

The Newsletter of the International Association of Sedimentologists

Issue 1, 2020

Dear IAS Members,
We wish all of our members a very Happy New Year.



As we embark on a new year, please keep your eyes open for some exciting new initiatives from the IAS. The first of these – the Judith McKenzie Field Work Award – is announced here!

A reminder that IAS memberships run on an annual basis. We shall soon be carrying out our end-of-year tidy-up of our databases. In order to ensure continued access to all that the IAS has to offer, be certain to renew your membership today! This year, for the first time, we have introduced life-memberships – a great way to make a significant saving on your membership of the IAS. Remember, the IAS is a registered not-for-profit organisation working to promote the broad field of sedimentology and support sedimentologists in academia and industry. Simply put, we are our members! Renew today!

As always, please feel free to distribute this newsletter amongst those of your colleagues who have yet to realise the fabulous benefits of membership of the IAS!

On behalf of the IAS Bureau,

Stephen Lokier
General Secretary

Fees for 2020 are due now!

IAS memberships run on an annual basis (1st January – 31st December) renew now to avoid missing out on all that the IAS has to offer!

You can find a complete list of the benefits of membership on 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! Alternatively, why not consider a lifelong membership?

When renewing, please also think about opting-out of receiving printed copies of *Sedimentology*. 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 sponsorship activities of the IAS.

STUDENT	FULL
10€	25€
INCLUDED	INCLUDED
1 Year IAS Membership	1 Year IAS Membership
Online Sedimentology, Basin Research, SP's older than 5 years	Online Sedimentology, Basin Research, SP's older than 5 years
Travel Grants, Postgraduate Grants	Post-doctoral Grants, Institutional Grants
Reduction for IAS Conferences, Printed SP's	Reduction for IAS Conferences, Printed SP's
Members Directory, Additional Content, Newsletter	Members Directory, Additional Content, Newsletter
OPTIONAL	OPTIONAL
Printed Sedimentology +10€	Multiple years at reduced fee
Online Petroleum Geology +45€	Printed Sedimentology +10€
Online + Printed Petroleum Geology +50€	Online Petroleum Geology +45€
Friendship Scheme Sponsor +15€	Online + Printed Petroleum Geology +50€
	Friendship Scheme Sponsor +15€
Read more	Read more

Abstract Submission for the 35th IMS – Prague 2020 – closes 15th February!

The 35th IMS will be held in Prague, Czech Republic between the 23rd and 25th of June 2020.

The abstract submission deadline is the 15th of February so avoid the last minute rush by visiting the [meeting website here](#) and get your submission completed today. You can follow meeting news on Twitter @IASPrague2020.



Don't miss out on the extra savings to be made during early-bird registration. All IAS members also benefit from a discounted registration fee (saving up to €100 on the full price!) and IAS student members can also apply for an IAS travel grant.

See you in Prague!

Launching the Judith McKenzie Field Work Award

The IAS is delighted to launch the **Judith McKenzie Field Work Award**. This new award aims to promote sedimentological field observations for the newest generation of Earth Scientists – MSc Students. The funding behind this award was donated by Judith McKenzie, coming from the IUGS Emile Argand Award, presented to her in 2016.

Judith McKenzie is Professor Emeritus of Earth System Sciences in the Geological Institute, Department of Earth Science at ETH Zürich, past IAS-president and founder of the IAS Summer Schools.



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.

Further details of the award and full guidelines can be found [here](#).

Follow the IAS journals on Twitter

All of the journals of the IAS are now active on Twitter.

Stay up to date on the latest happenings in @sedimentology by following the IAS journals:

@JSedimentology, @DepositRecord, @BasinResearch.



Call for nominations for the Sun Shu Prizes

The call for nominations for the recently announced IAS Sun Shu Prize China and Sun Shu Prize International is now open. These two prizes are awarded to recognise outstanding scientists in the field of sedimentology. The Prizes are awarded to honour the late Prof. Sun Shu, a Chinese sedimentologist whose success and fame was achieved through the integration of sedimentological analysis into numerous areas of research including sedimentary geotectonics, mineral resources, and environmental sciences. Prof. Shu was a true pioneer in terms of using tectonic facies analysis concepts and sedimentological data to solve problems related to tectonics and basin analysis.



Candidates for the Sun Shu Prizes must be Full Members of the IAS aged between 35-45 years. The prizes shall be awarded every two years to:

- I. A Chinese scientist (SUN SHU Prize China) and
- II. An international scientist (SUN SHU Prize International).

The award consists of prize money of €1,300 EUR and the SUN SHU medal. Winners will also be offered full membership of IAS for 2 years.

Further details of the prizes and full nomination guidelines can be found on the [IAS web site here](#).

Nominations are open for the IAS Johannes Walther and Early-Career Scientist Awards

Please consider nominating your colleagues for the [Johannes Walther](#) or [Early-Career Scientist Awards](#) of the IAS.



The Early-Career Scientist Award is awarded to recognise contributions and potential of outstanding early-career scientists working in any area of sedimentology. The award is also given once every 2 years. At the 20th International Sedimentological Congress in Quebec (2018), the Early-Career Scientist Award was awarded to Matthieu Cartigny.

The Johannes Walther Award is awarded to scientists at any stage in their career who are considered to have made a significant impact in the field of sedimentology. The award is given once every 2 years. At the 20th International Sedimentological Congress in Quebec (2018), the Johannes Walther Award was awarded to Rachel Wood.



Full details of both prizes, together with nomination guidelines can be found [here](#).

Abstract submission is now open for the Carbonate Forum 2020



Abstract submission for the Carbonate Forum is open until the 23rd of February.

The IAS is delighted to be sponsoring the Carbonate Forum with student travel grants.

This new carbonate-focused event will take place between 12-14th May 2020 and will provide a forum for a diverse range of postgraduate and early career researchers to present their work to a like-minded audience.

Oral presentations will only be offered to postgraduate and early career researchers, and should be focused on fundamental, underpinning processes rather than the applied aspects of projects. Work that is in progress and ideas that are not yet fully formed are particularly encouraged. Presentation slots will be for no more than 15 minutes, and ample time will be allocated for discussion and audience feedback, in a supportive and encouraging environment.

Details of the meeting and abstract submission guidelines can be found [here](#).

Get to know the IAS

Early Career Scientists Committee Member – Pablo Suarez-Gonzalez

I am Pablo Suarez-Gonzalez, a Spanish geoscientist with wide interests in different methods and scales of Sedimentology: from the interplay of tectonics and sedimentation in basin analysis, to the fascinating petrographic study of thin sections, and even at a smaller scale with the help of geochemical tools. During my career, I have especially focused on carbonate facies and microbial deposits.

In 2015, I finished my PhD in the Complutense University of Madrid (Spain), about a Cretaceous carbonate unit with an intriguing sedimentology, right at the frontier of continental and marine realms, and with an unusual abundance and diversity of microbialites, which sparked my curiosity about the interaction of microbial and sedimentary processes.





Cretaceous coastal-wetland carbonates in La Rioja (N Spain)

Pierre Dietrich





After predoctoral stays in the USA and France, I spent a couple of years in Germany, as an Alexander von Humboldt postdoc in the Geobiology department of the University of Göttingen, learning more about the precipitation of minerals within modern microbial communities. Now I am back to Spain, as an assistant professor at the Rey Juan Carlos University, where I can continue my research exploring the connections between sedimentology and microbiology in both modern and fossil environments.

Grant Reports on the IAS web site

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

This month we have a new report from Ru Wang.

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

 <p>POSTGRADUATE REPORT Thomas Vandyk — The effects of diagenetic clay minerals, sedimentary structures and biogenic activities in the clastic reservoir Niger Delta Basin. Posted 9 December 2019 READ REPORT</p>	 <p>POSTGRADUATE REPORT Gloria Otosigbo — Precambrian Glacial sedimentology from the Mineral Fork Formation, USA Posted 9 December 2019 READ REPORT</p>
 <p>POSTGRADUATE REPORT Kévin Boulesteix — Sedimentary facies and stratigraphic architecture of deep-water mudstones beyond the basin-floor fan sandstone pinch-out Posted 25 November 2019 READ REPORT</p>	 <p>POSTGRADUATE REPORT Sergios Zarkogiannis — Preservation assessment and geochemical composition of modern planktonic foraminifera shells from Atlantic surface sediments. Posted 25 November 2019 READ REPORT</p>

News from our journals

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](#)

You can also keep track of all newly published articles on the continuously updated [members-only News Timeline](#) on the IAS website.

IAS Special Lecture Tour report – Adrian Immenhauser visits the University of Saskatchewan

Adrian Immenhauser from Ruhr University in Bochum, Germany, came to visit the Department of Geological Sciences at the University of Saskatchewan in Saskatoon, Canada, on October 23rd and 24th. He delivered two lectures—Aptian Oceanic Anoxia: The shallow marine perspective and Quantitative Diagenesis: Natural laboratories and versus experimental work. Both talks were attended by a diverse audience of undergraduate and graduate students, research staff, and faculty members from our university community as well as local geologists from the Saskatoon area.

The talks were kept at a level that was interesting for those of us outside the geochemistry world but also engaging to experts in the audience. We appreciated that in addition to his lectures, Adrian took time to meet with some of our graduate students to offer them constructive feedback on their projects.



We thank Adrian for coming all the way around the world to visit us and really appreciate the support from the IAS for this lecture tour. We hope we can host a stop on the next tour.











Thanks again for your support.

Colin D. Sproat

IAS National Correspondents

IAS [National Correspondents](#) regularly post news on all things sedimentological via the IAS web site. 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 [National Correspondents](#) are IAS Members who have volunteered to act as a representative between sedimentologists in their host country and the IAS. If you know of any sedimentology events going on in your country, then please get in touch with your National Correspondent and let them know. Similarly, if your country lacks a National 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](#).

 ARGENTINA RAS 2020 - Conference update Posted 29 November 2019 READ MORE	 MALAYSIA 2nd International Conference on Earth Resources (ICER2020): Geoscience for Sustainable Future Posted 29 November 2019 READ MORE
 ISRAEL Israel Geological Society Annual Meeting – March 2020 Posted 29 November 2019 READ MORE	 CANADA Coastal Zone Canada Iqaluit 2020 conference Posted 29 November 2019 READ MORE
 UNITED KINGDOM BSRG 2019 – Field trips and workshops Posted 22 November 2019 READ MORE	 INDIA 36th International Geological congress (2-8 March 2020, Delhi, India) Posted 22 November 2019 READ MORE
 ITALY Tidalites 2020 - 10th INTERNATIONAL CONGRESS of TIDAL SEDIMENTOLOGY Posted 22 November 2019 READ MORE	 SAUDI ARABIA Core Workshop "Source Rock Sequences of Arabia" at GE02020, Bahrain (integrated core and poster display of Arabia's major source rock sequences) Posted 22 November 2019 READ MORE
 CANADA GeoConvention, May 11-13, 2020, Calgary (Alberta) Posted 22 November 2019 READ MORE	 RUSSIA Lithological Meeting "Geology of Reefs" Posted 18 November 2019 READ MORE

IAS Sponsored Meeting report

Turkish Sedimentology Working Group (SCG) 'Marine Depositional Systems' workshop 5th – 8th September 2019, Elazığ, Turkey

The Sedimentology Working Group Workshop, hosted by different universities every year, was held on 5-8 September 2019 under the title of 'Marine Depositional Systems', hosted by the Department of Geological Engineering, at Firat University. Chairman of the Organizing Committee was Assoc.Prof. Calibe Koç Taşgın (Firat University, Turkey).

55 registered participants coming from all different parts of Turkey participated to the workshop; 33 academicians, 9 Engineers working in Turkey Petroleum Company, 9 PhD students and 4 master students, 2 undergraduate students. A total of thirty-three presentations, two of them invited speakers, one special presentation, twenty two oral and eight posters, were presented at the SCG-2019 Workshop. One student was supported by the International Association of Sedimentologists with a Travel Grant and presented an oral presentation.



Researchers from 18 different universities, various institutions and companies (TPAO, TEKFEN) participated in the workshop. Bryan T. Cronin from England (Tullow Oil plc) and Xiumian Hu from China (Nanjing University), invited speakers, made 45-minute presentations and shared their knowledge with us.

Following the two-day presentation program at the workshop, a two-day field trip was organized in order to see the marine sediments and related soft sediment deformation structures around Elazığ.

Calibe Koç Taşgın

Deadline 31st March 2020 - for the Judith McKenzie Field Work Award

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Deadline 31st March 2020 - applications for IAS Post-Doctoral Research Grants

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 Autumn 2019 Session 31st March 2020.

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.
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-

Deadline 31st March 2020 - applications for Post-Graduate Research Grants

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 Autumn 2019 Session is 31st March 2020.

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

Deadline 31st March 2020 - applications for Institutional Grants

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 Autumn 2019 Session is 31st March 2020.

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

Travel grants for IAS Student Members

Student members of the IAS can currently apply for travel grants for [IAS-supported meetings](#). Meetings with IAS sponsorship include:

- 36th International Geological Congress (2-8 March 2020, Delhi, India)
- SEPM International Sedimentary Geosciences Congress - 2020 (26-29 April 2020, Flagstaff, US)
- EGU General Assembly 2020 (3-8 May 2020, Vienna, Austria)
- Age Models and Geochronology: An Introduction to Different Age-depth Modelling Approaches (26-27 May 2020, Bremen, Germany)
- XVII RAS Argentine Meeting of Sedimentology (8-11 June 2020, Paraná, Argentina)
- 35th IAS Meeting of Sedimentology (22-25 Jun 2020, Prague, Czech Republic)
- 5th Working Group of Sediment Generation Meeting (1-3 July 2020, Milan, Italy)
- Climate Change, The Karst Record — "KR9 Conference" (12-15 July 2020, Innsbruck, Austria)
- 10th International Conference of Tidal Sedimentology (31 August - 2 September 2020, Matera, Italy)
- Argentinean Geological Congress (21-25 July 2020, Puerto Madryn, Argentina)

Application rules and eligibility criteria for IAS Student Travel Grants:

- Applicants must be active IAS Student Members at the time of submitting a travel grant application;
- Applicants can apply for a travel grant twice per calendar year: once for an IAS meeting (IMS or ISC) and once for any other IAS-sponsored meeting;
- Applicants must have an active and approved (oral or poster) presentation at the meeting (unless the meeting format does not include oral or poster presentations), on a topic of sedimentological relevance.

Application guidelines can be found on your membership profile.

The IAS on Facebook, Twitter, WeChat and LinkedIn!

The IAS is very active on [Facebook](#), [Twitter](#), [WeChat](#) and [LinkedIn](#)

Follow us [@sedimentology](#) and [IAS沉积学之家](#) to keep up to date with all things sedimentological.

