

The Newsletter of the International Association of Sedimentologists

Issue 8, 2019



Dear Member of the IAS,

Here at the IAS, we are all very excited as we enter the last few weeks before the 34th International Meeting of Sedimentology – we look forward to seeing you all in Rome. Please do come along to the IAS Booth at the meeting and introduce yourself. On the first day of the meeting, we shall be going live with our totally redesigned IAS Web Site – we believe the new site will greatly enhance communications within the society, giving our members a strong voice and significantly simplifying activities such as applying for a grant or sponsorship.

Speaking of sponsorship, the IAS is currently supporting 10 international meetings and workshops with student travel grants, see the newsletter for details. As always, please feel free to download and distribute the newsletter amongst those of your colleagues who have yet to realise the fabulous benefits of membership of the IAS!

Come and meet us at the IAS booth.

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

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On behalf of the IAS Bureau,

Stephen Lokier
General Secretary

The 34th IAS International Meeting of Sedimentology – the final countdown

We are only a few weeks away from the 34th IMS. The meeting programme is looking amazing with a plethora of activities for all areas of Sedimentology – there really is something for everyone! Early Career Scientists are particularly well catered for by the ECS committee. Check out the ECS corner where pop-up presentations will be made throughout the meeting. Have you got an idea that you want to get out there? Maybe an exciting new result that arrived just too late to submit an abstract? Or maybe you would like to practise your presentation skills in a friendly environment? If you have a presentation, then just make yourself known to the members of the ECSC and they will be happy to help.

When in Rome, please do come and introduce yourself to us at the IAS Booth. Members of the Bureau, Council and ECSC will be hanging around the booth throughout the meeting. Please come and say 'Hi'.



Remember IAS Members can still benefit from hugely discounted meeting registration 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](#).

A New Look for the IAS Web Site Check it out from the 10th September

We are excited to announce that at the Rome IMS we shall be launching the exciting new IAS web site. The new site has been designed to be more intuitive and user friendly, placing the information that you need at your fingertips as efficiently as possible.



We have been beta-testing the site for the past few months and are delighted with the results. However, as we all know, things don't always go to plan! If you have any problems, or suggestions for improvements then please [get in touch with us](#).

Call for session proposals for the EGU General Assembly 2020

EGU 2020 will be held in Vienna between the 3rd –8th May 2020.



The Programme Group for Stratigraphy, Sedimentology and Palaeontology (SSP), invites session proposals within any of the following SSP subsections:

- General Sessions
- Stratigraphy, Earth Systems History and Climate Geology
- Sedimentology: processes, products, diagenesis
- Palaeontology, Palaeoecology and Evolution of Life

The call for proposals remains open until the 5th of September 2019, submissions can be made [here](#).

It is strongly encouraged for convener teams to reflect (i) multiple countries and institutes; (ii) different career stages, especially the inclusion of early career scientists; and (iii) gender diversity. Please read the [convener guidelines](#).

Get to know the IAS

Early Career Scientists Committee Member - Catherine Russell

Catherine completed an undergraduate master's degree at the University of Leicester in 2013, before going on to complete a PhD at the University of Leeds in 2017. She is currently employed at the [University of Leicester as a Teaching Fellow in Sedimentology](#) where she undertakes teaching responsibilities and participates in pedagogic discussions across the university. She recently received distinction for her "Supporting Learning in Higher Education" course for the HEA Associate Fellowship Certificate.

Catherine's technical expertise is in the development of innovative multi-disciplinary approaches (geology, geomorphology, and remote sensing), for analysis of the heterogeneity and internal architecture of meandering fluvial systems. Her research aims to determine end-member fluvial architectures and their formational processes, in order to more clearly understand complex fluvial successions in the stratigraphic record.



Catherine Russell

IAS Special Lecture Tour report – Chris Fielding visits Strasbourg

In the first week of April 2019, Pr Christopher Fielding (University of Nebraska-Lincoln) visited the University of Strasbourg to give a lecture entitled *Towards a new generation of facies models for fluvial systems and their deposits*.

Numerous colleagues, including geologists, geophysicists, geochemists, and geographers attended the presentation, as well as a decent number of students from our Earth Sciences School. This was a well-illustrated talk based on modern and ancient case study, and involving an integrated approach (facies and sequences analysis, GPR, drone imagery, ...). The attendees said they greatly appreciated learning directly from a renowned international expert about new progress and challenges in fluvial geology.

This lecture tour was a great opportunity for the sedimentologists from the Earth Sciences department and for one geomorphologist from the Geography department to discuss with Chris about their ongoing research projects, not only about fluvial systems, but also, lacustrine and glacial depositional systems.

Chris Fielding's journey in Strasbourg ended with a one day field trip in the nearby trans-boundary Unesco Biosphere Reserve of Vosges du Nord & Pfälzerwald. There, the forest-covered hills mainly consist of lower Triassic (Buntsandstein) sandstones and conglomerates. Buttes, which served as natural observatory points of the surroundings and have hosted castles and forts during Middle Age times, today provide good exposures for geologists. We first stopped in the Schwarzbach river valley and climbed up the hill to examine fluvial deposits at the Windstein castle. This was the right place to start discussing the genetic sequences characterizing



the fluvial deposits of the Buntsandstein. These were further discussed at the next stop, at the Falkenstein castle, on top of which we enjoyed a picnic lunch with a panoramic view on the surrounding forested hills. Deposits related to fluvial-aeolian interactions were later examined at the Altschlossfelsen (literally the rocks of the old castle), after crossing the French-German boundary via the Helmut Kohl pathway.

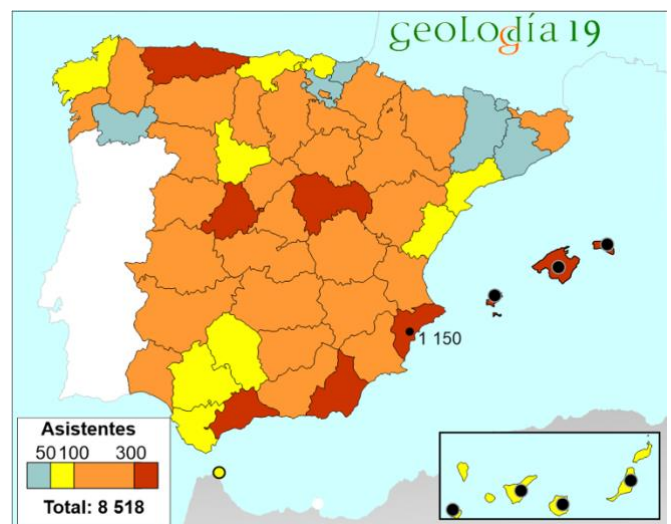
We are grateful to the IAS to have selected our application for the IAS Special Lecture Tour this year. We fully support this great initiative, and we would be happy to welcome more lecturers in the future. We warmly thank Chris who kindly accepted this long distance travel from Nebraska to Alsace.

*Mathieu Schuster & Jean-François Ghienne
CNRS, Institut de Physique du Globe de Strasbourg*

News from Geolodía 19

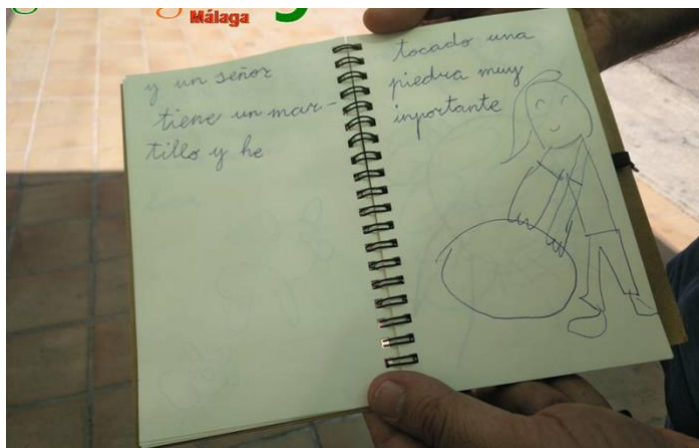
Geolodía ('Geology-Day') is an initiative organized in Spain since 2005 trying to bring Geology closer to the general public through the observation of landscapes and rocks in the field. *Geolodía 19* year with the focus "*Look where you walk*" showed how what we have bellow our feet is critical for our lives and that Geology is a fascinating science. More than 9,000 people participated on 11th and 12th May 2019 in 56 free field excursions in all Spanish provinces and Andorra guided by about 600 volunteers. During those trips, the participants had the chance to understand how: landscape forms, sediments are deposited, volcanoes work, geology affects our lives, and any of the questions and interest they have.

The main values of *Geolodía* are that it reaches any remote village and provides direct contact with geologists. Every year we have the feeling that *Geolodía* is the event where anyone can ask anything they do not know on Geology and do not dare to ask or do not know] whom to ask.



Map showing the attendances in each province. Most of the provinces have between 100 and 300 participants. Alicante always call the attention with more than 1100 persons.

Geolodía 19 was organized by the Geological Society of Spain and financed by FECYT and a wide number of institutions such as IGME (Geological and Mining Institute of Spain), AEPECT (Spanish Association for the teaching of Earth Sciences). The IAS was one of the significant non-governmental sponsorship and this is the first time that Geolodía has had international sponsorship. We are grateful to this support not only for the economy but also for the chance to show Geolodía internationally.



Geolodía has a great direct impact on the participants, especially children, who are encouraged to draw what they see. It is very emotive to see what they produce. In addition, Geolodía is a good tool to get the interest of the [media](#). This year Geolodía also received a small space in the national news and a specific chapter on an environmental program, which is very useful for teaching and for showing to a general audience the significance of Geology.

*Geolodía 19 Málaga. Drawing by one of the participants:
“A man has a hammer and I have touched a very important rock”*



Geolodía 19 Biskaia, attendance close-up to the Flysch



Leaders of Geolodía 19 Valencia in the “official picture”

Geolodía generates an impressive variety of presentation material including one guide for each of the 56 trips organized [every year](#), a video calling the attention on [Geology](#), and the summarised information of the event. All the information is accessible at the [website](#).

Geolodía 20 is already in preparation, scheduled for the 9th and 10th May) 2020, we invite you to come along and join us.

Ana M. Alonso-Zarza
President Geological Society of Spain

IAS National Correspondent news

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.

Post from IAS's Norwegian Correspondent
17 August 2019







34th Nordic Geological Winter Meeting, 8-10th January 2020

[Read post on Norwegian Correspondent page](#)

[IAS National Correspondents](#)

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

 <p>SUIHONG SONG Distribution of deltaic sand bodies in the context of extensive small growth normal faults</p> <p>Download report</p>	 <p>CARREL KIFUMBI Facies Architecture Of Permo-Pennsylvanian Piauí-Pedra Do Fogo Coastal Dune-Field, Parnaíba Basin, Brazil</p> <p>Download report</p>
 <p>IGNACIO CAPELLI Detailed mineralogical analysis of tuff deposits in the marine oil-shales of Vaca Muerta Formation, Neuquén Basin, Argentina</p> <p>Download report</p>	 <p>JOSÉ IGNACIO CUITIÑO How does the random supply of fine-grained pyroclastic particles affect the facies architecture of a delta?</p> <p>Download report</p>

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

This month we have new reports from Suihong Song, Carrel Kifumbi, Ignacio Capelli and Jose Ignacio Cuitino.

You can read all of these and as well as all of the past 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.

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:

- 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 kys" (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)
- 36th International Geological Congress (2-8 March 2020, Delhi, India)
- 10th International Conference of Tidal Sedimentology (31 August - 2 September 2020, Matera, Italy)

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:

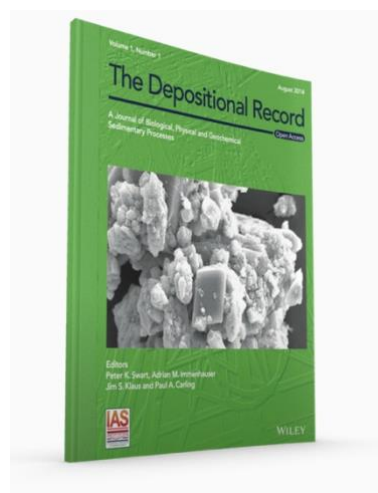
- Applicants must be active IAS Student Members at the time of submitting a travel grant application;
- Applicants can apply for a travel grant twice per calendar year: once for an IAS meeting (IMS or ISC) and once for any other IAS-sponsored meeting;
- Applicants must have an active and approved (oral 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.

Basin Research has its very own Twitter page! Follow the latest news on Sedimentary Basin Systems [@BasinResearch](#)



Job adverts

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