

The Newsletter of the International Association of Sedimentologists

Issue 3, July - August 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,

Welcome to the new IAS Newsletter!

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

1. **IAS key dates**
2. **Message from the IAS Acting President**
3. **22nd International Sedimentological Congress, Wellington, Aotearoa New Zealand**
4. **Call for IAS Award Nominations**
5. **IAS Research Grant News**
6. **IAS Research Grants – Autumn 2025 Round**
7. **IAS Institutional Grant News and Autumn 2025 Round**
8. **Highly successful IAS Summer School 2025**
9. **Call for Editor-in-Chief: The Depositional Record**
10. **Report of the 38th International Meeting of Sedimentology**
11. **Beware phishing emails**
12. **IAS sponsored meetings**
13. **IAS Publications News**
14. **Website and portal update**
15. **IAS sponsored meeting report: CVS Goes to Hungary: Discovering the Fascinating Impact That Volcanoes Can Have on the Sedimentary Record**
16. **New IAS Research Grant Reports**
17. **IAS Journals – Current Contents**
18. **IAS and GSA at Connects 2025**
19. **Online Resources Supported by the IAS**

IAS members will also have received an email from me on 1st August to share the proposed composition of the new Council of Management and Council of Supervision for the 2026–2030 term that will be voted on at the 22nd International Sedimentological Congress (ISC) in January. If you did not receive the email, and are a current member, please do get in touch.

It will soon be time to book your travel for the ISC in Wellington. I hope that many of you will be able to attend what should be an excellent international conference.

We are looking for a new Editor in Chief for The Depositional Record. Please see the item in the Newsletter.

If you have any other questions or suggestions 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. We are always happy to hear from you.

Finally, looking ahead, there is a flyer for the 39th International Meeting of Sedimentology at the end of this newsletter, so do put the dates in your diary!

With best regards,

Gonzalo Veiga

IAS General Secretary

1. IAS key dates

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

22 nd International Sedimentological Congress IAS Student Travel Grant application deadline	14 September 2025
--	-------------------

22 nd International Sedimentological Congress	25 – 30 January 2026
39 th International Meeting of Sedimentology	14 – 16 June 2027

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

2. Message from the IAS Acting President



The highlight of recent months was the 38th International Meeting of Sedimentology, held in Huelva, Spain, from June 26th to 28th. The meeting was organized by a local team led by Juan A. Morales and hosted in the beautiful facilities of the University of Huelva. Following some initial logistical challenges, the event welcomed nearly 500 abstracts, presented through talks and posters across both regular and special sessions, covering a wide range of topics in sedimentology.

Several successful field trips were conducted before and after the conference. The workshops also attracted strong attendance and engagement. Early Career Researchers (ECRs) played an active role throughout the meeting. Cristina Sequeira, representing the ECR group, organized a dedicated session alongside CoM members to inform attendees about the various grants offered by the Association.

The social programme began with an icebreaker cocktail in the newly renovated City Market, located in the heart of Huelva's old town. The Gala Dinner, held on June 27th at the scenic city harbour, featured a breathtaking sunset, lively music from a local band, and plenty of dancing.

At the closing ceremony, awards were presented for outstanding student and ECR posters, and attendees received updates on upcoming events: the International Sedimentological Congress (ISC) in Wellington in January 2026, and the next International Meeting of Sedimentology (IMS), scheduled to take place in Türkiye in June 2027.

The IAS booth was a hub of activity throughout the conference, offering a valuable space for exchanging ideas—particularly concerning the ongoing structural changes within the Association and its journals. The meeting was superb, and on behalf of the IAS, I extend our sincere thanks to the organizers for creating such a memorable experience.

Finally, I encourage you to nominate colleagues for IAS Awards and to explore the many grants available for early-career researchers, PhD students, and institutions. Further details are available on our website. Your participation in the IAS Honours program helps us continue to recognize outstanding contributions to sedimentology through research and education. Please take a moment to review the pre-call for nominations featured in this Newsletter.

I look forward to seeing many of you in Wellington!

Daniel Ariztegui, IAS Acting President

3. 22nd International Sedimentological Congress, Wellington, Aotearoa New Zealand



We bring you the latest news from the Congress organisers:

We were delighted to have received 750 abstract submissions from 46 countries across a wide range of sedimentological topics. These cover all the themes outlined on the conference website, ranging from glacial, lacustrine and shallow-marine sedimentology, turbidites and contourites, carbonates and volcanoclastics, as well as diagenesis, resources and the energy transition. A draft schedule has been put together for the four days of the conference, and the detailed mix of talks and posters is being finalised now. We expect to let abstract submitters know a final decision on acceptance and presentation style on **August 22nd**.

We have **three multi day pre-conference fieldtrips, and four multi-day post conference fieldtrips**. These take a detailed look into aspects of New Zealand tectonostratigraphy, volcanology and geomorphology across both North and South Islands and the Chatham Islands. Full details of these trips are on the website.

We are also developing a series of **mid-conference short fieldtrips** for the Wednesday, which will focus on local Te Whanganui a Tara Wellington geology and cultural aspects. These will include a harbour boat trip, walking tours of the city and of local geological features. Details of these will be released shortly.

The social programme for the conference is being developed, including events for early career researchers and a gala conference dinner. We are also delighted to be developing a cultural programme in collaboration with local Kiwi, which will give attendees a great introduction to Māori culture in Aotearoa New Zealand.



Image credit: D. Strogen



Please remember to register for the Congress. The early-bird deadline and deadline for presenters is 19th September 2025.

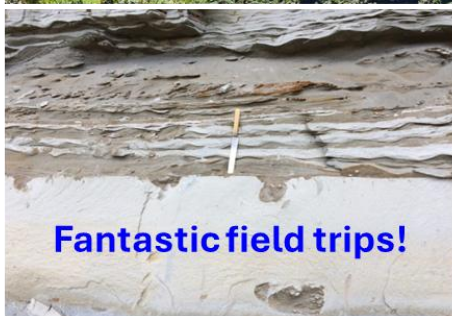
[Follow this link to see the registration rates](#), find out what is included in the fee, and to begin your registration process.

[Follow this link to learn about accommodation options](#) and discounts.

Four high-profile **keynote speakers** will take part in the Congress. [Click here to find out about Helen Bostock, Dan Hikuroa, Jamie Howarth and Kyoko Kataoka.](#)

The Congress will take place in Wellington's new convention and exhibition centre [Tākina](#) which has been built with a strong focus on reducing energy and water, sustainable materials use, and renewable energy capability.

The ISC promised to be a superb event and unrivalled opportunity to enjoy the best science, culture, food and wine, landscape, and of course to meet friends and colleagues and make new connections and collaborations. We look forward to seeing you in January!





ISC2026



**International
Sedimentological
Congress**

WELLINGTON, NEW ZEALAND
25-30 JANUARY 2026

Follow updates on the Congress website: <https://confer.co.nz/isc2026/>

4. Call for IAS Award Nominations

Deadline is midnight CET on 30 September 2025

Every two or four years the IAS honours outstanding sedimentologists at different career stages. The call is open for nominations to the forthcoming round of prestigious awards that will be bestowed at the International Sedimentological Congress in Wellington next January.

Each award has its own set of nomination guidelines. Full information can be found on the [IAS Website Awards page](#), together with lists of previous recipients.



In brief, we ask you to nominate worthy potential recipients of:

The Sorby Medal

- This is the IAS's highest award and recognition, bestowed upon eminent scientists with a career record of distinctive, ground-breaking and internationally renowned sedimentological research.

The Johannes Walther Award

- The second highest accolade of the Association is awarded to mid-career scientists who have had a significant impact in the field of sedimentology.

The Early Career Scientist Award

- This important award recognises both contribution and future potential of outstanding early career scientists working in any aspect of Sedimentology. Candidates must be within seven years of their PhD graduation date by January 2026.

The Sun Shu International Prize

- Awardees of this important prize that honours the pioneering sedimentological legacy of Prof. Sun Shu will be exceptional sedimentologists between 35 and 45 years old. A companion Sun Shu China prize will be awarded to an outstanding Chinese sedimentologist via the Chinese Association of Sedimentologists.

The closing date for award nominations is 30th September 2025 but do not delay because you will need to compile some supporting information. See the guidelines for more details.

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](#).

5. IAS Research Grant News

Many congratulations to the successful applicants of the Spring 2025 IAS Research Grant competition!

Postdoctoral Research Grants

Recipient	University	Project title
Alexander Lowe	Smithsonian Institution, USA	Building a high-resolution geochronologic framework across the Miocene Climatic Optimum onset in the Pacific Northwest (USA)
Marta Roigé	Universitat Autònoma de Barcelona, Spain	Unravelling the Cenozoic volcanic signatures in the southern Pyrenees: looking for new chrono-stratigraphic age constraints
Natalie Tanski	University of Oklahoma, USA	Luminescence sensitivity of zircons as a new tool for assessing sedimentary recycling
Natasha Wallum	University of Oxford, UK	Field calibration of the NASA EMIT satellite sensor for determining desert dust emissions from dry lake beds

Postgraduate Research Grants

Recipient	University	Project title
Maya Bradford	West Virginia University, USA	Investigating gypsum textures in the Triassic Red Peak Formation of Wyoming
Isaac Bondzie-Selby	University of Southern Mississippi, USA	An experimental study of dual clumped isotope fractionation disequilibrium in dolomite formation
Victoria Schwarz	Monash University, Australia	Investigation of the applicability of pOSL screening for the reconstruction of hydroclimate change based on shoreline dunes in sub-humid to semi-arid south-east Australia
Rossano Dalla Lana Michel	Federal University of Rio Grande do Sul, Brazil	Aeolian architecture and facies heterogeneity of the Sambaíba Formation, Brazil: assessing the potential for carbon storage
Umid Kakemem	University of Copenhagen, Denmark	Origin of hairlines structures in fine-grained carbonates
Raul Ugalde	Universidad de la República, Uruguay	Heavy minerals as a proxy for sedimentary provenance of the Cenozoic series in Meseta Cosmelli, Patagonia National Park, Aysén Region, Chile
Alexander Jones	Imperial College London, UK	Valley-confined lacustrine deposits of the northern Himalaya as terrestrial analogues for the Bright Angel formation, Mars: Implications for past hydrologic activity at Jezero crater
Xiaolin Han	University of Kansas, USA	Downstream dilution of detrital zircon U-Pb age distributions? A case study of the South Platte River

Tomás Navarro	Geological Research Centre CONICET, Argentina	Depositional architecture of the Uruguay River deposits during the Pleistocene in its lower middle basin, Entre Rios, Argentina
Bruno Gomes de Souza	Universidade Federal do Paraná, Brazil	Recognizing proglacial systems in the late Paleozoic: lessons from the Pleistocene glacial record in Northern Germany

Judith McKenzie Fieldwork Awards

Recipient	University	Project title
Bastian Cifuentes Strandberg	University of Copenhagen, Denmark	Investigating glacial influence in the Lower Devonian rocks of the Subandean Tarija Basin, Bolivia
Paxton Tomko	University of Connecticut, USA	Carbonate production in big soda lake: Uncovering the role of methanogenic archaea in microbially mediated CaCO ₃ precipitation
Mubariz Hassan	National and Kapodistrian University of Athens, Greece	Sea level cyclicity and diagenetic impact on Eocene reservoir characterization: Southwestern margin of the Indian Plate

6. IAS Research Grants – Autumn 2025 Round

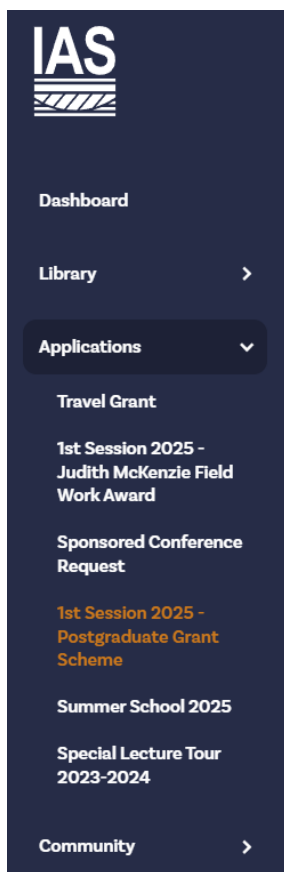
Deadline is midnight CET on 30 March 2025

Twice a year, every year, the IAS offers research grants to its eligible members – supporting the next generation of sedimentologists to achieve success and build their careers is one of the most important parts of the Association's mission. Grants fund MSc dissertation fieldwork, curiosity-driven offshoots from PhD projects, proof of concept studies to support national or international research council applications. They can be used for fieldwork, analytical costs, or visiting laboratories to use specialist equipment. 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.

Criteria vary slightly for each scheme and are laid out in the guidelines, but scientific merit is always top. To ensure that the funds go to the most deserving applicants it is also important that the proposed research could not be funded from other sources.

Grants are **personal** to the recipient and paid directly to them. They can't be used for offsetting institutional overhead costs and they can't be paid in advance.

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

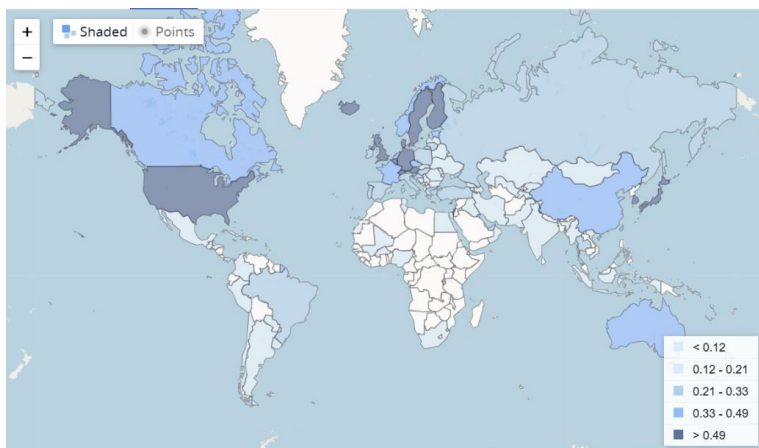


How to apply:

1. Log in to your profile on the IAS website and click the link under “**Applications**” on the left-hand side of the screen.
2. Download and read the **guidelines**.
3. Download and complete the **application form**, taking care to complete all sections and provide all the additional information required. Students need to include formal proof that they are enrolled as a student and will be for the duration of the grant. This means a formal enrolment University letter or certificate that has a clear date on it.
4. Make sure your research proposal is novel and exciting - and importantly that it is achievable!
5. Upload your completed application form with the additional documentation required in a single PDF file.

7. IAS Institutional Grant News and Autumn 2025 Round

Deadline is 30 September 2025



The IAS offers twice-yearly **International Institutional Grants** up to a transformative value of **10,000 Euro each** 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.

IAS Ordinary Members apply on behalf of their institutions and departments through their profiles on the IAS website. The application form is quite long but the information needed is routine (e.g. institute in terms mission statement, staffing, undergraduate and postgraduate courses, student numbers, facilities). Then, the key parts are a motivation for submitting the application, an itemised and justified budget with formal supplier quotations, and a management supporting statement. The motivation should show how the grant will increase the institution’s capacity to teach sedimentology at undergraduate level in a sustainable way.

Everything is laid out [in the guidelines](#). These grants are historically under-subscribed so **there is a high chance of success for well-prepared applications that meet the criteria**. If an application is approved, the IAS purchases the equipment and pays for its shipping.



We are delighted to announce that the recipients of the spring 2025 grant were **Dr Addis Hailu Endeshaw** and **Dr Haileyesus Alemu Negga**, on behalf of the **Department of Earth Sciences, Addis Ababa University, Ethiopia**. The award finances fundamental equipment for establishing a sedimentology teaching and research laboratory – sieves, ultrasonic cleaner, calcimeter and GPS-Sonar for fieldwork on Ethiopian lakes and their sediments.

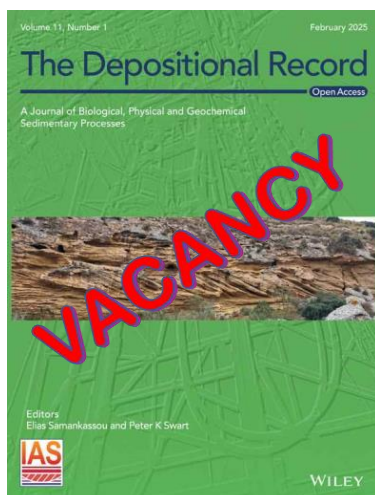
8. Highly successful IAS Summer School 2025

The 11th IAS International Summer School of Sedimentology took place in NW Wales (UK) on 04 – 12 July. An enthusiastic cohort of 20 students from 17 countries had an invigorating and enjoyable geotour through 800 million years of Earth history. Lead organiser Dr Jaco Baas report that the participants got on really well together, worked hard in the field, and generated lots of interesting ideas in evening discussions. A full report will be included in the next Newsletter and plans are in action to create an IAS Special Publication based on the Summer School itinerary and superb sedimentological outcrops. As with all IAS books, this will of course become a free-to-download resource for IAS members.



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

9. Call for Editor-in-Chief: The Depositional Record



IAS is seeking a new Editor-in-Chief for one of their international journals, [The Depositional Record](#) (TDR) to commence in or after February 2026.

The Editor-in-Chief plays a key role in shaping the journal and initiating new ways to attract high quality manuscripts distinct from the other IAS journals, *Sedimentology* and *Basin Research*. The Editor-in-Chief will be an enthusiastic person adhering to the editorial standards of TDR and to the values of IAS. The Editor-in-Chief will ideally have previous editorial experience, be active in the community and proactive in mobilising their own international network in support of the journal.

The Editor-in-Chief should have a broad knowledge of depositional environments, with a proven experience in interpretation of geochemical, geophysical, biological and palaeontological data in the sedimentary rock record. The Editor-in-Chief should link the rigorous decisions on manuscripts with a constructive and polite style to work with the authors. The person appointed will work closely with the IAS Council of Management and contribute actively to the overall mission of IAS.

The Depositional Record is a fully open access journal publishing high-quality articles that emphasize the importance of sedimentological observations in the interpretation of geochemical, geophysical, biological, palaeontological, and other data within the depositional record. While the journal covers all timescales, from Ancient to Modern Earth, we are particularly interested in the calibration of the Modern depositional records and the application of these records to ancient sequences in order to better understand the evolution of the Earth's geochemical and sedimentary cycles. In comparison to other world class journals with similar aims, *The Depositional Record* stands out for its emphasis on linking changes in sedimentary patterns to variations in the analytical data, and for combining this with a range of topics not normally considered by classic sedimentary journals. These areas include palaeoceanography, microbiology, palaeontological application of genetic information, and the evolution of the oceans and atmosphere.

Papers should not be of regional interest but rather have global implications. If a paper is submitted on a regional outcrop, this occurrence must be related to other age equivalent outcrops and the broad significance of the occurrence discussed. All relevant literature should be cited, not only the most recent and papers should be submitted formatted according to the author guidelines. Papers failing to meet these criteria will not be sent for peer review.

The Editor-in-Chief will be responsible for overseeing all editorial aspects of TDR, supported by an international team of Associate Editors. In collaboration with IAS, the Editor-in-Chief will set the strategic direction for the journal. Tasks will include:

- maintaining TDR as a leading international journal of high-quality research and content;
- overseeing and coordinating the work of the Associate Editors and Guest Editors of Special Issues in their handling of peer review, based on a rigorous and transparent mode;
- overseeing recruitment of new Associate Editors to ensure subject coverage and diversity;
- leading the editorial team through effective communications and regular meetings;
- seeking proactively the commissioning of high quality research from leading scientists, via direct contacts and attendance of international meetings;

- working with the CoM to implement IAS values, including the Code of Conduit of the association.

Interested applicants should submit a cover letter, their CV, and their vision statement for the journal to Elias Samankassou (thedeositionalrecord@sedimentologists.org) by **15 September 2025**.

You may get in contact with either of the current Editor-in-Chiefs, Prof. Elias Samankassou (Elias.Samankassou@unige.ch) and Prof. Peter K Swart (pswart@earth.miami.edu) for any further information.

10. Report of the 38th International Meeting of Sedimentology

The 38th IAS International Meeting of Sedimentology was held successfully in Huelva, Spain. The scientific program took place from 26th – 28th June, preceded by two field trips and three workshops. In addition, three more field trips were held after the main scientific program.

The pre-meeting field trips took place along the Tinto River (Huelva) and examining the Miocene of the Province of Málaga and were attended by 40 participants. The post-meeting field trips took place in the Iberian Pyrite Belt, the Huelva Coast, and the Guadix-Baza Basin (Granada); these were attended by 81 sedimentologists. The safety of the participants in these field trips was covered by insurance.

Short courses took place on 25th June and focused on mudstone facies, contourites, and subsurface techniques for the energy transition. A total of 35 participants attended these courses.

The opening ceremony was attended by local authorities including the Rector of the University of Huelva, a representative from the Huelva City Council, and a representative from the Huelva Provincial Council. These authorities welcomed the attendees and made available the services of the University and the City. The event had a notable coverage by the local press, both on television and in the written press. For example, [HuelvaInformación](#), [University of Huelva](#), [Europa Press](#), [Huelva TV](#), [Teleonuba Huelva](#).



A total of 417 participants were registered in the meeting. Scientific presentations were divided into 10 regular thematic sessions and 12 special sessions. The program included 268 oral presentations and 191 posters. However, some registered presenters were sadly unable to attend for visa or other reasons. The scientific communications were complemented by three keynote speeches given by Eduardo L. Piovano (*Ice Ages, Marine Ingressions, and Global Change: Insights from Sedimentary Records of Pampean Lakes*), Bernadette Tessier (*Amazing Tidal Rhythmites*), and Christian Betzler (*The Close Relationship Between Carbonate Platforms and Ocean Currents*). These talks were extremely well received, reflected in the high number of attendees.



Half way through the meeting, the gala dinner was held at the Huelva marina. In addition to sampling the local gastronomy, delegates enjoyed an exceptional sunset on the banks of the Odiel estuary. A musical group livened up the evening with regional songs, which attendees were able to dance along to.



The total budget for the meeting was €171,589, of which €148,197 was covered by registration fees and €23,391 was covered by sponsorship from the University of Huelva, Huelva City Council, Huelva Provincial Council, and several collaborating private companies.

A video summary of the conference can be viewed on the website <https://iasmeetinghuelva25.com/> or by clicking the image. The **final abstract volume** and **field guide** can also be downloaded from this same site and **IAS members can also download from the IAS website** where they can be found on Member dashboards under Library > Conference Materials.

We are also delighted to announce the **winners of the poster prizes**:

First place and winner of the Victoriano Pindea Poster Award: Naomi Cretton, who receives free registration to the next IMS (2027)

Highly commended: Jacopo Nesi, Nicolas Boehm, Joana Fusté Costa, Davide Bonomo, Carra Williams

11. Beware phishing emails



There has been a sad recurrence of fake emails purporting to come from IAS Council Members. Please be alert to this.

All official IAS emails will come from an address that ends in @sedimentologists.org

If you receive an email that seems to come from one of the IAS Officers but has a different style of address, please just delete it. If you are unsure, please [contact us](#).

When you do contact us, we will always try to respond quickly. However, the IAS Council of Management are all volunteers who have full time jobs so sometimes it may take a few days to get back to you, particularly at busy times of year (exams, fieldwork, etc.). Please bear with us!

12. IAS sponsored meetings



So far during 2025 the IAS has sponsored 18 sedimentology events from conferences to workshops and short courses, to the sum of €29,000. Many of these were funded through [Travel Grants](#) offered to IAS Student Members. There are no Travel Grants currently open, other than for the 22nd International Sedimentological Congress but watch the IAS website and IAS social media for news of new opportunities.

The image shows a screenshot of the IAS website's 'Sponsored Meeting Request' application form. The form is titled 'Sponsored Meeting Request' and includes a search bar at the top. It lists five steps: 1. Guidelines (Download the guidelines and carefully read the document), 2. Application Form (Download and complete application form (.docx)), 3. Save Application (Save completed application form as a PDF file (.pdf)), 4. Upload (Accept terms and conditions and upload (max 2MB)), and 5. Submit. A deadline notice states: 'Deadline end of Wednesday, December 31, 2025'. The left sidebar shows the IAS logo and navigation links for Dashboard, Library, Applications, and Community.

Any IAS member who is organising a sedimentology-themed meeting can [apply for support](#). It is expected that the event will be international in scope or at least be open to international participation. Meetings that are structured so as to facilitate student participation are especially welcome and the default method of support is through Student Travel Grants. It can sometimes be in the form of direct (logistical) sponsorship instead 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.

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). It 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.

The following forthcoming meetings are being sponsored by the IAS – click on the logo to be taken to more details and links to the meeting websites. Note in some cases registration may now be closed but contact the organisers of the meeting if you have any questions.

Understanding Carbonate Processes, Deposition and Preservation (SEPM Carbonate Group)

24 - 25 August 2025, George R. Brown Convention Centre, Houston, USA



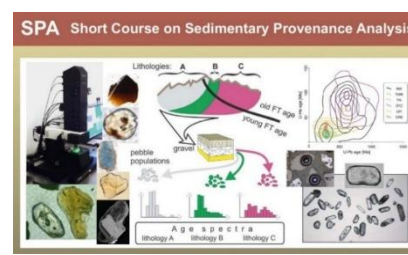
Cyclostratigraphy Field Training School

07 - 14 September 2025, Osservatorio Geologico di Coldigioco, Italy



Sedimentary Provenance Analysis – SPA Short Course

08 - 12 September 2025, Geoscience Centre Göttingen, Germany



Palaeoseagrass: Sedimentary Processes and Microfacies Short Course

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



Tidalites 2025 - 11th Congress on Tidal Dynamics and Sedimentology

09 - 11 September 2025, University of Liverpool, UK



19th Argentinian Meeting of Sedimentology
“Sedimentology in the Age of Data Science”

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



Turkish Sedimentology Working Group Workshop

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



COLOS Core Logging School

14 - 18 September 2025, Holy Cross Mountains, Poland



MFed 2025: Microbialites – Formation, Evolution, Diagenesis

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



3rd International Paleolimnology and Limnogeology Symposium (IAL-IAP Joint Meeting)

06 - 10 October 2025, Aix-les-Bains Congress Centre, France



S4 Summer School on Speleothem Science

20 - 26 October 2025, Agadir, Morocco



Land-to-Sea Shaking Studies (L2S3) Magellan+ Workshop

21 - 24 October 2025, National Taiwan University, Taipei

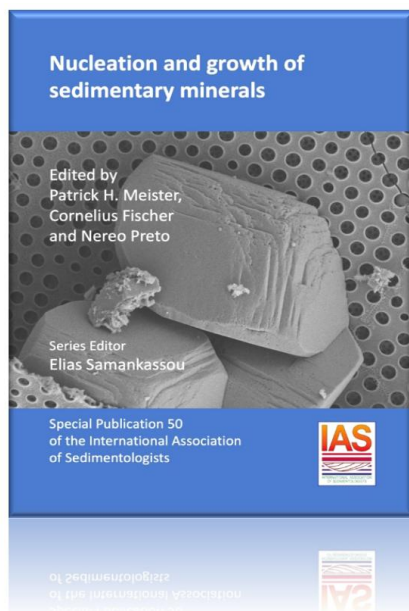


Second Advanced Course on Deepwater Sedimentary Systems

01 - 07 December 2025, Royal Appollonia Hotel, Limassol, Cyprus



13. IAS Publications News



COMING SOON! IAS Special Publication 50

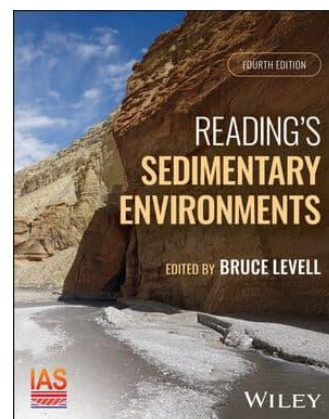
24 chapters on:

*Theoretical Concepts,
Controls of Crystal Growth Fabrics,
Minerals as Palaeoenvironmental Archives,
Mineral Formation and Alteration in Diagenetic Systems*

**Entire volume will be completely FREE
to download for IAS members**

***Look for further announcements on the IAS
website and in the Newsletter***

The IAS is also pleased to draw attention to the new edition of Reading's Sedimentary Environments. This IAS supported production of this new edition of the classic sedimentology text book and is pleased to endorse it. It is not an IAS publication, so we regret that we can not offer member discounts, but it can now be pre-ordered through Wiley [[LINK](#)].

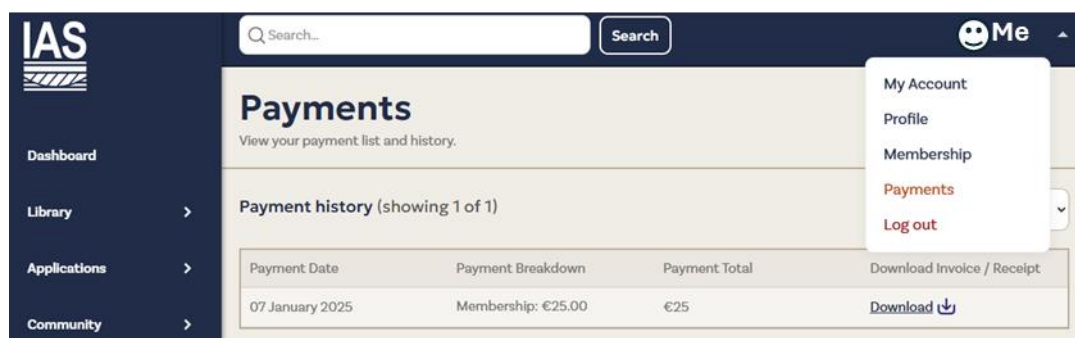


IAS extends its warm congratulations to Dr Ziqiang Zhou whose paper "[Unravelling tectonic and lithological effects on transient landscapes in the Gulf of Corinth, Greece](#)" was selected to receive the **Basin Research** Early Career Award.

14. Website and portal update

In the February newsletter we provided a detailed account of the new IAS website and membership portal. Since then, we have been working with the website designers to iron out any teething troubles and are pleased to report that it seems to be working well. There is still content development work ongoing, and we aim to eventually make the newsletter more closely integrated with it. If you still have any problems with the portal (logging in, accessing your member benefits) please don't hesitate to let us know through the [contact form](#).

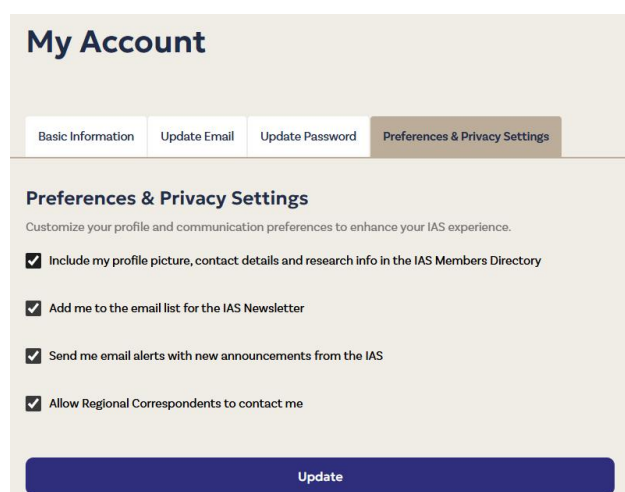
Please be aware that members can now download receipts for their 2025 membership payments. Just log in to your dashboard and look under Payments on the top-right drop down menu.



We would still like some exciting sedimentological photos to use for publicity, and we will always credit them where possible. Fieldwork action shots are great.

We try to keep the website updated as much as possible, but if you think something is missing or very much out of date [please let us know](#).

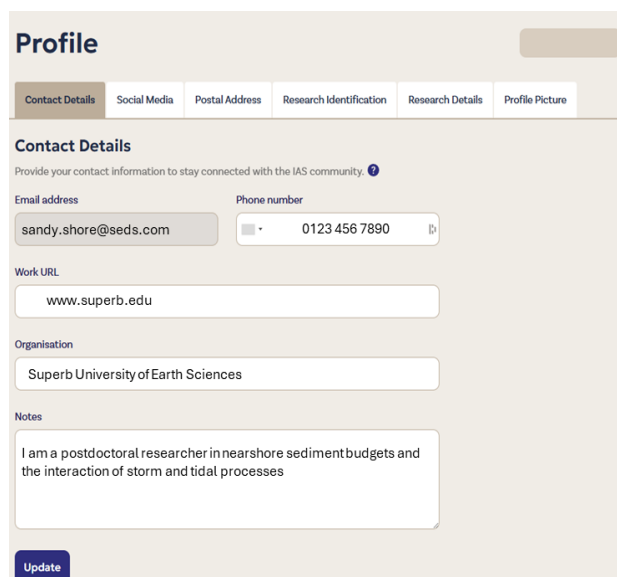
The current development work on the “back end” of the website – portal is focused on upgrading our membership database to make it more granular and searchable. This will make it easier for us to manage different membership types and mailing lists, extract key data, and begin populating historical membership information from the previous version. This is a big job, but it will not significantly impact what members see on the “front end”.



We encourage all our members to make sure their **preferences and privacy settings** are correct and review their **member profile**.

There is no compulsion to fill in all of the **profile**, it is entirely your choice. However, since your registered login email address is **never** shared by the IAS, it is recommended to include one here if you wish to be contactable by other members. You can choose to either use the same or an alternative address and you can also provide multiple addresses.

We also recommend adding your research interests in the Research Identification (e.g. ORCID, Google Scholar, Research Gate) and Research Details tabs. On the latter you can select multiple field of interest or expertise and also provide a short description. It is nice to have a profile picture too, but it is not compulsory.



15. IAS sponsored meeting report: CVS Goes to Hungary: Discovering the Fascinating Impact That Volcanoes Can Have on the Sedimentary Record

Hungary hosted the first international field workshop dedicated to volcanogenic sedimentation, organized by the IAVCEI Commission on Volcanogenic Sediments and officially sponsored by both IAVCEI and IAS. The event was held in collaboration with the MTA–HUN-REN CSFK Lendület "Momentum" Pannonian Volcano Research Group of the Institute for Geological and Geochemical Research (HUN-REN Research Centre for Astronomy and Earth Sciences), Eötvös University (Hungary), DiBEST of Unical and CNR–IGAG (Italy), the University of Hull (UK), and Massey University (New Zealand). The field trip, led by Andrea Di Capua, Federica Barilaro, Orsolya Sztanó, Péter Gál, Szabolcs Harangi, and Réka Lukács, took place from 07 – 12 April 2025. Over the course of the week, 12 participants, among PhD students, Early and middle-career Researchers, from across the globe, from Europe to South America, from Asia to Africa, explored the influence that volcanism has on the sedimentary record in both terrestrial and submarine settings.



Clockwise from top left: First day seminars; Fulek Castle; Paris-Patak; Samsonháza. Centre: Ipolytarnóc Geopark.

Image credits: Andrea Di Capua

The Pannonian Basin in Hungary provides an exceptional natural laboratory in this sense, with extensive volcanogenic successions interbedded with clastic and carbonate sediments—depositional patterns largely governed by the interplay of sea-level fluctuations and tectonic activity, particularly during the Miocene. The program began with a morning session introducing the

geodynamics and stratigraphy of the Pannonian Basin, along with the nomenclature of volcanoclastic deposits. Fieldwork commenced at the iconic site of Sámsonháza, where Miocene submarine volcanogenic deposits are interlayered with limestone and intruded by sills. On the second day, the group examined basaltic monogenetic volcanic features in Tajti and Füleke (Slovakia, near the Hungarian border), followed by a brief historical tour of Füleke Castle and a tasting of the traditional Hungarian dish lángos. The day concluded with a visit to Páris-patak (Hungary), where Miocene fluvial sedimentation was strongly influenced by nearby coeval andesitic volcanism. From the third day onward, andesitic and rhyolitic volcanism became the focus. At Ipolytarnóc Geopark, participants observed the dramatic impact of the accumulation of a pyroclastic density current (named Eger Ignimbrite) on a fossil-rich pluvial forest. The group then explored the Csevice Creek section at Tar (Mátra Mountains), where a submarine andesitic volcanogenic apron prograded over the ~100 m-thick Demjén Ignimbrite. The fourth day was dedicated to tracing facies variations and welding degrees of this latter ignimbrite along a 60 km transect from the Mátra in Tar to the Bükk Mountains in Demjén, passing through the medieval castle of Sirok. That evening, the group stayed in Egerszalók, where they were introduced to the fascinating processes of travertine geobody accumulation and enjoyed the local thermal baths. On the final day, participants examined a volcano-sedimentary succession comprising the Eger and Mangó Ignimbrites and the overlying secondary volcanoclastic deposits at three different sites. One of the highlights was the historic cave-dwelling village of Egerszalók, entirely carved into the PDC deposits.

For the first time, this workshop offered a unique opportunity to bring together geologists from diverse backgrounds within the field of volcanogenic sedimentation. This diversity fostered constructive discussions and the exchange of perspectives on how to study these complex successions. The success of this inaugural edition lays a strong foundation for future field-based initiatives led by the Commission on Volcanogenic Sediments. Alongside the Commission's regular thematic webinars, these initiatives aim to advance our understanding of the intricate interactions between volcanism and sedimentation across a variety of geodynamic settings. Stay tuned!

On behalf of the Organizers

Andrea Di Capua – leader of the Commission on Volcanogenic Sediments

16. New IAS Research Grant Reports

The following Postdoctoral and Postgraduate Research Grant reports have been received by the IAS Office since the last Newsletter. IAS Members can view these by following the links.

Remember all Postgraduate and Postdoctoral Research Grant reports can be read by IAS Members free of charge from their [Member dashboard](#) by following the links: Library > Contributed Content - Reports.

Applying for IAS research grants is easy and success rates are high compared to many other sources of funding – see [item 6](#) in this newsletter for more details.

New Postdoctoral Grant Reports

Microbial activity in modern and ancient tidal flats and creeks - Rodriguez Maximiliano Nicolás
[\[LINK\]](#)

Fluvial influence on a storm-dominated shoreface: facies, ichnofacies and geochemical proxies – Maria Duperron [[LINK](#)]



Image credit: Maria Duperron

New Postgraduate Grant Reports

Field-based correlation and quantitative dating of Upper Pleistocene-Holocene shallow-marine and fluvial terrace deposits in the Polis and Paphos regions (W Cyprus): Preliminary results – Christina Antoniou [[LINK](#)]

Outsized sandy sediment gravity flow deposits in the distal Bengal Fan: facies analysis and triggering mechanisms investigation – Zijie Gao [[LINK](#)]

Spherulites in hydrocarbon seeps ('SPHYSE') - Stefano Giunti [[LINK](#)]



Image credit: Stefano Giunti

Paleoenvironmental significance of phosphates and black shales: A comprehensive study in the Vaca Muerta–Quintuco System, Neuquén Basin, Argentina – Juan Ignacio Musacchio [[LINK](#)]

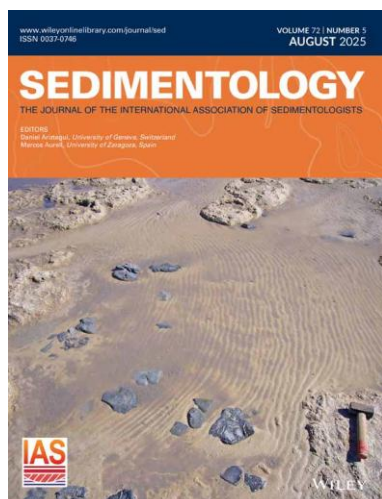
17. IAS Journals – Current Contents

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

Sedimentology Current Issue (August 2025)

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

Journal Impact Factor is 2.8.



Sedimentary response to glacial-interglacial cycles in an alluvial fan at the marginal East Asian monsoon zone, northern China

Shuangqi Feng, Chengpeng Tan, Piret Plink-Björklund, Xin Shan, Shunli Li, Shengli Li, Xinghe Yu, Liang Chen, Hancheng Ji

Holocene sea-level changes and the influence of storms on beach ridge formation in the Lower Gulf of Thailand

Smith Leknettip, Sakonvan Chawchai, Raphael Bissen, Nathalie Dubois, Alexander Fülling, Frank Preusser

Australian continental-scale heavy mineral patterns track climate, weathering and erosion

Maximilian Dröllner, Milo Barham, Christopher L. Kirkland, Andreas Zametzer, Maike Schulz

Palaeopedogenesis and weathering in overbank sediments of the Siwalik Group: Link to Himalayan uplift and climate change during late Miocene

Abdul Hameed, Pankaj Srivastava

From concave-up to concave-down: river profile transitions driven by lowland avulsions in the Río Colorado terminus system, Bolivia

Jianguang Li, Wonsuck Kim, Hucheng Tan, Hyojae Lee, Youwei Wang, Alhassan Jeremiah

Formation of Mg-silicates in the microbial sediments of a saline, mildly alkaline coastal lake (Lake Clifton, Australia): Environmental versus microbiological drivers

Ramon Mercedes-Martín, Mónica Sánchez-Román, Carlos Ayora, Mike Rogerson, Camille Thomas, Rob Van Spanning, Alex Brasier, David Wacey, John J. G. Reijmer

Sedimentary evolution of debris avalanche deposits of the Lower Cretaceous Xiguayuan Formation, Luanping Basin, North China

Cheng Wang, Zaixing Jiang, Xiangxin Kong, Thomas J. H. Dodd, Jiayi Meng, Huanyu Xie, Xiaodong Yuan, Xiaoning Liu, Yuanfu Zhang

Biogeochemical characterization of micritized carbonate grains in the shallow-marine Al-Kharrar Lagoon (Red Sea, Saudi Arabia)

Camila Areias, Elisa Garuglieri, Thomas Teillet, Viswasanthi Chandra, Ramona Marasco, Volker Vahrenkamp, Daniele Daffonchio, John J. G. Reijmer, Mónica Sánchez-Román

Development and factors controlling tropical carbonate barrier island systems—Bar Al Hikman; mid-late Holocene, Oman

Thomas Teillet, Peter Homewood, Monique Mettraux, Perrine Bois, Daniele Melini, Giorgio Spada, Alexander Petrovic, Pankaj Khanna, Volker Vahrenkamp

Commentary on 'A typical point bar with atypical strata in the McMurray Formation, Alberta, Canada: Floods, tides and high suspended sediment concentrations', *Sedimentology*, 71, 1922–1952.

Paul L. Broughton

Reply to commentary on 'A typical point bar with atypical strata in the McMurray Formation, Alberta, Canada: Floods, tides and high suspended sediment', *Sedimentology*, 71, 1922–1952.

Milovan Fustic, Piret Plink-Bjorklund, Alina Shchepetkina, Amir Umralin, Rudy Strobl

The Depositional Record Current Issue (June 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.

Journal Impact Factor is 2.0



Two types of modern sediment dispersal systems in the western Taiwan foreland basin: Sediment transfer from basin to basin

Cheng-Shing Chiang, Kan-Hsi Hsiung, Ho-Shing Yu

Discovery of Late Holocene-aged *Acropora palmata* reefs in Dry Tortugas National Park, Florida, USA: The past as a key to the future?

Anastasios Stathakopoulos, Lauren T. Toth, Alexander B. Modys, Selena A. Johnson, Ilse B. Kuffner

The role of refluxing deep hypersaline brines and evaporite precipitation dynamics in the Castile Formation and marginal carbonate strata (Delaware Basin, USA)

Ander Martinez-Doñate, Lorena Moscardelli, Lucy Tingwei Ko, Leandro Melani, C. Nur Schuba, Priyanka Periwal, Shuvajit Bhattacharya

Lacustrine and fan-delta sediments in syn-rift lake basins

Qianyou Wang, Yaohua Li, Hamed Sanei, Joe Gardner, Arka Rudra, James E. P. Utley, Richard H. Worden

Shifting baselines of coral-reef species composition from the Late Pleistocene to the present in the Florida Keys

Lauren T. Toth, Anastasios Stathakopoulos, Scarlett Hsia, David Weinstein

Geochemical evaluation of black limestones in the Early Cretaceous platform carbonates of Gümüşhane (NE Turkey): An insight into petroleum source rock potential and palaeoenvironment conditions

Çiğdem Saydam Eker, Uğur Volkan Arı, Selçuk Alemdağ



Nature, origin and significance of a clayey cave deposit: Relationship between karst and Oligocene/Miocene tephra (NW Dinarides)

Nadja Zupan Hajna, Pavel Bosák, Andrej Mihevc, Michał Banaś, Jiří Filip, Lukáš Krmíček, Lenka Lisá, Šárka Matoušková, Jan Rohovec, Roman Skála, Jiří Sláma, Martin Šťastný, Jaromír Ulrych

The first 25 years of satellite carbonate sedimentology: What have we learned?

James G. Acker, R. Jude Wilber

Commentary on 'Early diagenetic evolution based on petrography and stable isotope analysis in the Barra Velha formation of the Brazilian Pre-Salt', The Depositional Record, 11, 70-94.

André L. S. Pestilho, R. Agustin Mors

Reply to commentary on 'Early diagenetic evolution based on petrography and stable isotope analysis in the Barra Velha Formation of the Brazilian Pre-salt'. The Depositional Record, 11, 70-94.

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

TDR Special Issues

Are you interested in proposing a special thematic issue of The Depositional Record? See here for details of recent Special Issues. If you have an idea that you would like to explore, please [contact the chief editor](#) and begin a discussion.

Basin Research Current Issue (July - August 2025)

[Basin Research](#) publishes original, high impact research papers on sedimentary basin systems

Journal Impact Factor is 2.6



Depositional Ages, Sequence Stratigraphy and Transition Process of Forearc Setting from Paleogene Restricted Bay/Estuarine to Neogene Open-Marine Deltaic/Slope Systems in the Sanriku-Oki Forearc Basin, Northeast Japan

Osamu Takano, Takashi Tsuji, Yasuhiro Yamada, Akira Ijiri, Tsuyoshi Ishikawa, Masafumi Murayama, Yasuo Kondo, Fumio Inagaki

Stratigraphic Influence on Emplacement and 3-Dimensional Structure of a Large Mafic Sill in Sedimentary Strata

Olivier Galland, Anna M. R. Sartell, Rafael Kenji Horota, Hans Jørgen Kjøl, Jonathan J. S. Runge, Ivar Midtkandal, Kim Senger

Stepwise Decay of Rift Propagation in the Porcupine Basin, Offshore West of Ireland

Cédric Bulois, Nicolas Chamot-Rooke, Manuel Pubellier, Louise Watremez, Matthias Delescluse, Laetitia Le Pourhiet, Jacques Deverchere, Frank Zwaan

Impacts of Pre-Existing Structural Fabrics on Fault Growth and Evolution During Multi-Phase Rifting: Case Study from the Central Browse Basin, North West Shelf of Australia

Kosuke Tsutsui, Simon Holford, Nick Schofield, Mark Bunch, Ken McClay, Rosalind King

Deep Basin Overpressure Resulting from Fluid Migration and Hydraulic Head in the Uinta Basin: Insights from Beef Calcite in the Green River Formation

Alex M. Washburn, Paul J. Sylvester, Kathryn E. Snell

The Triassic Rift Event in the Northern North Sea, a New Tectonic Model for the Utsira High Area

Riccardo Sordi, Adrian Hartley, Spyridon Saltapidas, Douglas Watson

The Top Taper Interface: A Fundamental Component of Rifted Margin Tectono-Stratigraphy with a North Atlantic Case Study

Duncan Erratt, Pauline Chenin, Gianreto Manatschal, Garry D. Karner

Identifying the Initiation and Tectono-Geomorphic Evolution of the Pamir-Southwestern Tian Shan Intracontinental Convergent Zone: A Case Study of Late Cenozoic Stratigraphic and Source-to-Sink Analyses of the Qiate Section

Kaixuan An, Xiubin Lin, Jialun Huang, Shaomei Yang, Hanlin Chen, Xiaogan Cheng, Ziyi Wang

18. IAS and GSA at Connects 2025



Following establishment of a Memorandum of Understanding between IAS and GSA (Geological Society of America) IAS is pleased to endorse three sessions at the GSA Connects Annual Meeting 2025 in San Antonio, 19 – 22 October:

T11. Joint SGD-SEPM-IAS Focus on Sedimentary Geology and Energy Transitions, chaired by Jean Hsieh, Andrew Leier, Amy L. Weislogel.

T59. Joint SGD-SEPM-IAS Focus on Sedimentologic and Societal Consequences of Extreme Weather Events, chaired by Bosiljka Glumac, Michael Savarese.

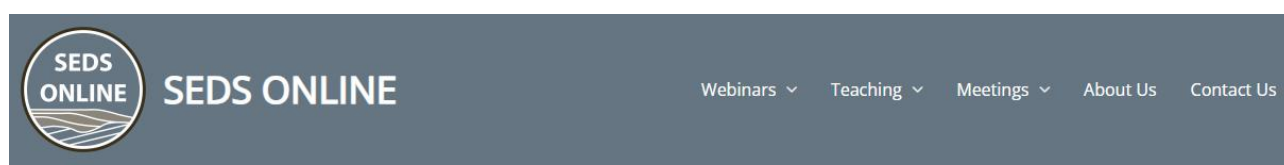
T142. Joint SGD-SEPM-IAS Focus on the Sedimentary Record of Climate Change, chaired by Joanna Pszonka, Elias Samankassou, Lauren Birgenheier.

The GSA Connects website can be reached [at this link](#).

19. Online Resources Supported by the IAS



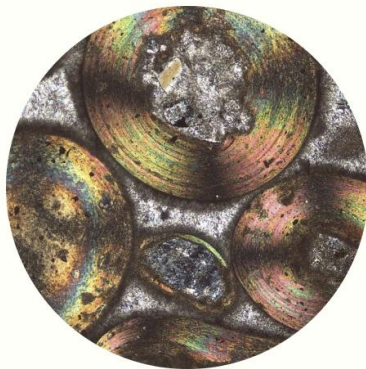
Antarctic Glaciers is a fabulous resource for anyone interested in global glacial processes, landforms, and sedimentology – despite the name, this site extends way beyond Antarctica. It includes a wealth of educational resources, information on climate change and sea level rise, Antarctic data sets, a blog and opportunities to “ask a scientist” about anything to do with Antarctica and glacial systems. See <https://www.antarcticglaciers.org/>



Seds Online is a free-to-access resource that provides an interactive, adaptable, and accessible online platform for anyone with an interest in the field of sedimentology. It welcomes members at any career stage, from both industry and academia and won the Geological Society of London R.H. Worth Award for 2023. It offers:

- Free monthly webinars on the latest sedimentology research (many of which are archived and available for viewing in a [video library](#))
- Opportunities for research students to present their work in a friendly and enthusiastic forum.
- Teaching resources and virtual conferences

Find out more at <https://sedsonline.com>, or on X at [@Seds_Online](#)



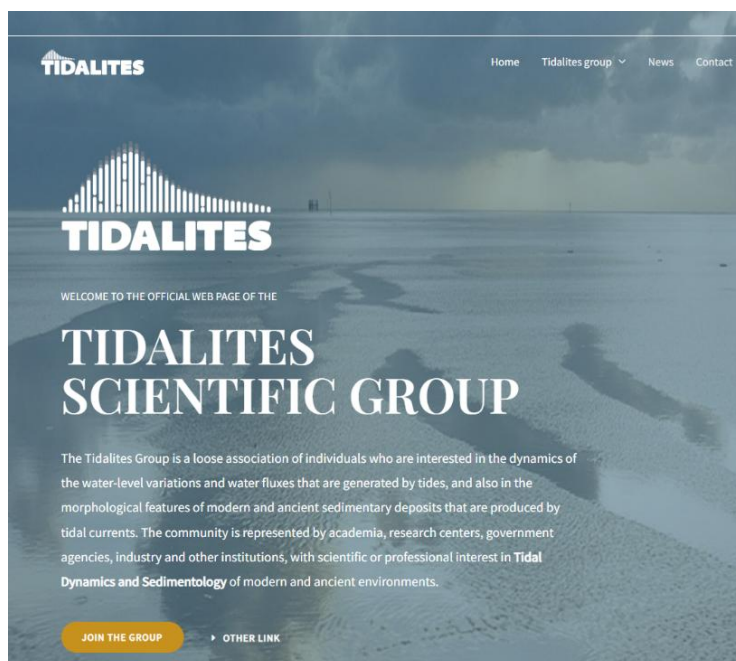
Carbonateworld A Web Tutorial for the Petrographic Analysis of Carbonate Rocks

START EXPLORING



Carbonateworld is an online atlas with more than 800 images covering an extensive spectrum of carbonate textures, grain types, diagenetic features, depositional environments, and case studies.

The images are organised in categories and subcategories (e.g., carbonate rock classification, skeletal grains, ooids, corals, burial diagenesis etc.) and frequently updated with new material. See <https://carbonateworld.com/>



The **Tidalites Scientific Group** is a loose association of individuals who are specifically interested in the dynamics of the water-level variations and water fluxes that are generated by tides, and also in the morphological features of modern and ancient sedimentary deposits that are produced by tidal currents. The community is represented by academia, research centres, industry, government agencies, and any other institutions with scientific or professional interest in the Tidal Dynamics and Sedimentology of modern and ancient environments.

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.

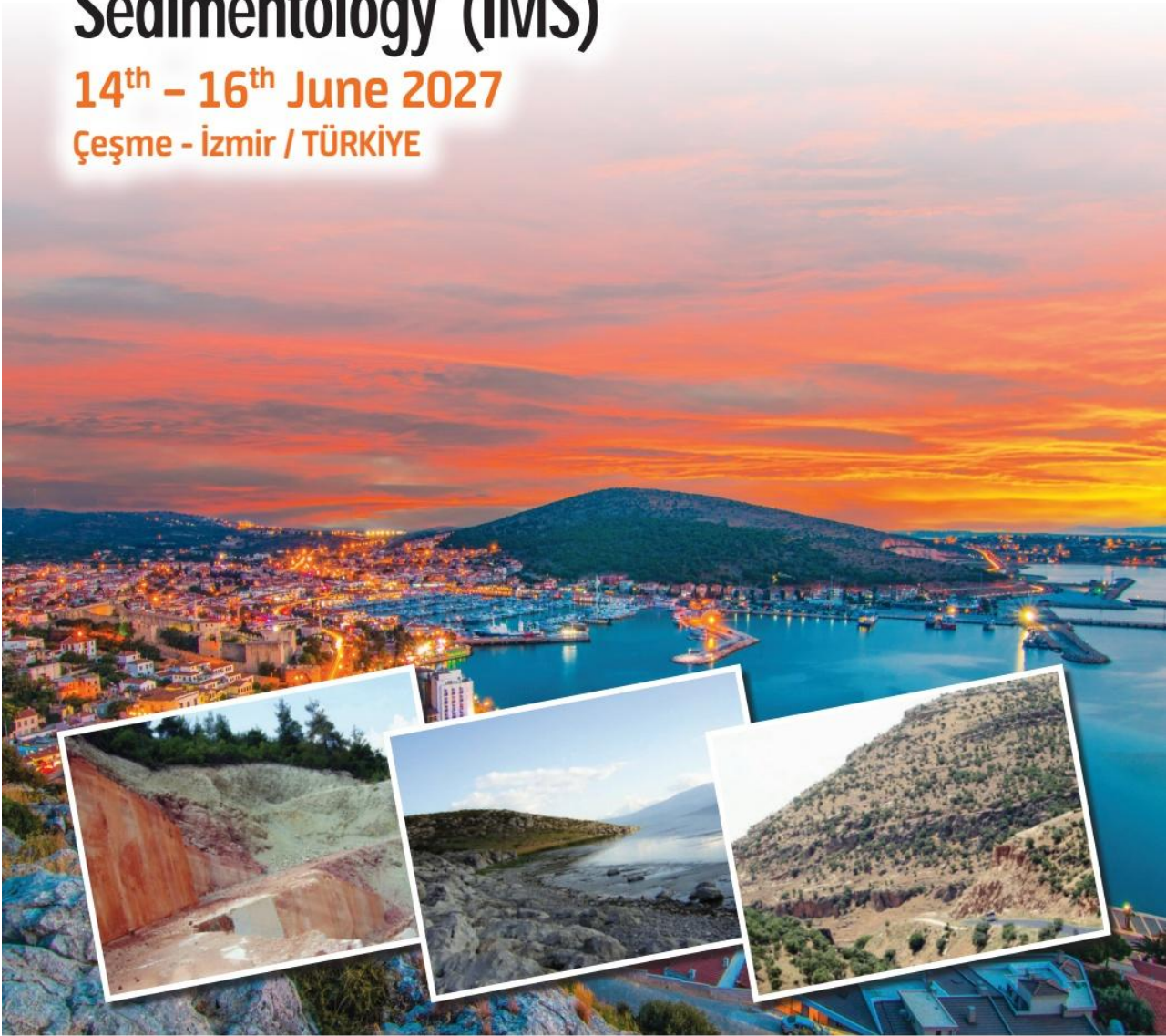
The IAS supports the Tidalites initiative by promoting its activities and welcoming proposals for publications arising from its events. Joining the Tidalites community is free – please follow [this link](#) to subscribe.



39th International Meeting of Sedimentology (IMS)

14th – 16th June 2027

Çeşme - İzmir / TÜRKİYE



Contact: secretariat@ias2027izmir.org

www.ias2027izmir.org