

# The Newsletter of the International Association of Sedimentologists

Issue 4, 2019



Dear Member of the IAS,

Welcome to issue 4 of the IAS Newsletter. In this issue we have our first report from the IAS Lecture Tour, announce new sponsored meetings to which IAS Student members can apply for travel grants and open the call for our next round of postgraduate, postdoc and institutional grants. Basically, it's benefits, benefits, benefits!

In this issue of the Newsletter of the IAS...

- IAS Members save up to €100 on Registration for the 34<sup>th</sup> IMS in Rome
- Call for EGU SSP Outstanding Early Career Scientist Award 2020
- Reminder - a new Special Issue of the Depositional Record
- IAS Special Lecture Tour Report – Hannover
- Call for IAS National Correspondents
- Announcing Geological Video Contest - 2019 edition
- New Grant Reports on the IAS web site
- First call for applications for IAS Post-Doctoral Research Grants (Autumn 2019 Session)
- First call for applications for Post-Graduate Research Grants (Autumn 2019 Session)
- First call for applications for Institutional Grants (Autumn 2019 Session)
- Travel grants for 8 Meetings and workshops are currently available to IAS Student Members!
- Meetings with IAS support
- Call for manuscripts for the IAS Open Access Journal "The Depositional Record"
- News from our journals
- IAS on Facebook and Twitter
- Job adverts

On behalf of the IAS Bureau,

Stephen Lokier  
*General Secretary*

## IAS Members save up to €100 on Registration fees for the 34<sup>th</sup> IAS International Meeting of Sedimentology

### Early Bird Registration Closes on 30<sup>th</sup> May 2019!

Don't miss out to register at the Early Bird discounted rate! Register before the 30<sup>th</sup> May to save between €50 - €100!



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

## EGU SSP Call for Outstanding Early Career Scientist Award 2020

The SSP Division (Stratigraphy, Sedimentology and Paleontology) of EGU is currently inviting nominations for the Outstanding Early Career Scientist Award for 2020.



All EGU members can submit a nomination. If you are an EGU member, please use the members' awards and medals [nomination form](#) to propose a candidate.

Please read the [guidelines](#) carefully before submitting a nomination, and consider – in addition to scientific quality and merit– also gender, geographical and cultural balance when nominating. Also, please double-check if your nominee fits the EGU definition of an [early career scientist](#). Nominations can be made in any of the sub-disciplines covered by the SSP Division (i.e. stratigraphy, sedimentology or palaeontology). The deadline for submissions is 15<sup>th</sup> June 2019.

## Carbonate mound development on a changing planet - Special Issue of the Depositional Record

This special issue of the Depositional Record aims to bring together new breakthroughs in the study of the global carbonate mound factory through space and time. Carbonate mounds are important archives of 'Life' in a wide variety of settings, from cool-water to warm-water, shallow to deep and even extreme environments. They are key-players in the coupled bio-geosphere and form an important piece of the puzzle when studying the global carbonate factory. Nearly 25 years after the publication of the first volume dedicated to carbonate mud-mounds - the IAS Special Publication 'Carbonate Mud-Mounds: Their Origin and Evolution' (Monty et al., 1995) – this special issue would like to highlight the new challenges in carbonate mound research with a look to the future and a wink at the past. New insights on the processes, mechanisms and patterns in mound development will be discussed through different papers with a special focus on the following themes:



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- Cold-water carbonate mounds: from Abyss to Arctic
- New proxies in carbonate mound research
- Microbial carbonate mounds
- Diagenesis in carbonate mounds
- Carbonate mounds as world heritage record

For more information contact the Editors of this special issue: [Elias Samankassou](#), [Anneleen Foubert](#), [Andres Rüggeberg](#)

*Peter Swart, Editor in Chief*

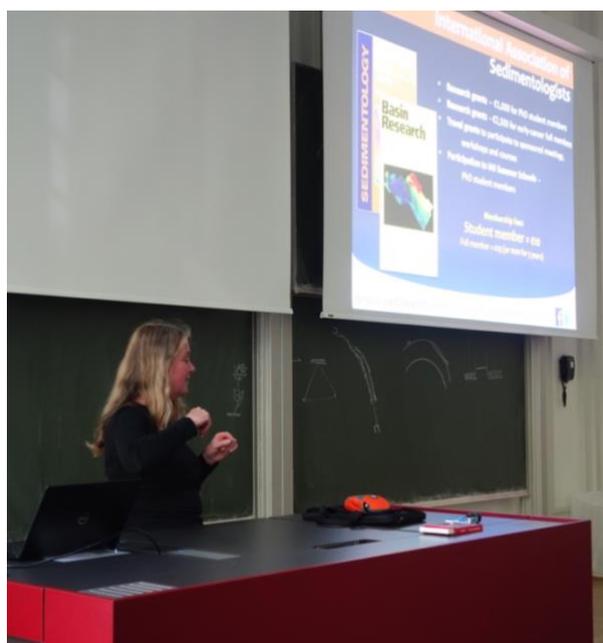
## **IAS Special Lecture Tour Report – Rachel Wood presents at the Institute for Geology of the Leibniz University, Hannover, Germany**

On Thursday, April 18<sup>th</sup> 2019 the Institute for Geology of the Leibniz University, Hannover, Germany welcomed Prof. Rachel Wood for a colloquium talk given within the framework of the IAS Special Lecture Tour. The audience, essentially made-up of graduate and undergraduate students as well as staff scientists of the different geoscience institutes at Hannover, listened to an enthusiastic and very informative talk by Prof. Wood dealing with the dawn of biocalcification at the Ediacarian-Cambrian transition.

Prof. Wood presented scientific results based on extensive field work in Namibia and Siberia collected during the last couple of years, which deliver a revised view on the timing, causes and consequences of evolution of multicellular life at the onset of the Phanerozoic. Her research nicely illustrates the prosperity of a combined approach integrating observations from sedimentological field work with geochemical data, all carried out within an international collaborative framework.

The great presentation given by Prof. Wood and the support of her lecture tour by the IAS is very much appreciated by the students and by her academic colleagues from Hannover.

*Ulrich Heimhofer*



## Get involved – Apply to become an IAS National Correspondent

IAS **National Correspondents** are IAS Members who have volunteered to act as a representative between sedimentologists in their host country and the IAS.

If you know of any sedimentology events going on in your country, then please get in touch with your National Correspondent and let them know. Similarly, if your country lacks a National Correspondent and you would like to propose an IAS Member (Full or Student), or yourself, for this position then please send an email to the **General Secretary**.

 <p><b>DMITRIY GRAZHDANKIN</b> National correspondent for  RUSSIA</p> <p>📌 Pin as main correspondent</p> <p>⋯ News and information from this correspondent</p> <p>✉ Send Dmitriy Grazhdankin a message</p>	 <p><b>DOMINIK HENNHOEFER</b> National correspondent for  UNITED ARAB EMIRATES</p> <p>📌 Pin as main correspondent</p> <p>⋯ News and information from this correspondent</p> <p>✉ Send Dominik Hennhoefer a message</p>
 <p><b>GAIL ASHLEY</b> National correspondent for  UNITED STATES</p> <p>📌 Pin as main correspondent</p> <p>⋯ News and information from this correspondent</p> <p>✉ Send Gail Ashley a message</p>	 <p><b>ROHIT KUMAR</b> National correspondent for  INDIA</p> <p>📌 Pin as main correspondent</p> <p>⋯ News and information from this correspondent</p> <p>✉ Send Rohit Kumar a message</p>

## Announcing Geological Video Contest - 2019 edition!

A joint initiative of the Italian Geological Society, the Italian Society of Mineralogy and Petrology, and the Italian Paleontological Society. On The Rocks is the first video contest entirely dedicated to tell Geology in 180 seconds.

This year there is a new category "Rocks and Food" and the new "Bloopers" prize!

Get in the game with On the Rocks! Find out how [on the website](#).



## New Grant Reports are now available on the IAS web site

<p><b>AH</b></p> <p><b>ALISON HENDRY</b> From Fluvial to Fjord Floor: Factors controlling the abundance and distribution of biofilms and associated clay coats: a case study across Bute Inlet, SW Canada</p> <p>📄 Download report</p>	<p><b>CS</b></p> <p><b>CRISTINA SEQUERO</b> Facies heterogeneity and sedimentary architecture of a latest Kimmeridgian shallow carbonate ramp at reservoir scale (Higueruelas Fm, NE Spain)</p> <p>📄 Download report</p>
<p><b>DS</b></p> <p><b>DESSY SAPARDINA</b> Are erosional features due to channelization and Froude supercritical flow common in basin floor fans?</p> <p>📄 Download report</p>	<p> <b>TOBIAS SCHWESTERMANN</b> Temperature-fractionated <sup>14</sup>C analysis of bulk organic matter from selected samples of the deep-sea Japan Trench and Slope by using Ramped Pyrolysis/Oxidation (RPO)</p> <p>📄 Download report</p>

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

## **FIRST CALL for applications for IAS Post-Doctoral Research Grants (Autumn 2019 Session)**

**IAS Post-Doctoral Research Grants** are intended as a seed to assist Early-Career post-doctoral researchers in either establishing a proof of concept, in order to support applications to national research funding bodies, or to fund areas of a project that were not included in the original project scope.

Up to 4 grants, each to a maximum of €2,500, are awarded twice per year to Early Career IAS members.

The application requires submission of a research proposal with budget and CV (template provided on the [submission webpage](#)), and a letter of support from the researcher's supervisor, line manager or Head of School. More details about the application procedure can be found [here](#). Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

Eligibility:

- Applicants must be full members of the IAS.
- Applicants must have secured their Ph.D. within the previous 7 years.
- Applicants can only benefit from a Post-Doctoral grant on one occasion.

## **FIRST CALL for applications for Post-Graduate Research Grants (Autumn 2019 Session)**

Up to **10 research grants**, each to a maximum of €1,000, are awarded twice a year to **IAS Post-Graduate Student Members**. This grant scheme is designed to support PhD students in their studies and research. Post-Graduate Research Grants can be used to (co-)finance fieldwork, acquisition and analysis of data, visits to other institutes to use specialized facilities, etc.

Applications must be submitted via the [IAS website](#). Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

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

## **FIRST CALL for applications for Institutional Grants (Autumn 2019 Session)**

Twice a year, IAS awards an **Institutional Grant** of maximum 10,000 Euro, which is intended to support capacity building initiatives in less developed countries (LDCs). Grants will allow earth science departments in LDCs to acquire durable sedimentological equipment for teaching and research, or tools that can be used by all geology students. The grant application should thus clearly demonstrate how the grant will increase the recipient's capacity to teach sedimentology at undergraduate level in a sustainable way.

Applications have to be submitted via the [IAS website](#). Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

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

## Travel grants for IAS Student Members

Student members of the IAS are able to apply for travel grants for the following meetings:

- 16<sup>th</sup> International Meeting of Carbonate Sedimentologists — "Bathurst Meeting" (9-11 July 2019, Palma de Mallorca, Spain)
- 19<sup>th</sup> International Congress on the Carboniferous and Permian (29 July - 2 August 2019, Cologne, Germany)
- Climatic controls on continental erosion and sediment transport — "CLAST 2019" (4-10 August 2019, Juneau (Alaska), United States)
- Summer School on Speleothem Science (S4) (11-17 August 2019, Cluj, Romania)
- 34<sup>th</sup> IAS Meeting of Sedimentology — "Sedimentology – to face societal challenges on risk, resources and record of the past" (Rome, Italy; 10-13 September 2019)
- 3<sup>rd</sup> International Conference on Continental Ichnology — "ICCI 2019" (23-29 September 2019, Halle, Germany)
- M-fed conference — "Microbialites: formation, evolution, diagenesis" (28-30 October 2019, Dijon, France)
- Climate Change, The Karst Record — "KR9 Conference" (12-15 July 2020, Innsbruck, Austria)

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

Application rules and eligibility criteria for IAS Student Travel Grants:

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

## Meetings with IAS support

- 16<sup>th</sup> International Meeting of Carbonate Sedimentologists — "Bathurst Meeting" (9-11 July 2019, Palma de Mallorca, Spain)
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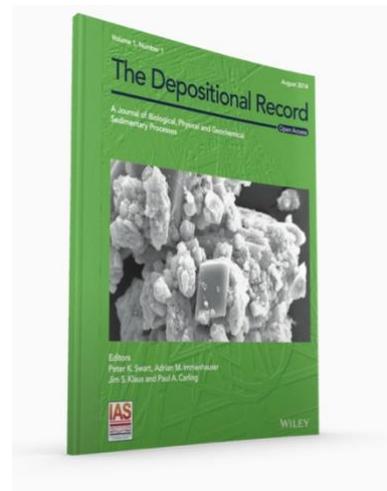
All meetings with IAS support are also listed on the website in the [members-only Events Timeline](#). The listings include the option for downloading the event period in your calendar.

## Call for manuscripts for Open Access Journal “The Depositional Record”

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

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

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



## News from our journals

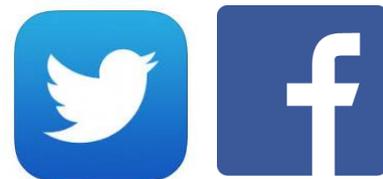
For a quick overview of the latest issues of **Sedimentology**, **Basin Research** and **The Depositional Record**, follow these links:

- **Sedimentology**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **Basin Research**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **The Depositional Record**: directly at [Wiley](#) or via the [IAS website](#)

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

## The IAS on Facebook and Twitter

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



Follow us [@sedimentology](#) to keep up to date with all things sedimentological.

## Job adverts

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