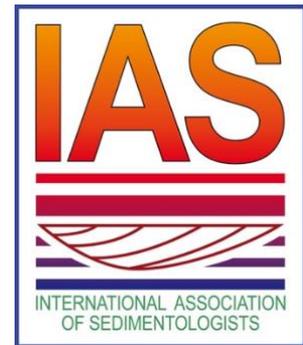


The Newsletter of the International Association of Sedimentologists

Issue 7, 2019



Dear Member of the IAS,

In this month's issue of the IAS newsletter we are delighted to announce the arrival of the IAS on the social network *WeChat* – thus opening a whole new line of communication to our Chinese community. On the subject of social media, we also welcome Basin Research to Twitter.

In addition to supporting our own Meetings and Congresses, you may be surprised to learn that the IAS also actively sponsors numerous other Sedimentology-themed meetings and workshops – typically in the form of Student Travel Grants. In fact, we are currently supporting 13 international meetings and workshops with student travel grants, see the newsletter for details. As ever, please feel free to download and distribute the newsletter amongst those of your colleagues who have yet to realise the benefits of membership of the IAS!

This month, in the Newsletter of the IAS...

- You can now follow the IAS on WeChat
- Basin Research comes to Twitter
- There is still time to register for the 34th International Meeting of Sedimentology!
- Get to know the IAS - Early Career Scientists Committee Member - [Xin Shan](#)
- Special Lecture Tour Report - Geneva
- Celebrating IAS Past President Kenneth Hsu's 90th Birthday
- IAS National Correspondents – Latest News Feeds
- IAS Grant Reports
- Call for applications for IAS Post-Doctoral Research Grants (Autumn 2019 Session)
- Call for applications for Post-Graduate Research Grants (Autumn 2019 Session)
- Call for applications for Institutional Grants (Autumn 2019 Session)
- Student Travel grants available for 13 Meetings and Workshops sponsored by the IAS
- Call for manuscripts for the IAS Open Access Journal "The Depositional Record"
- News from our journals
- IAS on Facebook and Twitter
- Job adverts

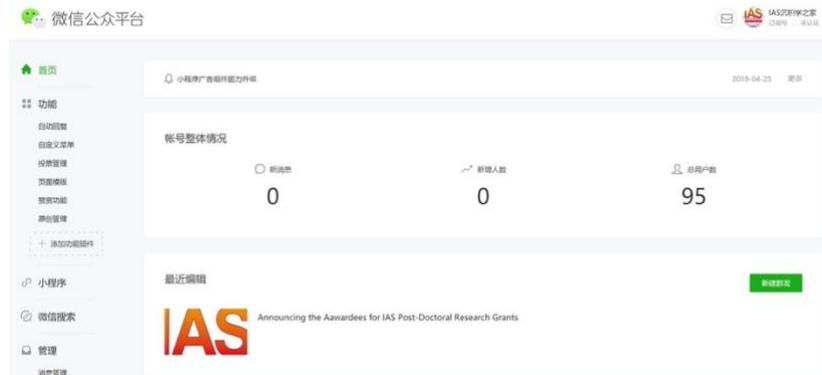
On behalf of the IAS Bureau,

Stephen Lokier
General Secretary

The IAS is now on WeChat!



We are delighted to announce that the IAS is now live on WeChat. Follow us at [IAS沉积学之家](#)



Basin Research comes to Twitter



Basin Research now has its very own Twitter page. You can follow all the latest news on Sedimentary Basin Systems [@BasinResearch](#)

There is still time to register for the 34th IAS International Meeting of Sedimentology! Remember, as an IAS Member you will save up to €100 on your Registration fees!



IAS Members benefit from hugely discounted rates – save up to €100 on registration by becoming a member of the IAS! Details of the meeting are available [here](#) or on the [IAS website](#).

Get to know the IAS

Early Career Scientists Committee Member - [Xin Shan](#)

I finished my PhD study, about wash-over deposits (storm deposits) at China University of Geosciences (Beijing) in 2016. In August 2016, I started a postdoc project about sediment gravity flow deposits in the East China Sea at the First Institute of Oceanography, Qingdao city, China. I have been an IAS member since 2012. I have been supported by IAS for my whole academic career, and thus I am highly motivated to help early career sedimentologists and make a contribution to the IAS and sedimentology!

Please feel free to contact me if you have any questions.



Research Interests

Distribution, architecture, process, genesis and triggering mechanisms of event beds:

- Sediment gravity flow deposits (turbidite, debrite and hybrid event beds).
- Storm deposits (wash-over deposits preserved in barrier-lagoon system).
- Flood deposits (channel fill deposits in the Lower Ganga River).

Xin Shan

IAS Special Lecture Tour report – Rachel Wood visits Geneva



On May 9th we had the pleasure to welcome Rachel Wood from the University of Edinburgh to our Section Seminar in Geneva. Within the framework of the IAS Special Lecture Tour, Rachel delivered an inspiring and stimulating talk entitled *What triggered the Ediacaran-Cambrian rise of animals?* The audience, which included faculty, doctoral and master students from both the Earth Science and Environmental departments, was enchanted hearing about the environmental triggers which governed the revolution of life that culminated in the Cambrian Explosion and the diversification of carbonate skeletons. Rachel combined field and laboratory data from Namibia to

Siberia highlighting the importance of developing a global research network to sustain these kind of investigations.

The talk was followed by a social event where Rachel had the opportunity for discussions with all attendants in a relaxed atmosphere including colleagues from the University of Lausanne that travelled to Geneva to hear about this fascinating subject. The evening finished in a local restaurant, gathering a group of interested and excited scientists around thrilling science and great food! We thank Rachel for visiting us and the IAS for supporting this initiative that provides a great opportunity to develop and often enhance existing research networks!

Daniel Ariztegui



Celebrating IAS Past President Kenneth Hsu's 90th Birthday

Former IAS President Kenneth Hsu embraced his 90th birthday in June 2019. The celebration events were recently held in Beijing, China. Vice president of the IAS, Chengshan Wang was invited to Hsu's banquet on June 7th 2019, and delivered a rich speech as representative of IAS. Past president Judith McKenzie, a doctoral student of Hsu, and IAS President Ariztegui whose doctoral co-adviser was Hsu, both sent their best wishes on this occasion. President Qiuming Cheng of IUGS, of which organization the IAS is an affiliated member, was also present at the banquet.

Vice President Chengshan Wang in his speech summarised Hsu's academic achievements with a broad coverage over sedimentology, stratigraphy, tectonics, marine geology, environmental geology, rock mechanics, petroleum geology, and paleoclimatology, in particular Hsu's contribution to turbidity study, the "evaporative pumping" theory of dolomite formation, deep sea drilling and the discovery of the Mediterranean salinity crisis, Strangelove Ocean and catastrophes on massive extinction events.



Chengshan Wang highly appraised Hsu's active role in bridging the Chinese geoscience communities with the international academic societies, and his continuous creativity and innovations since retirement, including his invention on hydrodynamics and his critical thinking over modern physics.

Past IAS President Judith McKenzie, in his letter, vividly reviewed Hsu's mentorship, as well as his personal benefit from Hsu's approach of applying creativity in the study of scientific problems. McKenzie contributed several precious photos, including their 1973 expedition to the sabkhas of Abu Dhabi to test Hsu's unique proposal of "evaporative pumping" for sabkha hydrology.

Two days before the birthday banquet, Kenneth Hsu and his student Peng Gao organized a festschrift symposium *Outrageous Ideas of Kenneth Hsu* at the University of Chinese Academy of Sciences on June 5th to challenge the orthodoxies. The invited speakers were, Yuk Yung on the interface between oriental culture and occidental sciences, Donald Chang on a novel interpretation of the physical nature of elementary particles, Jann-Yenq Liu on ionospheric electron density and earthquake prediction, and Charles Perry on a solar impact on climate change. Their talks will be later published on internet.

The celebration events were made possible by generous donations from Hsu's students, friends, and affiliations. Hsu sincerely thanks the participation of IAS and others.

Gao Peng

IAS National Correspondent news

Post from IAS's Argentinean Correspondent
11 July 2019



Conference Announcement

[Read post on Argentinean Correspondent page](#)

[IAS National Correspondents](#)

Our 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.

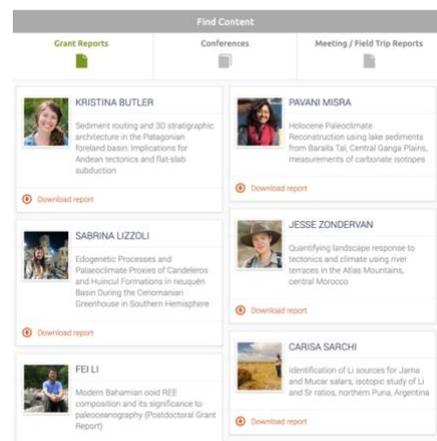
IAS [National Correspondents](#) are IAS Members who have volunteered to act as a representative between sedimentologists in their host country and the IAS.

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 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](#).

Grant Reports are available on the IAS web site

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

You can read all of the Grant Reports from IAS members who have benefited from [Post-Doctoral](#) or [Post-Graduate](#) grants [here](#). Simply click on the 'Grant Reports' tab at the top of the page.



Grant Reports	Conferences	Meeting / Field Trip Reports
<p>KRISTINA BUTLER Sediment routing and 3D stratigraphic architecture in the Patagonian foreland basin: Implications for Andean tectonics and fast-slab subduction</p> <p>Download report</p>		<p>PAVANI MISRA Holocene Paleoclimate Reconstruction using lake sediments from Baralia Tal, Central Ganga Plains, measurements of carbonate isotopes</p> <p>Download report</p>
<p>SABRINA LIZZOLI Edogenetic Processes and Paleoclimate Proxies of Candeleros and Huacul Formations in neuquén Basin During the Cenomanian Greenhouse in Southern Hemisphere</p> <p>Download report</p>		<p>JESSE ZONDERVAN Quantifying landscape response to tectonics and climate using river terraces in the Atlas Mountains, central Morocco</p> <p>Download report</p>
<p>FEI LI Modern Bahamian ooid REE composition and its significance to paleoenvironmental reconstruction (Postdoctoral Grant Report)</p> <p>Download report</p>		<p>CARISA SARCHI Identification of U sources for Jarama and Mucar salars, isotopic study of U and Sr ratios, northern Puna, Argentina</p> <p>Download report</p>

Call for applications for IAS Post-Doctoral Research Grants (Autumn 2019 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 [here](#). Application deadline for the Autumn 2019 Session is **30th September 2019**.

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.

Call for applications for Post-Graduate Research Grants (Autumn 2019 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 Autumn 2019 Session is **30th September 2019**.

More information about the Post-Graduate Grant Scheme and guidelines on how to apply can be found [here](#).

Call for applications for Institutional Grants (Autumn 2019 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 Autumn 2019 Session is **30th September 2019**.

More information about the Institutional Grant Scheme and guidelines on how to apply can be found [here](#).

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:

- 19th International Congress on the Carboniferous and Permian (29 July - 2 August 2019, Cologne, Germany)
- Climatic controls on continental erosion and sediment transport — "CLAST 2019" (4-10 August 2019, Juneau (Alaska), United States)
- Summer School on Speleothem Science (S4) (11-17 August 2019, Cluj, Romania)
- 2nd School on Sandstone Diagenesis (26-30 August 2019), Erlangen, Germany
- EGU Galileo Meeting on Mass extinctions, recovery and resilience (28-31 August 2019, Utrecht, Netherlands)
- Sedimentary Provenance Analysis short course (2-6 September 2019, Göttingen, Germany)
- Turkish Sedimentology Working Group 2019 workshop (5-8 September 2019, Elazig, Turkey)
- 34th IAS Meeting of Sedimentology — "Sedimentology – to face societal challenges on risk, resources and record of the past" (Rome, Italy; 10-13 September 2019)
- 3rd International Conference on Continental Ichnology — "ICCI 2019" (23-29 September 2019, Halle, Germany)

- M-fed conference — "Microbialites: formation, evolution, diagenesis" (28-30 October 2019, Dijon, France)
- From the North Sea Lowlands to the Celtic Shelf Edge — "Reconstructing interconnected environments for the past 500 kyrs" (18-20 November 2019, Utrecht, Netherlands)
- BSRG Annual General Meeting (14-15 December 2019, Egham, United Kingdom)
- Climate Change, The Karst Record — "KR9 Conference" (12-15 July 2020, Innsbruck, Austria)

All travel grants are listed on the IAS website in the [Members-Only Events Timeline](#).

Application rules and eligibility criteria for IAS Student Travel Grants:

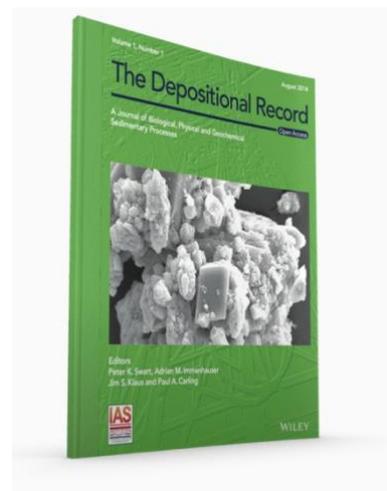
- Applicants must be active IAS Student Members at the time of submitting a travel grant application;
- Applicants can apply for a travel grant twice per calendar year: once for an IAS meeting (IMS or ISC) and once for any other IAS-sponsored meeting;
- Applicants must have an active and approved (oral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

Call for manuscripts for Open Access Journal "The Depositional Record"

[The Depositional Record](#) is IAS's **Open Access Journal**. It covers all timescales, from Ancient to Modern Earth, and welcomes articles from across the field of sedimentology, and in particular articles dealing with paleoclimate, changes in the chemical environment, ocean acidification, extra-terrestrial sedimentology, and the application of genetic methods to understanding sedimentological processes.

The journal is now collecting manuscripts for Volume 5. All papers are freely accessible to everyone [here](#). For more information, please visit the [journal website](#) and the [manuscript submission page](#).

Article Processing Charges (APC) will be covered by IAS until the journal has received an impact factor.



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.

The IAS on Facebook, Twitter and WeChat

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

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



Job adverts

You can find more information about recent job adverts on our [members-only Job Offers Timeline](#).