

The Newsletter of the International Association of Sedimentologists

Issue 1, January – February 2025



Your sedimentological photograph could go here – [contact us](#) if you would like to submit one!
All photographs will be credited and will need a short (1 line) caption

Dear IAS Members,

We realise that it has been several months since the last IAS Newsletter, corresponding to a time of changes within the Association some of which are explained by Acting President Daniel Ariztegui in his message below.

We will also be moving towards a slightly different model with shorter monthly email and social media news updates linked to items on the IAS website and longer newsletters issued roughly every 3 months.

In this newsletter we are pleased to bring you the following items:

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If you have any questions about the IAS and its activities you can [contact us from the website](#) or [email the Executive Officer](#) who will either respond directly or pass your message on to the Council of Management.

With best regards,

Gonzalo Veiga

IAS General Secretary

1. IAS key dates

CVS Goes to Hungary IAS Student Travel Grant application deadline 07 March 2025

IAS Spring 2025 Postgraduate and Postdoctoral Research Grant application deadline 31 March 2025

IAS Spring 2025 Judith McKenzie Fieldwork Award application deadline 31 March 2025

IAS Spring 2025 International Institutional Grant application deadline 31 March 2025

GeoSed 2025 Conference IAS Student Travel Grant application deadline 18 April 2025

38th International Meeting of Sedimentologists reduced rate registration deadline 15 April 2025

22nd International Sedimentological Congress abstract deadline 16 May 2025

MFed 2025 Microbialites conference IAS Student Travel Grant application deadline 31 May 2025

Tidalites 2025 conference IAS Student Travel Grant application deadline 31 May 2025

Sedimentary Provenance Analysis short course IAS Student Travel Grant application deadline 8 June 2025

38th International Meeting of Sedimentologists 26 – 28 June 2025

North Sea Core samples for teaching 3rd round application deadline 30 June 2025

22nd International Sedimentological Congress reduced rate and presenter registration deadline 19 September 2025

22nd International Sedimentological Congress 25 – 30 January 2026

For details and the conferences and meetings see later in the Newsletter or visit [this link](#).

2. Message from the IAS Acting President



Following Cathy Hollis's departure as president, I have stepped into the temporary role of Acting President to help guiding the IAS through this transitional period. My position may be confirmed at the General Assembly during the upcoming Congress in Huelva and will remain in place until the next ISC in New Zealand, when a new Council of Management will be elected. A revised structure and composition for both the Council of Management and the Council of Supervision will soon be proposed to the membership for consideration.

The Association has recently undergone several structural changes, particularly within our journals, partly due to financial constraints. While these adjustments have been challenging, they are necessary to ensure the long-term stability and sustainability of the Society. We have approached these decisions carefully to maintain the high level of service we provide to our members. As part of these changes, we are revising and, in some cases, discontinuing certain existing service agreements related to our journals. I am particularly grateful to a group of Sedimentology Associate

Editors who has been instrumental in supporting us through this transition, ensuring the smooth editorial handling of manuscripts.

In my first month as Acting President, the General Secretary and I visited Wellington to prepare for the next International Congress in January 2026. More details can be found in a separate note. Meanwhile, preparations for the upcoming meeting in Huelva this June are progressing well, and we anticipate another outstanding event.

Finally, I encourage you to nominate colleagues for IAS prizes and explore the various grants available for early-career researchers, doctoral students, and institutions—details are available on our website. Your support of the IAS Honours program ensures we continue recognizing individuals who have made significant contributions to sedimentology through research and education. I hope you will consider submitting a nomination for an IAS honour! You will find more details of the pre-call in this Newsletter.

I look forward to seeing many of you in Huelva!

Daniel Ariztegui, IAS Acting President

3. 38th International Meeting of Sedimentology, Huelva, Spain



The **38th International Meeting of Sedimentology** (IMS) will be hosted by the University of Huelva (SW Spain) from **26th to 28th of June 2025** and is organized by a team led by Juan A. Morales.



The abstract submission deadline has now passed. All the submissions have been reviewed and presenting authors have been informed as to whether they have been accepted for oral or poster communication. Follow the links to see the [list of accepted presentations](#) and the [preliminary programme](#). Additional updates will appear on the [conference website](#), as well as information about [travel to the city and accommodation options](#). There is a [contact form](#) that can be used for general questions, registrants and presenters will have been given an email address for specific issues. Please note that the IAS Office cannot address enquiries that are specifically about the meeting organization, visa invitation letters, and so on – these should be sent directly to the organisers.

The IMS includes a selection of six optional **field trips** and three full-day **short course workshops**. The [field trips](#) are between 1 to 3 days' duration and are as follows:

- **The legacy of mining pollution in the Iberian Pyrite Belt: Chemical sedimentary processes in the Tinto River (SW Spain)** – 25 June, € 60
- **The late Miocene record of the straits connecting the Mediterranean and the Atlantic** – 24 to 25 June, € 380 including hotel.

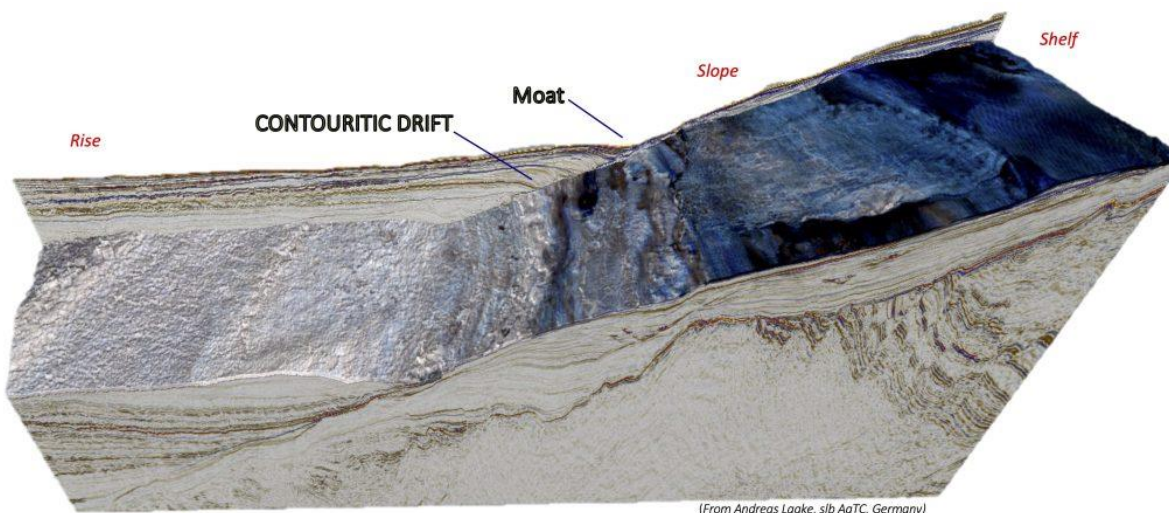
- **Carbonate sedimentology in the External Zones of the Betic Cordillera** – 23 to 25 June, € 470 including hotel.
- **Devonian and Carboniferous sedimentation in the Iberian Pyrite Belt** – 29 June, € 60
- **Coast of Huelva including Doñana National Park** – 29 and 30 June, € 120 not including hotel
- **A walk from the Ocean to the Desert in the central Betic Cordillera (Guadix-Baza Basin, Granada Geopark)** 29 June to 1 July, € 530 including hotel.



The **workshops** are all on 25 June and their titles and leaders are:

- **Describing and Understanding Shale/Mudstone Facies** (Juergen Schieber, Indiana University) – € 100
- **Contourites and Mixed Sedimentary Systems** (Javier Hernández-Molina and colleagues, IACT, IGME, SLB ATC and University of Bremen) – € 150
- **Application of Subsurface Know How and Tools to Energy Transition** (Marc Gil-Ortiz, University of Barcelona and Conxita Taberner, Independent Consultant) - € 125

All of these offer exceptional value for money and will be booked up quickly so don't delay in securing your place.



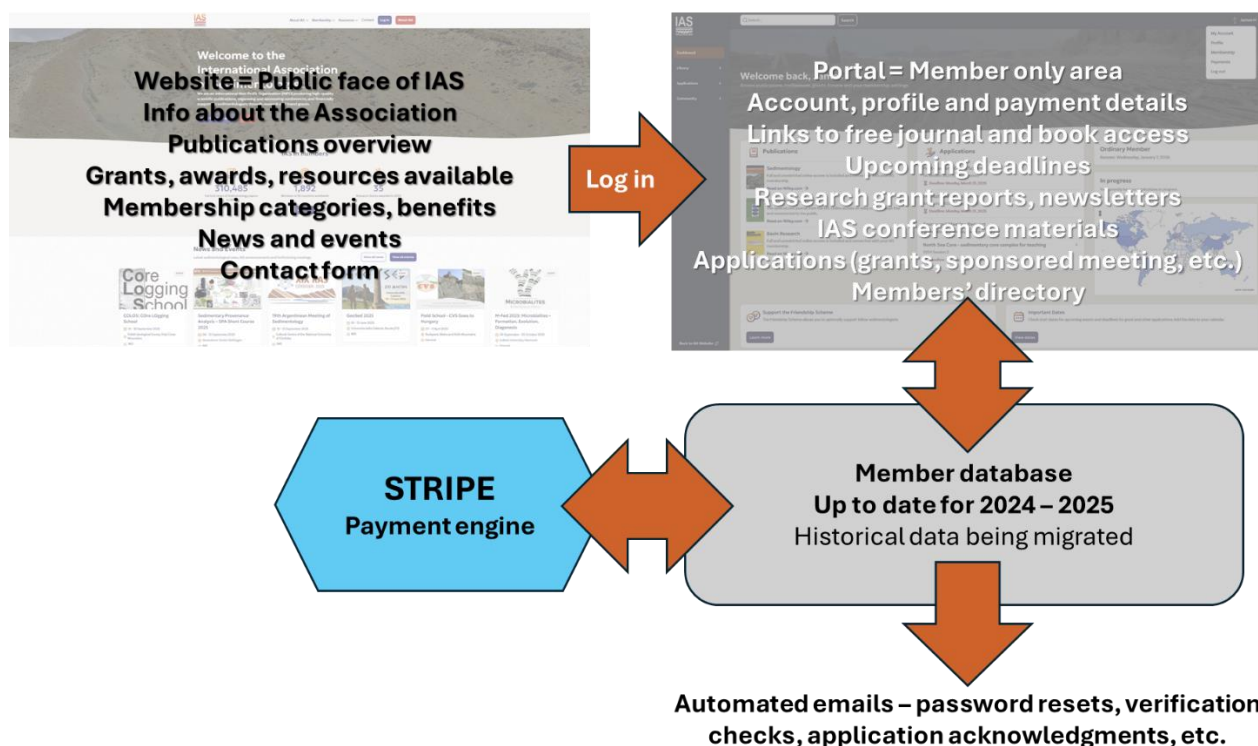
The early-bird registration deadline for the IMS is 15th April 2025. The fees structure and online registration can be found on the [meeting website](#) or direct from [this link](#).

We look forward to welcoming you to Huelva

4. 2025 Membership renewals and IAS website update

If you are reading this Newsletter you have probably already renewed your IAS membership, so **thank you!** Membership renewals were different to previous years where it was possible to renew before the end of the previous year, and they will be different going forwards. We would like to explain why, and to apologise for the few cases where members had difficulty in renewing.

In June 2024 the Association switched to a new **website, membership portal** and **member database**. The previous system was a custom design built by our former webmaster Steven de Vriese in which everything was tightly integrated. It worked well but lacked flexibility and after he stood down from his role it was impractical for others to continue to manage it. The new website, portal and database are built on a modular industry standard platform, but migration of all the historical membership data has not been straightforward. Our priority was initially to ensure that all membership functionality was active (journal access, grant applications, etc.), and next to deal with membership renewals so that they were ready to implement in January 2025. This involved some development and testing, and we were not able to open membership renewals before the end of 2024 as had been the case in the past.



A key change to the renewals process is that all Ordinary Members who renewed in 2025 or who joined the IAS since the end of June 2024 will now have their membership automatically renewed each January – so there will be no need to remember to do so. Of course, Members can cancel the auto renewal if they really want to, but for the vast majority this will be a simplification and time saving. Reminders of the impending renewal will still be issued, any changes in the membership

fees will be advertised well in advance (none are currently planned), and if a Member's bank card has expired they will simply be prompted to renew with a new card. There is another advantage to this move to auto-renewals. In the past, the Office Manager did a lot of work manually transferring records from Stripe (the online payment system) to the IAS database. The new system negates the need for this laborious hands-on intervention in most cases. There is a continuing issue in that the Stripe payments system generates invoices rather than receipts, and we are working on a solution that will allow members to download a payment receipt.

It is possible to pay membership fees by BACS transfer instead of bank card, but this can take from several days to weeks to be processed between Stripe and the bank, whereas bank card payments are usually instant and a better solution.

Student Memberships will continue to need to be manually renewed every January. This makes sense, students are only students for several years. It is also important to note that Lifetime Ordinary Membership is available and is an exceptionally good deal especially for Early Career sedimentologists who plan to remain in the subject area long term. At only 400 Euro, the cost is comparable to the annual membership dues of some other professional scientific societies. Any Ordinary Member who wishes to upgrade to a Lifetime Membership should initially get in touch via the [website contact form](#). The previous 5-year Ordinary Memberships have now been discontinued. Those in the middle of a 5-year Membership will be automatically renewed until it has run out, whereupon they will be prompted to take out a new recurrent annual Ordinary Membership (or a Lifetime Membership).

A final note is that when an email address is used for the first time on the new member database (first renewal or new member joining) a verification link is automatically sent to that email address. The same happens when you click the "Forgot Password" link on the log in screen. This is a one-off, standard IT security check as used by many online service providers but there have been instances where the automated email goes to spam or is blocked by a firewall. The firewall problem is limited to some institutional accounts that incorrectly identify the automated email as spam or phishing. It is worth asking your IT support to "whitelist" emails from portal@sedimentologists.org, indeed all official IAS emails come from an address ending in @sedimentologists.org. Likewise, on generic platforms such as Gmail it is easy to set up a filter to prevent emails from @sedimentologists.org going to spam.

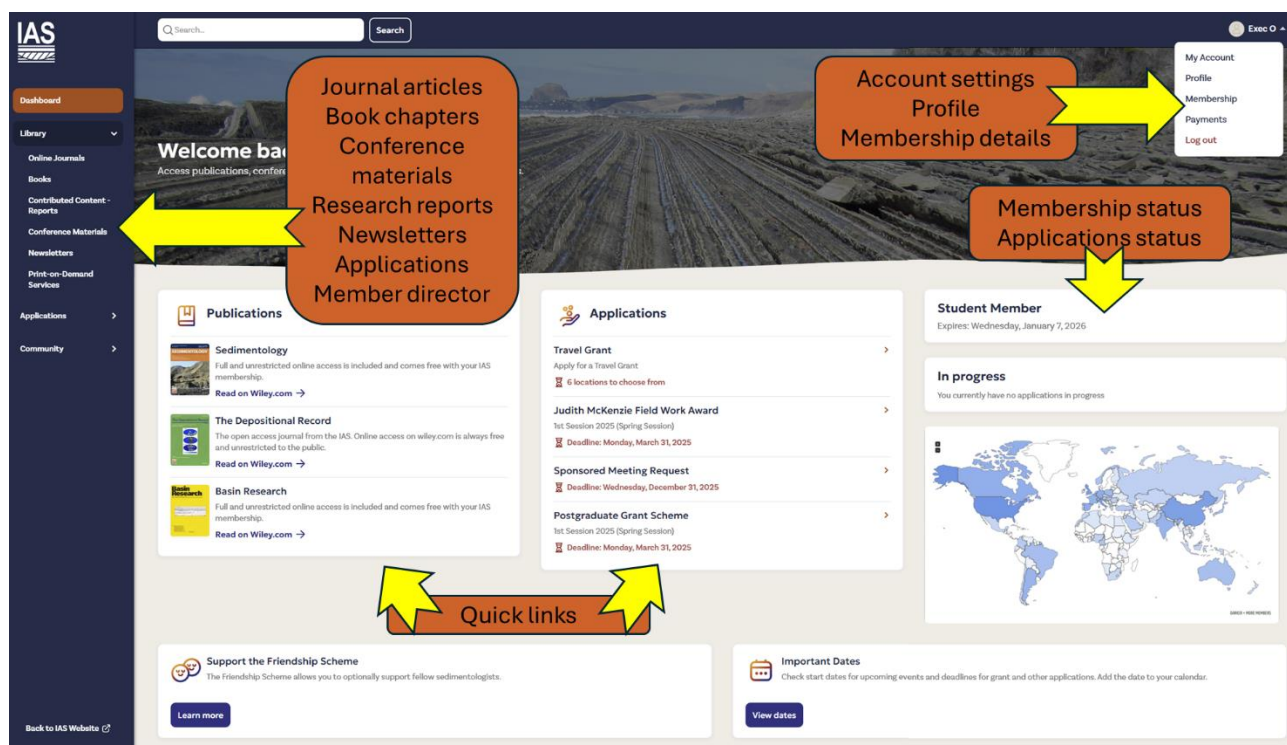
Development and population of the website and portal are ongoing. We have just uploaded all the archived conference material to the portal as well as past research grant reports. If you think that there is anything else that should be uploaded, or that is missing, or wrong, please do [get in touch](#) with us.

Longer term planned developments are a closer integration with IAS social media channels and a members' forum. For the moment, to make the most of the new portal please make sure you complete your Member's profile with your **contact information**, **social media and research identifier details**, as well as your **research interests** and a **profile photograph**. Additionally, to maximize networking opportunities, we recommend setting your **account preferences** to:

- Receive communications from your regional correspondents.
- Subscribe to the IAS newsletter to stay updated on news and events.

When you log in to the portal you will see a dashboard screen with some key links and information such as your membership status. Your **account settings and profile** are accessed from the drop-

down menu beneath your name on the top right corner when you are logged in to the portal. Links to **applications** and **publications** are from the drop-down menus on the left hand side.



5. 22nd International Sedimentological Congress, Wellington, Aotearoa New Zealand – Call for Abstracts and IAS visit

The call for abstracts is now open for the 22nd ISC and the submission deadline is **16 May 2025**. The abstract guidelines can be read [at this link](#). The list of proposed conference sessions and outline descriptions can be viewed [here](#). Please visit the [Congress website](#), which has been upgraded since the last IAS Newsletter. A list of key dates for the Congress is provided below.

IAS International Sedimentological Congress
ISC2026 WELLINGTON, NEW ZEALAND
 25-30 JANUARY 2026

25- 30 JANUARY 2026
 TĀKINA WELLINGTON CONVENTION
 AND EXHIBITION CENTRE

NEW ZEALAND

WWW.ISC2026.CO.NZ

KEY DATES:	
Call for Sessions and Pre/Post Workshop Submissions Open:	July 2024
Session/Workshop Submission Deadline:	22 November 2024
Session/Workshop Acceptance Notification:	18 December 2024
Abstract submission open:	February 2025
Registration Open:	March 2025
Abstract Submission Deadline:	16 May 2025
Authors Notified:	15 August 2025
Early Registration Deadline:	19 September 2025



Visit of the Acting President and General Secretary to Wellington

As part of the preparations for an upcoming *International Sedimentological Congress*, it used to be customary for most or all of the IAS Council of Management (CoM) to visit the host location one year in advance. This visit allows for a comprehensive meeting with the local organising committee to view the facilities and to exchange insights and experiences from previous congresses. However, to reduce expenses, this year's visit to Wellington, host city for the 22nd ISC in January 2026, was conducted solely by Acting President Daniel Ariztegui and General Secretary Gonzalo Veiga.



During our visit, the local organising committee provided us with an extensive tour of the stunning facilities of the Wellington Convention Centre, where the ISC 2026 will take place. The venue boasts state-of-the-art technical capabilities, making it a near-perfect setting for holding the Congress. In addition, its prime location in the heart of the city ensures that attendees will have

convenient access to lodging, dining, and entertainment. Most hotels and other accommodation options are within walking distance, and the surrounding area is filled with a diverse range of restaurants, pubs, and cafés offering breathtaking views of Wellington Bay. These options cater to a wide range of budgets, ensuring affordability for all attendees.

The city's tourist office, which has been highly supportive of the Congress, extended an invitation for a guided tour of Wellington. We were able to witness first-hand the incredible beauty of the area, which is sure to be a major attraction for congress participants and accompanying guests. The warm hospitality and friendliness of New Zealanders were evident throughout our visit, further reinforcing the welcoming atmosphere that awaits ISC attendees.



A key component of our visit was meeting with the organising committee to discuss the congress program, which will revolve around the theme *Sedimentation on Active Plate Margins Through Time and Space*. Co-Conveners Lorna Strachan and Dominic Strogen, along with the rest of the

organising team, enthusiastically presented a diverse array of proposed sessions. These will cover a broad spectrum of topics, including tectonic geomorphology and sedimentation, volcano-sedimentary processes and deposits, carbonate deposition and diagenesis, and perspectives on sediments and sedimentary processes from Māori and Pasifika cultures. In addition to these sessions, plans are in place for a mid-congress field trip, as well as pre- and post-conference excursions, providing further opportunities for scientific exchange and exploration.



We also engaged in extensive discussions with Amy Abel and her colleagues from Conferences & Events Ltd., who are managing the logistics for ISC 2026. Their professionalism and dedication have been invaluable in ensuring the seamless organisation of the event. We extend our sincere gratitude to them for their support and collaboration.

One of the highlights of our visit was a superb field trip to the famous Red Rocks south of Wellington, expertly led by Dominic Stroger and Scott

Nodder. This excursion provided an excellent preview of the exciting geological experiences that await congress participants in 2026.

Based on our visit, we are confident that ISC 2026 will be an outstanding congress, bringing together sedimentologists from around the world in an inspiring setting. We eagerly anticipate insightful discussions and fruitful collaborations in this breathtaking location, complemented by the warm hospitality of our New Zealand hosts. We encourage everyone to visit the official website at <https://confer.co.nz/isc2026/> for further details, and we look forward to welcoming you all to Wellington next year!

Daniel Ariztegui, IAS Acting President

6. IAS Research Grants – Spring 2025 Round

Closing date 31 March 2025

Twice a year, every year, the IAS offers research grants to its eligible members, up to a typical annual total of 43,000 Euro. These grants are ideal for pilot studies / proof of concept investigations, or for analytical work or field data collection that isn't covered by bursaries or other funding sources. For example, following up an unexpected discovery during a PhD project that isn't captured by the existing grant.

The application process is simple and the success rates are high, compared to many other funding sources.

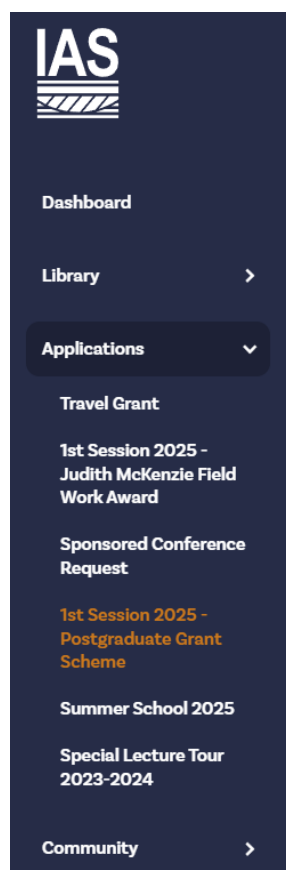
Grants are always paid **after** the specific piece of research has been completed and a concise but well-illustrated scientific report and a financial statement with itemised receipts are submitted to the IAS to document that the funds have been used appropriately. It is important to note that grants are

personal to the recipient, they can't be paid into university accounts, they can't be used to offset institutional overhead costs, and they can't be paid in advance.

Grant applications are evaluated by a committee chaired by an IAS Managing Council member. Feedback is provided to unsuccessful applicants, who can re-apply in a subsequent round if they are still eligible. However, the high success rates mean that well-written and justified applications for original and interesting sedimentological projects stand a strong chance of being funded. It is also important to demonstrate that the proposed piece of research could not otherwise be funded.

There are three categories of research grant:

Type	Eligibility	Number, amount	Closing dates
Judith McKenzie Fieldwork Award	MSc (by research) students	2 grants each of up to 600 Euro	31 st March and 30 th September
Postgraduate Research Grants	PhD students	10 grants each of up to 1,000 Euro	31 st March and 30 th September
Postdoctoral Research Grants	Early career researchers within 7 years FTE of PhD award	4 grants each of up to 2,500 Euro	31 st March and 30 th September



How to apply:

Simply log in to your profile on the IAS website and click the link under “**Applications**” on the left-hand side of the screen (the specific grants you will see depend on your membership status).

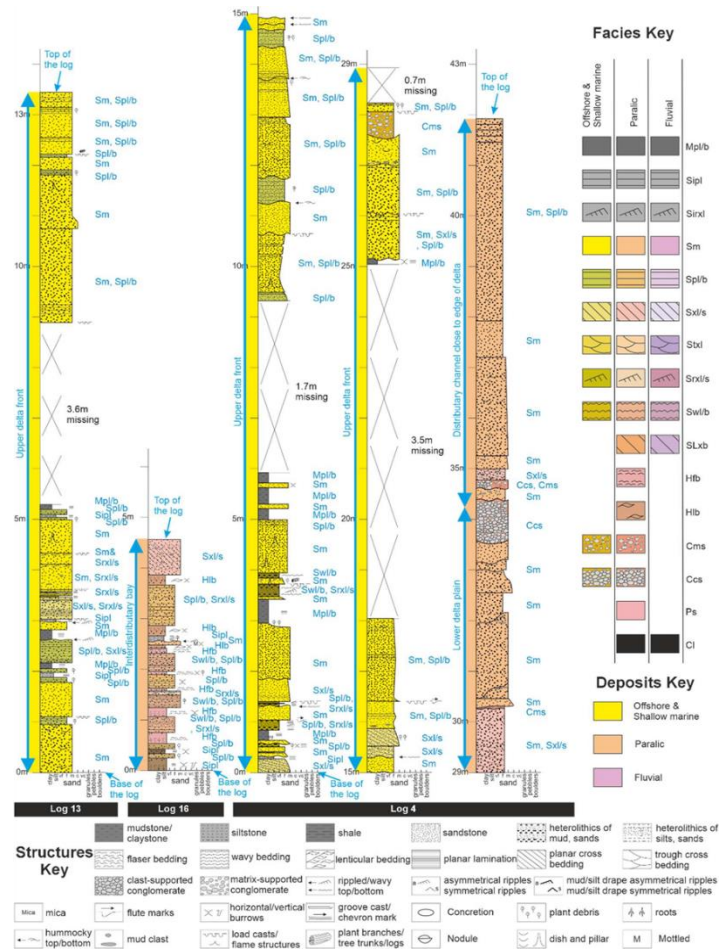
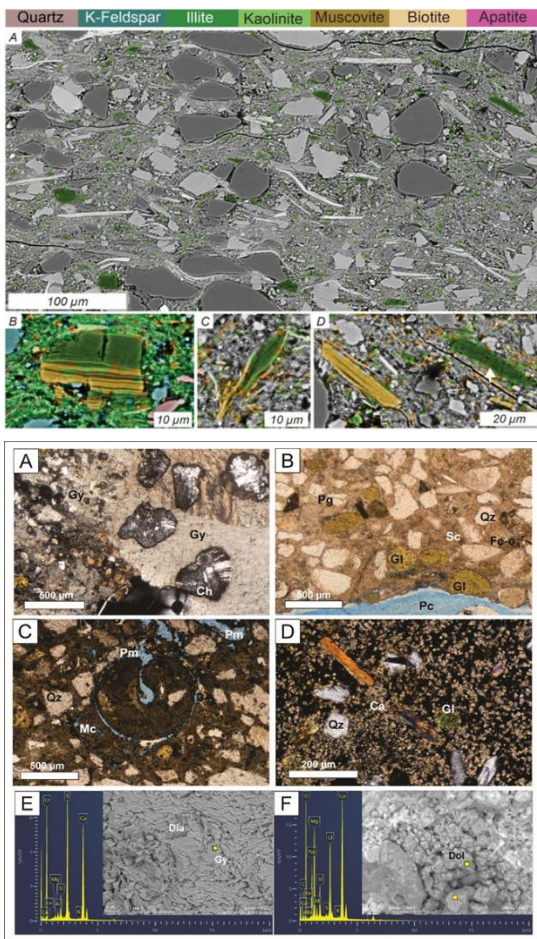
Please download and **carefully read** the **guidelines**.

Download and complete the **application form**, taking care to complete all sections and provide all the additional information required. For Judith McKenzie Fieldwork Awards and Postgraduate Grants it is important that your application contains proof that you are enrolled as a student at the time you apply and for the duration of the grant you are applying for. This means a formal enrolment letter or certificate, not just a copy of a student card!

Make sure your research proposal is novel, exciting and achievable!

Upload your completed application form with the additional documentation required in a single PDF file.

The scientific reports that arise from the IAS research grants will be archived on the IAS website, but also serve as an illustration of the vibrant activity within our international research community. We therefore like to have plenty of illustrations (especially “*research in action*” photographs) that we can share on the IAS website, Newsletters and social media.

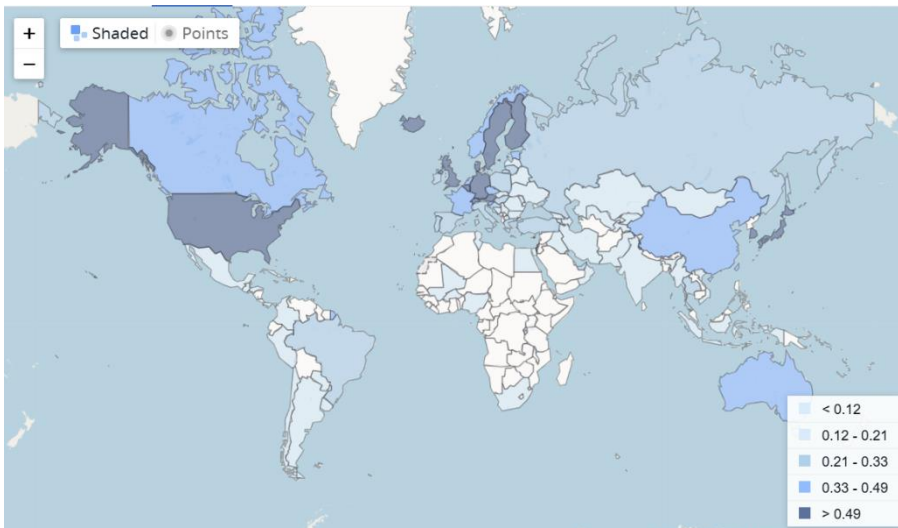


Example IAS research grant output, image credits: William McMahon, Jessica Kronemberger, Sheng Chen

7. IAS International Institutional Grants – Spring 2025 Round

Closing date 31 March 2025

The IAS offers twice-yearly **International Institutional Grants** to assist Earth Science departments in countries with less than 1% GDP expenditure on research and development (as defined by data compiled by the **World Bank**) to obtain **sedimentological equipment for teaching and research**, and/or tools that can be used by all geology students. These grants are **under-subscribed**, and can be up to a transformative value of **10,000 Euro each**.



If you are an IAS member in a country with a record of < 1% GDP expenditure on research and development you may be eligible to apply for an Institutional Grant on behalf of your institute / university department.



The scheme is simple. IAS Ordinary Members apply on behalf of their institutions and departments through their profiles on the IAS website. There is a set of **guidelines** that it is important to read carefully, and an **application form** to download and complete. The application form asks for a lot of information, but it is all routine and straightforward to collate (e.g. profile of the institute in terms of its mission statement, staffing, undergraduate and postgraduate courses, student numbers, facilities). Most important are the motivation for submitting the application, an itemised budget and

justification for the equipment requested with formal supplier quotations, and a supporting statement from the institute's managing authorities. Successful grant applications will clearly demonstrate how the grant will increase the recipient institute's capacity to teach sedimentology at undergraduate level in a sustainable way.

If an application is approved, the IAS purchases the equipment and pays for its shipping. These grants are a fantastic opportunity to build capacity in Earth Science departments where institutional funding may be limited. **They are usually under subscribed so there is a high chance of success for well-prepared applications that meet the criteria and guidelines!**

8. North Sea Core for Teaching

NORTH SEA CORE



The IAS in collaboration with North Sea Core CIC sponsors the distribution of core samples for teaching from a range of depositional environments to academic institutions that do not necessarily have the funds to acquire these themselves. The scheme is open to **IAS Ordinary Members**, who apply on behalf of their institutions. Applicants will be able to select from three possible packages: **Hand Samples**, **Resinated Slabs**, or **Combination**. Details of these packages can be found here. Any core samples granted will remain the

property of the institution to be used exclusively for teaching. Shipping costs are covered by the scheme and partly determine the number of packages available each round.

The last application round closed on 31st December 2024 and 25 applications were received. These are being ranked and the successful applicants will be contacted soon.

The next round has a closing date of **30th June 2025**. Applications are made through the member's portal on the IAS website, where more details of the scheme can also be found. Applicants who were unsuccessful in previous rounds may re-apply. Strong preference will be given to institutions that are financially or logistically unable to acquire these sets or similar materials themselves, and

where the core samples will be most extensively utilised and strongly benefit the teaching programme.



9. IAS Summer School 2025: 800 My of Earth History in 800 km²

The [11th IAS International Summer School of Sedimentology](#) will take place from 4th – 12th July 2025 amongst the world-class sedimentary geology and stunning scenery of NW Wales, including the [GeoMôn UNESCO Global Geopark](#). An amazing 87 applications were received for the 20 available places, leaving the organisers with a very difficult selection task. Ranking of candidates was based on their motivation statements, CVs, and supervisor's letter of recommendation, but also took into account the IAS's [EDIA principles](#). Accommodation has been booked, field guides are being prepared, and all other preparatory tasks are progressing well. The Summer School promises to be a great opportunity for IAS student members from a wide range of backgrounds to work and socialise together and make lifelong connections. In addition to examining the history of NW Wales in deep time with expert tuition they will learn about the role of geoscience in the energy transition and in the development of clean energy resources.



The next IAS International Summer School will be in 2027 and hosted in India – more details will be available in the autumn

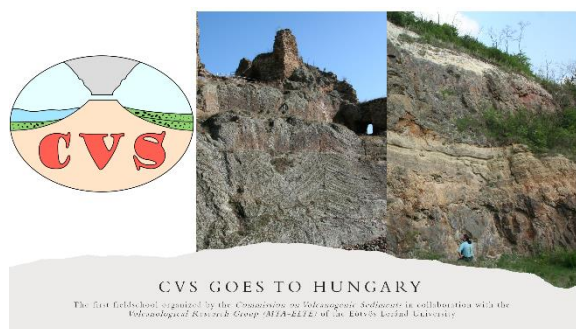
10. Forthcoming meetings being sponsored by the IAS



The IAS is currently sponsoring 11 sedimentological meetings in 2025, 7 of which are supported through [Travel Grants](#) offered to IAS Student Members. **Please see below for information on how to apply for these.** Click on the meeting titles for links to their respective websites.

Links to all sponsored meetings can also be found on the [Events](#) section of the IAS website.

[CVS Goes to Hungary Field School](#)



07 – 11 April 2025, Budapest, Matra and Bükk Mountains, Hungary

The first field school organised by the Commission on Volcanogenic Sediments will focus on two areas of the Pannonian Basin where sedimentation processes and architectures were strongly influenced by Miocene volcanism. Participants will discuss how to approach the study of volcanoclastic sequences from a field to laboratory micro-analytical perspective.

Registration is closed.

[IAS Travel Grants are available!](#) Application deadline: **07 March 2025.**

[8th International Planetary Dunes Workshop](#)

19 – 22 May 2025, Alghero, Sardinia, Italy

This workshop will provide a forum for discussion and exchange of new ideas and approaches to the investigation of aeolian processes that form and maintain dune fields on Earth, underwater, and on other planetary bodies within the solar system.



A field trip will visit the Porto Ferro coastal dune system.

Abstract deadline: **12 March 2025.**

Registration deadline: **31 March 2025.**

GeoSed 2025



10 – 13 June 2025, Università della Calabria, Rende (CS), Italy

A conference with field trips that aims to bring together all members of the Italian Geological Society, IAS, and whoever have an interest in topics related to physical stratigraphy, sedimentology, sedimentary petrology, paleoclimatology, and paleogeography, in order to stimulate active debate on these topics and to encourage and support the birth of profitable scientific collaborations.

Abstract deadline: **11 April 2025**.

Early bird registration deadline: **11 April 2025**.

IAS Travel Grants are available! Application deadline: **18 April 2025**.

Tidalites 2025 - 11th Congress on Tidal Dynamics and Sedimentology

09 – 11 September 2025, University of Liverpool, UK

This exciting event will gather leading experts from diverse fields, including sedimentology, oceanography, coastal engineering, morphodynamics, and tidal energy. Key scientific themes include:

- The deep-time tidal sedimentary record: hydrodynamics and climate change
- Coastal dynamics of tidally influenced systems
- The role of tides in the future of energy production



In addition to engaging sessions, participants will have the opportunity to join field trips before and after the conference and master classes.

Abstract deadline: **31 May 2025**.

Early bird registration deadline: **20 March 2025** (final deadline 31 May 2025).

IAS Travel Grants are available! Application deadline: **31 May 2025**.

Follow the IAS on Social Media

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



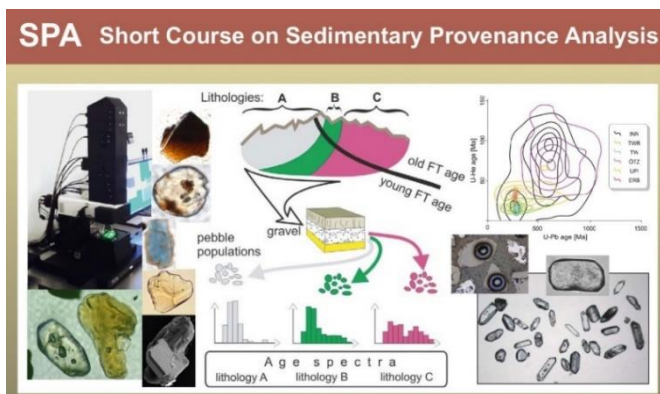
All the **IAS Journals** are also active on “X” (former Twitter). Stay up to date on the latest news and papers in [@sedimentology](#) by following the IAS journals: [@JSedimentology](#), [@DepositRecord](#), [@BasinResearch](#).

Sedimentary Provenance Analysis – SPA Short Course

08 – 12 September 2025, Geoscience Centre Göttingen, Germany

The Short Course is designed for 25 to 30 participants and previous iterations (most years since 2011) have been fully booked. It is designed for PhD-students, however, advanced M.Sc.-students and postdocs are highly welcome. Participants benefit from lectures and exercises giving a comprehensive overview on the potential of sedimentary provenance analysis for reconstructing the parent rocks of sediments, the climatic and geomorphic conditions under which sediments formed as well as the evolution of sediment-forming processes and sediment routing systems through time and space.

Registration deadline: **21 April 2025**.



IAS Travel Grants are available! Application deadline: **08 June 2025**.

Palaeoseagrass: Sedimentary Processes and Microfacies



PALEOSEAGRASS

SEDIMENTARY PROCESSES AND MICROFACIES

08 – 12 September 2025, Jardí Botànic-Museu Ciències Naturals, Sóller, Mallorca, Spain

A short course with laboratory sessions and field trip dedicated to understanding the seagrass carbonate factory, its composition and recognition, and its palaeoecological significance.

Topics will include seagrass as ecosystems, sedimentary processes, indirect Paleoseagrass Indicators, seagrass and CO₂ balance in Earth history.

The field trip will visit a modern seagrass meadow.

Registration deadline: **30 June 2025**.

IAS Travel Grants are available! Application deadline: **08 July 2025**.

19th Argentinean Meeting of Sedimentology

10 – 12 September 2025, Cultural Centre of the National University of Córdoba, Argentina

Under the motto “Sedimentology in the Age of Data Science,” the XIX RAS will provide an opportunity to learn, expand, and discuss this new frontier of research and implications for sedimentological investigations. This will be a unique meeting focused on exploring how data



science, machine learning and deep learning can be applied to sedimentology, stratigraphy and basin analysis research. Short courses and field trips are also on offer. Registration fees have been deliberately kept as low as possible for undergraduate and postgraduate students.

Abstract deadline: **23 May 2025**.

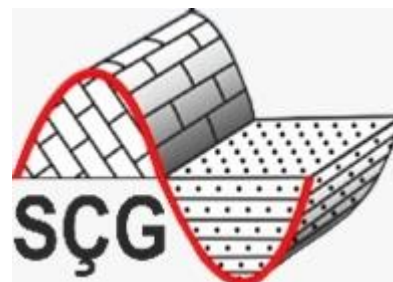
Early bird registration deadline: **23 May 2025**.

Turkish Sedimentology Working Group Workshop with International Participants 2025

11 – 14 September 2025, Dokuz Eylül University, İzmir, Türkiye

The theme of the 10th SÇG workshop is “Marine Depositional Systems and Climate Change”, with sub-themes including:

- Coastal/shelf deposits
- Coastal morphodynamics and sedimentology
- Sequence stratigraphy
- Deep marine sediments
- Sedimentary structures and soft sediment deformation
- Marine ecology
- Paleo-climate and oceanography
- Marine geophysics
- Dynamics of climate and sea level changes
- Tectonism and sedimentary processes



A field trip and cultural visits are also included.

Abstract deadline: **20 June 2025**.

Registration deadline: **20 June 2025**.

COLOS Core Logging School



14 – 18 September 2025, Holy Cross Mountains, Poland

Building on the success of the inaugural Core Logging School in 2024 (see report in IAS Newsletter from **October 2024**), lectures will again be held at the European Centre for Geological Education in Chęciny, with practical sessions hosted at the Central Core Depository in Chmielnik. The course will be led by distinguished experts with extensive experience in borehole core logging for both academic and industrial applications, and is open to students, postdocs, researchers, and industry professionals from around the globe.

Registration deadline: **31 May 2025**.

MFed 2025: Microbialites – Formation, Evolution, Diagenesis



30 September – 03 October 2025, Leibniz University, Hannover, Germany

The third iteration of this conference will address cutting edge topics in microbialite studies, bringing together a diverse mix of junior researchers and senior experts. Topics will include

- Biofilms and their interaction with the environment
- Microbialites through deep time: Unique archives for environmental reconstructions
- Microbialites in variable geological settings: From continents to the deep sea
- Mutual impact of microbialite mineralogy and environment

There will also be interactive workshops (e.g. “*Grow Your Own Microbial Mat – The Do’s and Don’ts*”) and a field trip to the site of the first stromatolites described in the literature.

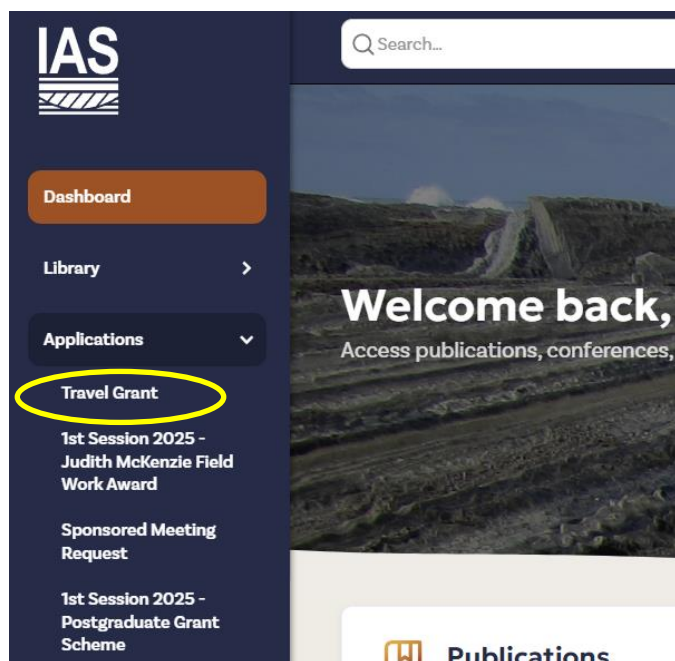
Abstract deadline: **15 April 2025.**

Registration deadline: **15 April 2025.**

IAS Travel Grants are available! Application deadline: **31 May 2025.**

Applying for IAS Travel Grants

IAS Student Members may apply for a Travel Grant to attend an IAS-sponsored meeting. The full terms and conditions can be read [here](#), but in summary the grants contribute towards (but will not fully cover) the costs incurred in participating in the meeting. For conferences and workshops it is a condition that the grant recipient presents a talk or poster as first author. The grant amounts depend on travel distance from place of study or residence to the meeting location, according to a set of defined categories, and they are paid after the meeting.



To apply for a Travel Grant, Student Members should log in to the member portal, then select “Travel Grant” in the drop down menu under Applications on the left hand side of the dashboard.

It is really important to **select the correct meeting** from the drop down list in step 1 of the process. Download and read the guidelines, then download and complete the MS Word application form, attach the required documentation, and upload the merged files as a single pdf before the closing deadline. Once an application has been submitted it will appear in the “In progress” box of your dashboard.

Apply for a Travel Grant
Get financial support to attend sedimentology-related meetings sponsored by the IAS.

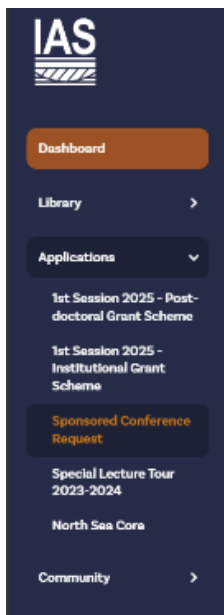
Select the correct meeting!

- 1 Select a Travel Grant to begin**
Travel Grant*
Field School - CVS Goes to Hungary
- 2 Guidelines**
Download the guidelines and carefully read the document.
Download
- 3 Application Form**
Download and complete application form (.docx).
Note, if travel grants for any event are over-subscribed they will be allocated to valid applications on a first-come-first-served basis.
Download
- 4 Save Application**
Save completed application form as a PDF file (.pdf).
- 5 Upload**
Accept terms and conditions and upload (max 2MB).
 I accept the terms and conditions as described in the guidelines.
Upload

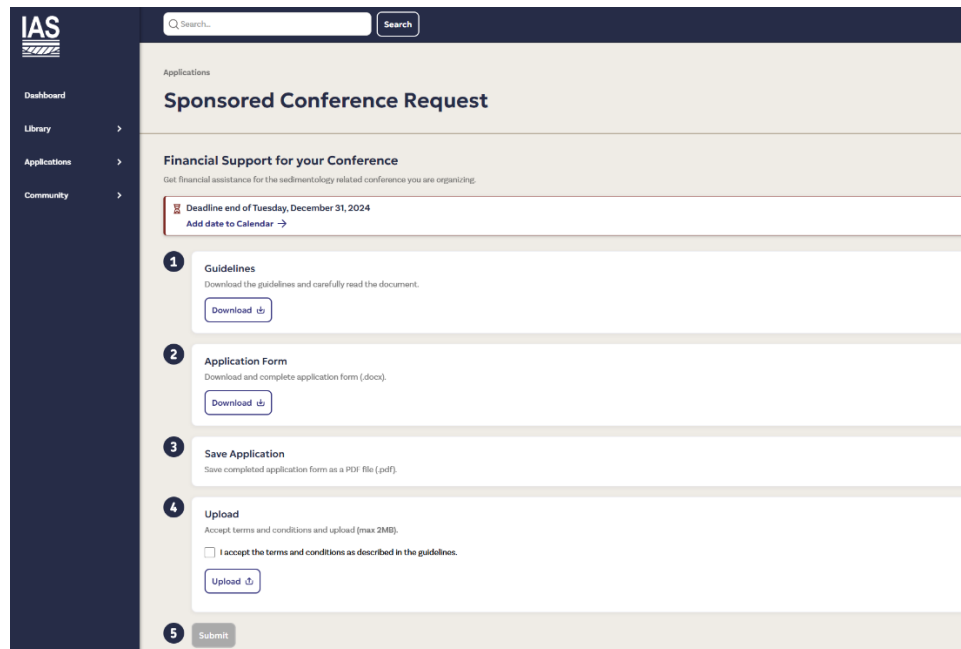
11. How to apply for IAS meeting sponsorship



IAS members who want to organise a sedimentology-themed conference, workshop, short course, or field excursion, are invited to apply for IAS support. The procedure is very straightforward and applications can be submitted by Ordinary Members or by Student Members. It is expected that the event (conference, workshop, etc.) will be international in scope, and it must at least be open to international participation.



Simply log in to the member's portal from the IAS website and click on **"Sponsored Conference Request"** in the menu on the left-hand side of the screen. This takes you to a web page where you can download and read the guidelines (please do this first!), download an application form, and upload the completed form with supporting information to submit your application.



The application must be received at least 6 months before the meeting registration deadline, and the proposed event must not overlap with an annual IAS conference (IMS or ISC)

Support will typically be provided as IAS-funded [Travel Grants](#) to assist Student Members to participate in the event, and can sometimes be in the form of direct (logistical) sponsorship where the event will be a significant outreach event to help grow the Association. In both cases we will provide publicity / marketing via the IAS Newsletter, social media channels and website.

The event should have its own website that can be linked to the IAS publicity channels.

If you are interested in IAS sponsorship for your event but are uncertain if it is suitable, or just have more questions, please [contact us](#) as early as possible and we will help you as much as we can.

12. The 2023-2024 IAS Special Lecture Tour – A resounding success

The IAS Lecture Tour initiative has been running for several years and has consistently proven to be a successful means of sharing the goals of the association. It has also significantly contributed to expanding our network, particularly in regions with lower contact, fostering new collaborations and engagement.

The recent IAS Lecture Tour has been a resounding success, with an excellent turnout at various institutions worldwide. The tour provided an invaluable opportunity to engage with a diverse audience, fostering stimulating discussions and strengthening our association's outreach. Many of the lectures were complemented by field trips organized by host institutions, further enhancing the educational experience for attendees.

The tour featured three lecturers, Tracy Frank, Matthieu Cartigny and Daniel Ariztegui, who delivered insightful presentations across multiple continents. Below is an overview of their engagements.

Tracy Frank contributed to the tour with both in-person and virtual presentations. She delivered insightful talks at the Indian Association of Sedimentologists at Annamalai University (India) and to the Chinese Association of Sedimentologists (hosted by Nanjing University) through virtual platforms. She also gave in person and hybrid talks at Department of Geology at Kansas State University (USA) and several institutions in Canada. Her expertise provided valuable perspectives that were highly appreciated by attendees.

Matthieu Cartigny visited and presented at a wide range of institutions, including the University of Tasmania (Australia), the Institute of Geosciences at Kiel University (Germany), the Indian Association of Sedimentologists at Annamalai University (India), the Colorado School of Mines (USA), the First Institute of Oceanography in Qingdao (China) and other Chinese universities, and the Department of Earth and Ocean Dynamics at the University of Barcelona (Spain), with further lectures planned at the University of Paraná (Brazil) and the Institute of Geophysics at the Czech Academy of Sciences. His lectures were met with enthusiasm, sparking engaging one-on-one discussions with students and researchers alike.

Daniel Ariztegui addressed virtual and in-person audiences across several prestigious institutions. He visited the universities of Córdoba and La Plata (Argentina), the universities of Zaragoza and Granada (Spain), the Indian Association of Sedimentologists at Annamalai University (India), Trinity College Dublin (Ireland), the University of Saskatchewan and Simon Fraser University in Vancouver (Canada), RSMAS at University of Miami and a virtual talk at the University of Southern Mississippi (United States), the Institute of Geosciences of Wuhan (China) as well as the geosciences department in Curitiba (Brazil), and the Free University of Amsterdam (The Netherlands). His lectures stimulated attractive discussions and furthered academic collaboration across various regions.





The three lectures attended the Indian Sedimentological Congress at the Annamalai University and delivered their lecture tour talks. Matthieu and Daniel did it in person while Tracy did it virtually due to previous engagements. The hospitality and enthusiasm of both organisers and participants were excellent and we had the opportunity to learn about Indian culture and art.

The tour has not only facilitated knowledge exchange but has also served as a platform to promote the IAS and its objectives. The enthusiasm and engagement displayed by participants reaffirm the significance of such initiatives in advancing sedimentological research and fostering international collaboration.

Looking ahead, there are still a few invitations lined up for 2025, ensuring that the momentum continues. We are excited about the opportunities ahead and look forward to further enriching the global sedimentological community through these valuable interactions.

Stay tuned for updates on upcoming lectures and new destinations as we continue to expand the reach of the IAS Lecture Tour!



A dynamic and enthusiastic crowd of students and faculty attended the lecture at the University of Curitiba, Brazil, following the invitation of professors Anelize Bahniuk Rumbelsperger and Leonardo Fadel Cury.

13. Announcement of IAS Research and Institutional Grant recipients from the autumn 2024 round

We are delighted to announce the recipients of the Autumn 2024 round of IAS Grants and wish them every success in their research and fieldwork projects!

Postdoctoral Research Grants

Recipient	University	Project title
Inés Aramendía	University of Geneva, Switzerland	Weathering response of the Southern Patagonian Andes to climate and tectonics in the Miocene: new insights from Lithium stable isotopic analyses
Sabrina Lizzoli	CIG, National University of La Plata, Argentina	Mid-Cretaceous paleosols as paleoclimatic proxies: examples from mid-high paleolatitudes in Patagonia
Brennan O'Connell	University of Cambridge, UK	Life on the edge: Carboniferous coastal wetland ecosystems
Carolina Rosca	Andalusian Earth Sciences Institute, Spain	Sr isotope system in lacustrine deposits - decoding past signals and defining modern challenges

Postgraduate Research Grants

Recipient	University	Project title
Jayesh Mukherjee	Aberystwyth University, UK	Late Quaternary sedimentological development of the Luni River floodout, India: using quartz grain microtextures to identify shifting fluvial-aeolian interactions in the Thar Desert
Joaquín Pérez Mayoral	CIG, National University of La Plata, Argentina	Lateral and vertical variations in the record of Cretaceous erg-margin systems of the Neuquén Basin, Argentina
Karim Lebeauvin	Paris-Saclay University, France	High-resolution quantification of ice-rafted debris using micro-CT scanning: A reconstruction of Patagonian Ice Sheet calving dynamics between 45-15 cal kyr BP
Meg Davies	University of Leeds, UK	Determining vertical and lateral changes in clay amounts and mineralogical composition of hybrid event beds in a ponded basin
Moreno Pizzutto	University of Milan, Italy	Architectural variations and channel pathway in a slope turbidite system: a case study from the Taza-Guercif Basin (Tortonian, NE Morocco)
Natalia Janet Rodriguez	National University of San Luis, Argentina	Geochemical provenance of windborne soils from central Argentina
Shannon Frey	University of Tasmania, Australia	Characteristics of submarine pumice- and lithic-rich density currents over prolonged flow periods; insights into mixed sediment transport and sediment wave formation from water tank experiments

Tereza Mosociova	University of Oslo, Norway	Tectonostratigraphic development and architecture of the Late Carboniferous gypsum palaeokarst system, Billefjorden Trough, Svalbard
Yan Li	University of Leeds, UK	Debris flow-deposit interactions in submarine lobes: process insights from observation of physical experiments

Judith McKenzie Fieldwork Awards

Recipient	University	Project title
Ajoacha Atemenkeng Randibell	University of Buea, Cameroon	Field characterization of sedimentary rocks in AJayuk Ndip, Mamfe continental Basin, SW Cameroon, West Africa
Jamal Wadood	National University of Athens, Greece	Investigating the evolution of Permian Carbonate Platform at the NW Margin of Indian Plate

International Institutional Grant

We are also delighted to announce that the recipient of the **International Institutional Grant** was **Dr Angana Chaudhuri**, on behalf of the **Department of Earth and Environmental Sciences, Indian Institute of Science Education and Research Bhopal, India**. The award finances a vacuum impregnation kit for preparing thin sections from porous or poorly consolidated sedimentological samples, and a dehumidifier to protect lenses of microscopes used for teaching and research.

14. IAS Awards 2026 – Preliminary notice

Every two and four years the IAS honours scientists who have had a high impact in the field of sedimentology through outstanding research and support of the Association. The next round of awards will be bestowed at the 22nd International Sedimentological Congress (January 2026, Wellington) and a formal call for nominations will go out after Easter – but now is the time to start thinking about who you would like to nominate. The awards to be bestowed are:



The Sorby Medal – the most prestigious award of the IAS given once every 4 years to those with a highly distinguished career and record of innovative sedimentology research. Past recipients include luminaries such as Bob Folk, John Allen, Roger Walker and Luis Pomar.

The Johannes Walther Award – this is bestowed every 2 years upon mid-career scientists who have a substantial impact in the field of sedimentology.

The Early Career Scientist Award – also given every 2 years this recognises contributions and future potential of outstanding early career sedimentologists.

Sun Shu Research Prizes – these recognise outstanding international and Chinese scientists in the field of sedimentology who are IAS members between the ages of 35 and 45, and are awarded every 2 years.

Please visit the IAS website awards page for details of previous award winners and to preview the nomination guidelines. Above all, please think and discuss with your colleagues as to who you think deserves to be put forward for these awards.

15. New IAS Research Grant reports

Since the last IAS Newsletter we have received 16 postdoctoral and postgraduate research grant reports. All the reports (since 2021) are available for IAS members to download and read via the membership portal. The new submissions are as follows, click on the titles to be taken to the reports.

Postdoctoral Grants

[3D stratigraphic architecture and evolution of Neogene-Quaternary alluvial systems at the southern margin of the Taza-Guercif basin \(NE Morocco\)](#) – **Chiara Zuffetti** (University of Milan)

[Understanding the Ichnology of Ancient Wetlands: ecosystem engineering in the Lastres Formation, Asturias](#) – **Anthony Shillito** (University of Saskatchewan)

[Biodiversity and geochemistry of late Cambrian shallow carbonate environments](#) – **David Cordie** (Edgewood College)

[New insights \(and new questions\) on the depositional environment and dynamics of the lowermost Triassic in Svalbard using sedimentology, radiochronology, palaeontology, and provenance data](#) – **Valentin Zuchuat** (RWTH Aachen)

[Diverse clay mineral pathways towards Burgess-Shale-type preservation](#) – **William McMahon** (University of Cambridge)

Postgraduate Grants

[Gypsum crystallization water isotopic record during the Mediterranean Messinian salinity crisis](#) – **Enrico Nallino** (University of Turin)

[Geochemical characterization of layered channel floor deposits and comparison with the interfluvial background sedimentation](#) – **Lotte Verweirder** (Ghent University)

[Diagenetic factors controlling fossil invertebrate preservation from Miocene marine deposits of northern Patagonia, Argentina](#) – **Jescia Kronemberger** (National University of Córdoba)

[Mechanisms of sediment transport across a coastal plain to submarine slope: outcrop analysis of a Carboniferous succession, northern England](#) – **Sheng Chen** (University of Leeds)

[Trace fossil distribution and architecture in a wet aeolian system](#) – **Manuel Rojas-Manriquez** (Institute of Earth and Environmental Sciences of La Pampa)

[Influence of hydrodynamic processes on sedimentary dynamics and harmful dinoflagellates during Holocene in the submarine canyon system off Pointe-des-Monts \(Quebec, Canada\)](#) – **Florian Jacques** (University of Québec at Rimouski)

[Reconstructing transitional paleoredox conditions between 'OAE 2' and 'OAE 3' \(Turonian-Coniacian\) through stable isotopes and TOC: A study of an intracratonic epeiric platform in the Bagh Group, Narmada Rift Basin, Central India](#) – **Prantik Mondal** (Indian Institute of Technology, Roorkee)

New insight on soft-sediment deformation structures - geochemical approach - Szymon Świątek (Adam Mickiewicz University)

Eocene-Oligocene transition in the shallow-water Apulian carbonate platform: subaerial exposure evidence and paleoenvironmental reconstruction (Torre Sant' Emiliano section, Southeastern Italy) – Diego Marianelli (Sapienza University of Rome)

Disentangling redox environments and small shelly faunal occurrences from the normally fossiliferous Mernmerna Formation of South Australia – Eury Speir (University of Missouri)

Ice-marginal dynamics of plateau icefields in response to climate change – Libby Pattison (University of Nottingham)

Applying for IAS research grants is very easy – see item 6 in this Newsletter!

16. Meeting report: British Sedimentological Research Group 2024

The University of Leeds, UK hosted the 63rd British Sedimentological Research Group (BSRG) Annual General Meeting from the 16-18 December 2024. The conference was generously sponsored by the IAS, Geosolutions Leeds, and GeoTek. Over 120 sedimentologists from all over the UK and as far afield as Brazil, China and the USA visited Leeds for this diverse sedimentology conference.

The icebreaker at a Leeds institution, the Tetley, got the conference off with a bang and the conference dinner at Akbars curry house left everyone with a great taste of Leeds!



Icebreaker at the Tetley, allowed old connections to be rekindled and new contacts to be made.

Hosted at the excellent University conference centre, Cloth Hall Court, two full days of academic meetings permitted over 100 presentations on topics ranging from outcrop geology, through subsurface solutions for the energy transition, to societal challenges that sedimentology can help address, such as transport and deposition of microplastics in the natural environment.



A great turnout made for excellent opportunities to showcase the amazing range of sedimentary research ongoing in the UK, Europe and further afield.

Early career researcher and industry forums took place over lunch each day, to allow post-grads and early career people to engage in discussions of the future of the society and career paths.

A combined field trip and core workshop (led by Arka Sakar, Joe Kelly & Richard Collier) allowed guests to see the Geothermal Campus initiative first hand and learn about the exciting range of **Geosolutions** activities underway at Leeds.

BSRG fieldtrip to Elland Edge quarry, to examine Carboniferous fluvio-deltaic strata, in the same formation as being exploited for geothermal energy in the University of Leeds campus



Adam McArthur, BSRG Convener

17. IAS and GSA



IAS is pleased to announce that it has entered into a memorandum of understanding with the Geological Society of America (GSA) whereby the IAS and GSA recognise each other as affiliated societies and promote each other's events and activities. This will include the possibility of organising joint sessions at IAS and GSA meetings, potential collaborative publication projects and member discounts on books, and reduced

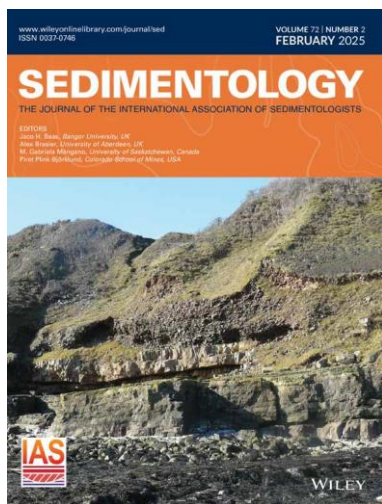
registration fees for annual conferences. More details will be made available soon, for the moment we include a flyer in this Newsletter for GSA's International Awards and Grants for 2025.

18. IAS Journals – Current Contents

Click on the journal cover images for IAS Free Member access (log in required)

Sedimentology Current Issue (February 2025)

Sedimentology is the flagship journal of the IAS publishing ground-breaking research from across the spectrum of sedimentology, sedimentary geology and sedimentary geochemistry.



Transport of 'Nama'-type biota in sediment gravity and combined flows: Implications for terminal Ediacaran palaeoecology

Brennan O'Connell, William J. McMahon, Andreas Nduutepo, Paulina Pokolo, Helke Mocke, Sean McMahon, Catherine E. Boddy, Alexander G. Liu

The Teichichnus Ichnofacies: Its neoichnological basis and identification in the rock record

Murray K. Gingras, James A. MacEachern, Shahin E. Dashtgard, Kerrie L. Bann

Pedogenic continental red beds: How, why and when red? Redox geochemistry and quantitative colour analysis of the Old Red Sandstone, South Wales, UK

Ondřej Bábek, Lukáš Ackerman, Daniel Šimíček, V. Paul Wright, Susan Marriott, Tomáš Pluháček, Salahaddin Shahrokhi, Hedvika Weinerová

Nature and significance of Late Pleistocene to Holocene thick evaporite deposits of the Danakil Depression, Afar, Ethiopia

Valentin Rime, Haileyesus Negga, Robin Fentimen, Andres Rüggeberg, Afifé El Korh, Claudius Pirkenseer, Jean-Charles Schaegis, Irka Hajdas, Thierry Adatte, Balemwal Atnafu, Tesfaye Kidane, Anneleen Foubert

Taiwan Strait: An ocean-current-dominated shallow-water setting with a river-fed detached muddy contourite deposit

Xin Shan, Robert W. Dalrymple, Xuefa Shi, Shuqing Qiao, Chenguang Liu, Zhengquan Yao, Lina Jin, Qingfeng Hua, Han Feng, Shan Liu, Shihao Liu, Char-Shine Liu, Paul Liu

Facies stacking and lateral variability of travertines from the Quaternary Vega Botijuela, Salar de Antofalla Basin, Argentina

Filipe Giovanini Varejão, Guido E. Alonso, Gustavo B. Athayde, Anelize M. Bahniuk Rumbelsperger, Leonardo F. Cury

Palaeogeographical and eodiagenetic settings of host-replacing phreatic calcrete intervals developed in mud deposits of the Famennian Kinnesswood Formation in the Pennyseorach Subbasin of south-west Scotland

Pierre Jutras

Present-day sedimentary processes on the shelves of inactive volcanic ocean islands: The case study of Porto Santo Island (Madeira Archipelago)

Simone Innocentini, Rui Quartau, José Madeira, Daniele Casalbore, César Andrade, Ana Nobre Silva, Mário Cachão, Sandra Moreira, Rúben Santos, Joaquim Pombo, Aurora Rodrigues

Topographic controls on the distribution of bioturbation in an intertidal sandflat

Scott Melnyk, Cody N. Lazowski, Shahin E. Dashtgard, Murray K. Gingras

Late Ordovician ironstone and its relation to ocean redox instability, climate and glaciation

Edward J. Matheson, Jackson D. Malone, Peir K. Pufahl, Eric E. Hiatt

Provenance studies and basin evolution: Insight from the Yukon–Koyukuk Basin, Alaska

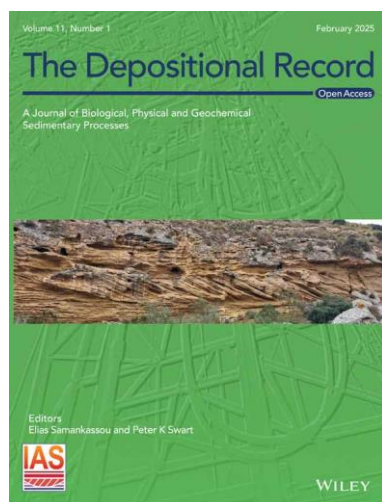
Simone Seminara, Victoria Pease, Jaime Toro, Jenny Omma

Challenges to the ancient methane seep search strategy: The Bedford Canyon Formation (Middle Jurassic, Santa Ana Mountains, California)

Russell S. Shapiro, Miquela Ingalls

The Depositional Record Current Issue (February 2025)

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.



Microfacies and geochemistry of Kimmeridgian limestone strata in the Eastern Pontides (North-East Turkey): Palaeoclimate and palaeoenvironmental influence on organic matter enrichment

Merve Özyurt, M. Ziya Kırmacı

Lateral heterogeneity of basin-plain turbidites of the Cloridorme Formation, Quebec, Canada: Implications for horizontal well prediction

Zane Jobe, Chance Seckinger, Thomas Martin, Kaci Kus, Luke Pettinga

Origin of ferruginous coated grains in the Lower Jurassic palustrine limestones of the Pranhita–Godavari Basin, India

Shantanu Datta, Arnab Sain, Suparna Goswami, Parthasarathi Ghosh, Concepción Arenas Abad

Early diagenetic evolution based on petrography and stable isotope analysis in the Barra Velha Formation of the Brazilian Pre-salt

João Paulo Borges Gomes, Rodrigo Brandão Bunevich, Ana Carolina Leonel Sartorato, Leonardo Ribeiro Tedeschi, Sandra Nellis Toniello, Maurice Edwin Tucker, Fiona Whitaker

The Early–Middle Miocene climate as reflected by a mid-latitude lacustrine record in the Ebro Basin, north-east Iberia

Concha Arenas, Cinta Osácar, Francisco Javier Pérez-Rivarés, Joaquín Bastida, Andrés Gil, Luis F. Auqué

Sedimentology and palaeoenvironmental analysis of a karstic shallow carbonate lake (Early-Middle Miocene, Sinj Basin, Croatia)

Alan Vranjković, Elizabeth Gierlowski-Kordesch, Arjan de Leeuw, Oleg Mandić, Dunja Aljinović, Ivan Dragičević, Mathias Harzhauser, Klaudia Kuiper, Vlatko Brčić, Davor Pavelić

The Miocene lacustrine carbonate factory of the Ñirihuau Formation, Ñirihuau Basin, North Patagonian Andes, Argentina

Camila Santonja, Cecilia A. Benavente, Julieta Suriano, Arturo M. Heredia, Natalia Fortunatti, Ana L. Rainoldi, Diego A. Kietzmann, Florencia Bechis

The middle-upper Eocene Loza-Portilla Formation (Western Pyrenees, North Spain): Palustrine-lacustrine carbonate-dominated sequences in a piggy-back basin under compressional tectonic stress

Zuriñe Larena, Xabier Murelaga, Josep Sanjuan, F. Javier Ruiz, Juan I. Baceta

The regressive surface of marine erosion generated by tides: A case study from a Pleistocene tidal sand ridge sequence, Calabria, Southern Italy

Sergio G. Longhitano, Johannes M. Miocic

Carbonate-rich megabeds within a Triassic siliciclastic deep-water system, West Qinling orogenic belt, Central China: Character, processes and implications

Pan Li, Ben Kneller, Victoria Valdez Buso

Sedimentary facies assemblages of the Selendi Supradetachment Basin (Western Turkey): Implications for balancing subsidence and sedimentation in a Neogene lacustrine basin

Ayhan Ilgar, Ercan Tuncay, Alper Bozkurt, Ali Ergen, Tolga Esirtgen

Tidally influenced deposits in the Río Alías Strait connecting a marginal basin with the Mediterranean Sea (Pliocene, South-East Spain)

Fernando Sola, Ángel Puga-Bernabéu, Juan C. Braga

Role of tidal range and coastline morphology on the evolution of two macrotidal sand spits

Bernadette Tessier, Clément Poirier, Mikkel Fruergaard, Eric Chaumillon, Pierre Weill, Xavier Bertin, Dominique Mouazé

Cretaceous cyclic peritidal carbonates of the Apulia Carbonate Platform (Apulia, southern Italy) in a hierarchical sequence-stratigraphic perspective: A case study from the Murge area (the Giovinazzo sea-cliff section)

Luigi Spalluto, Marco Petruzzelli, Luisa Sabato, Marcello Tropeano

Punctuated aggradation and flow criticality in deep water channel systems

Ben Kneller, Victoria Valdez Buso

Hierarchies of stratigraphic discontinuity surfaces in siliciclastic, carbonate and mixed siliciclastic-bioclastic tidalites: Implications for fluid migration in reservoir quality assessment

Domenico Chiarella, Sergio G. Longhitano, Luigi Spalluto, Allard W. Martinius

The role of organic matter in Brazilian Pre-Salt carbonates

Ilana Lehn, Crisógono de Oliveira Vasconcelos

Comparative clumped isotope temperature relationships in freshwater carbonates

Alexandrea Arnold, John Mering, Lauren Chari, Cristian Román-Palacios, Huashu Li, Victoria Petryshyn, Bryce Mitsunaga, Ben Elliott, John Wilson, Jamie Lucarelli, Ronny Boch, Daniel Ibarra, Lin Li, Majie Fan, Darrell Kaufman, Andrew Cohen, Rob Dunbar, James Russell, Stefan Lalonde, Priyadarsi D. Roy, Martin Dietzel, Xingqi Liu, Fengming Chang, Robert A. Eagle, Aradhna Tripathi

Sedimentary factors controlling the organic matter enrichment in oil shale, Seyitömer Lacustrine Basin, Western Anatolia: New implications from organic and inorganic geochemistry

Reyhan Kara Gülbay, Merve Özyurt, Sadettin Korkmaz

Description of the Late Holocene South-east Saline Everglades, Florida palustrine depositional environment with comparisons to other Holocene environments

John F. Meeder

TDR Special Issues

The Depositional Record is currently soliciting contributions for two special issues. Please click on the links to find out more and for author guidelines.



Carbonate depositional environments: Past and future questions—A Tribute to the career of E.A. Shinn

Guest edited by Lee Kump, Miquela Ingalis and Albert Hine

Submission deadline 01 April 2025

Beyond Boundaries: Honouring the Legacy of Judith A. McKenzie in Earth Sciences

Guest edited by Daniel Ariztegui, Stefano Bernasconi, Monica Sanchez Roman and Crisogono Vasconcelos)

Submission deadline 31st March 2025



Basin Research Current Issue (January – February 2025)

Basin Research publishes original, high impact research papers on sedimentary basin systems



Kinematics of Submarine Channels in Response to Bank Failures

Massine Bouchakour, Xiaoming Zhao, Davide Gamboa, Crina Miclăuș, Adam D. McArthur, Shuchun Cao, Li Yang

Decoding Normal-Fault Controlled Trends in Stratigraphic Grain Size: Examples From the Kerinitis Gilbert-Type Delta, Greece

Nahin Rezwan, Alexander C. Whittaker, Jonah S. McLeod, Joel Hook, Sébastien Castellort, Fritz Schlunegger

Serpentinite–Sediment Associations: Provenance Controlled by Competing Extensional–Contractual Tectonic Processes During the Evolution of the Northern Apennines (Eastern Elba Island, Tuscany)

Joachim Jacobs, Sergio Rocchi, Wolfgang Bach, Matteo Masotta, Leif-Erik Rydland Pedersen

Buried Pockmarks Associated With Listric Faults of Salt Minibasins (Espírito Santo, SE Brazil): Evidence for Local Hydrocarbon Escape Since the Miocene

Qiang Zhang, Tiago M. Alves, Marco Antonio Caçador Martins-Ferreira

Formation of the Central Tibet Watershed Mountains in the Late Jurassic: Evidence From Provenance Mapping of the Source-to-Sink System in the Qiangtang Basin

Jiawei Zhang, Yalin Li, Jiarun Tu, Zhongpeng Han, Jingen Dai, Huiping Zhang, Huan Kang

Spatiotemporal Growth of Seismic-Scale Syn-Flexural Normal Faults in the German Molasse Basin

Lucas H. J. Eskens, Nevena Andrić-Tomašević, Ajay Kumar, Magdalena Scheck-Wenderoth

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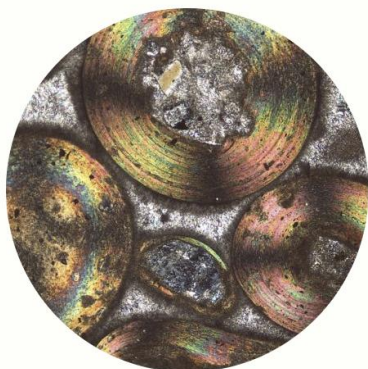
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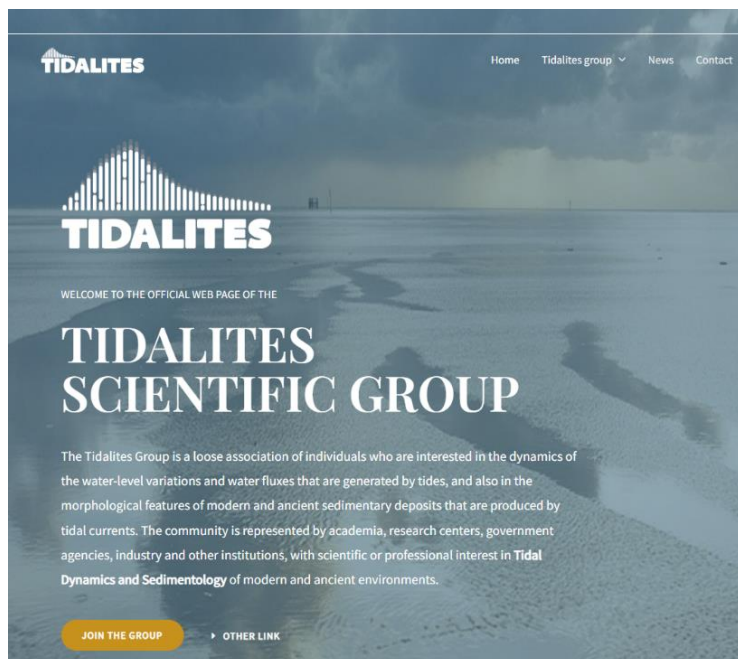
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Among the activities the Group aims to promote are the endorsement of

thematic conferences, seminars, laboratory activities, PhD opportunities and annual field courses focused on modern and ancient tidal environments, including the organization of the Tidalites congress every four years.

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VENUE: European Centre for Geological Education,
Holy Cross Mountains, Poland

MATERIALS: core logging and facies analysis of siliciclastic formations, deposited as continental / shallow marine and submarine fan deposits

LEADERS: **Szczepan Porębski, Marek Wendorff, Artur Kędzior and Piotr Dziadzio** experts with a broad experience of borehole core logging for fundamental research

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