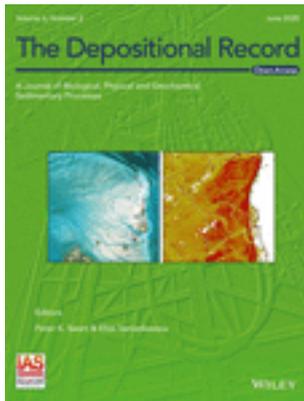


Application deadline for the Spring 2021 Session is **31st March 2021 24h00 Brussels Time (CET, UTC+1)**.

Eligibility:

- Applicants must be full members of the IAS.
- Applicants must have secured their Ph.D. within the previous 7 years.
- Applicants can only benefit from a Post-Doctoral grant on one occasion.

The IAS covers Article Processing Charges for papers accepted in The Depositional Record!



The Depositional Record is a fully open access journal publishing high quality articles from across the field of Sedimentology. The journal covers all timescales, from Ancient to Modern Earth and welcomes articles that emphasise the application of sedimentary processes to the study of paleoclimate, changes in the chemical environment, ocean acidification, extra-terrestrial sedimentology, and the application of genetic methods to understanding sedimentological processes. **Article publication charges are currently covered by the IAS, so [submit your paper today!](#)**

