

NEWSLETTER



**River Pothole (Afon Dulas, Wales)
- Hywel M. Griffiths**

Follow us



Email: bsg@geomorphology.org.uk



Craig y Filfran, Comorant Rock, Ceredigion, Wales - Stephen Tooth

Message from the Exec. & President

Welcome to our latest newsletter, reflecting on what has been an incredibly busy and rewarding six months for the British Society for Geomorphology. Over the past few months, we have been delighted to support our vibrant research community through the allocation of our latest round of research grants. We want to extend our warmest congratulations to all of our successful recipients; your work is vital to driving our discipline forward, and we look forward to seeing your projects develop. Alongside these grants, we are also thrilled to announce this year's BSG Award winners and a new fellowship. You can find the full details of these prestigious accolades and the outstanding achievements of our colleagues further down in this edition.

Seeing our presence on the international stage has been a major highlight of the spring. The BSG had a large, highly visible footprint at the European Geosciences Union (EGU) General Assembly this year. Our exhibit stand was fantastic, drawing a steady stream of visitors, garnering new members, and generating wonderful feedback from both individual academics and partner societies. It was brilliant to see our community making such an impact across the week, both through the stand, and through BSG funded research being presented.

Looking ahead to the summer months, we are delighted to share that we are collaborating with the FiWi Roads interns once again. They will be helping us deliver an upcoming webinar, with full details and registration links coming to your inboxes very soon. Over the summer period we will also be working on delivering a quick refresh and update of our website. As the first port of call for members to engage with the Society and our activities, our website is our key marketing and outreach tool. This piece of work will streamline and refocus our website content, emphasising and highlighting the Society's key contributions to the discipline and wider public, aligning our online presence with our current strategy.

Finally, looking slightly further ahead, momentum is building for our flagship event of the year. We are greatly looking forward to our **Annual Meeting this September**, which will be hosted by the Climate, Catchment, Coasts and Communities Research Group at **University of Lincoln**. This meeting is always the highlight of our calendar—a wonderful opportunity for us to gather in person, share cutting-edge research, and celebrate all things geomorphology together. More details on the Annual Meeting can be found later in the Newsletter and on our website. We hope many of you are planning to join us, and we thank you all for your continued support and dedication to the society.

Professor Stephen Rice
BSG President
Manchester Metropolitan University

Dr Chris Hackney
BSG Chair
Newcastle University



Nako Lake, India - Sayoni Mondal

Annual Conference 2026: Lincoln

This year the British Society for Geomorphology (BSG) Annual Conference will be hosted by University of Lincoln and the Department of Geography and the Climate, Catchments, Coasts and Communities Research Group.

The conference will include the 4th Cuchlaine King Symposium, poster and oral presentations as well as host a field visit to observe the diverse geomorphology and approaches to managing the Lincolnshire coast. The early career researcher and professional geomorphology workshops will offer a great chance to develop technical and transferable skills alongside new or familiar peers. We will also celebrate the BSG Medal and Award winners through keynote presentations, the **award winners can also be found in this issue**.

This **Cuchlaine King Symposium** and accompanying **ESP&L Special Issue** will be dedicated to **advancing contemporary biogeomorphological research**. We are particularly keen to attract submissions from across geomorphology that engage with the following topics:

- Biogeomorphic Processes, Interactions, and Feedbacks
- Quantifying Biotic Contributions to Geomorphic Change
- Biogeomorphology Under Climate Change
- Biotic Change: Losses, Invasions, and Novel Assemblages
- Opportunities for Intervention: Reintroductions and Nature-Based Solutions

Abstract Information

Abstracts can be submitted for oral and poster sessions for in-person delegates and recorded oral and digital poster submissions can be submitted for online delegates.

Abstract submission is available [here](#).

The abstract submission deadline is **Friday 17th July**. You will be notified on the outcome of your abstract prior to the Early-Bird registration deadline.

Take a look at the [conference website](#) for more information and please send any questions to Dr. Catherine Sanders (csanders@lincoln.ac.uk).



*Gangani Badlands, West Bengal, India
Priyank Pravin Patel*

BSG Executive Committee Vacancies

The BSG is seeking applications to fill positions on its Executive Committee starting in September 2026. If you would like more information about the available roles or are interested in applying, please send your CV along with a short email explaining why you are interested in the position to fiona.caithness@sepa.org.uk. The deadline for applications is **7th August 2026**.

Research Secretary

The Secretary of the Research Sub-committee (SecR) is responsible for arranging and taking minutes of the Research Sub-committee meetings and assisting the Vice Chair of Research in promoting the Society's grants and awards. The SecR reports to the Vice Chair for the Research Committee. The office is held for a three-year term. The SecR is a member of the Executive Committee and therefore a charity trustee, sharing ultimate responsibility for governing the Society and directing how it is managed and run.

Vice Chair Publications and Communications

The Vice Chair of Publications and Communications (VCPub) is responsible for managing and co ordinating the Society's communications and publications (including co ordinating with Wiley regarding ESPL). The VCPub reports to the Executive Committee. The office is held for a three-year term. The VCPub is a member of the Executive Committee and therefore a charity trustee, sharing ultimate responsibility for governing the Society and directing how it is managed and run.

Membership Secretary

The Membership Secretary (MemSec) is responsible for ensuring the membership database is kept up to date and in good order, ensuring good oversight of membership numbers through regular analysis of the database, and acting as the contact for Trustees and members regarding personal data and GDPR compliance. The office is held for a three-year term. The Membership Secretary is a member of the Executive Committee and therefore shares ultimate responsibility for governing the Society and directing how it is managed and run.

Junior Vice Chair

The Junior Deputy Chair (JDC) assists the Chair and Senior Deputy Chair with the day to day running of the Society and has a key co ordinating role in promoting equality, diversity and inclusion within the BSG. The Junior Deputy Chair is an elected one-year role, with the incumbent assuming the role of Senior Deputy Chair in the subsequent year and then the role of Chair in the following year, to facilitate succession planning. The JDC reports to the Executive Committee on the BSG's EDI activities at their quarterly meetings (April, September, November).

Honorary Secretary

The Honorary Secretary is responsible for organising and minuting all Executive Committee and Annual General Meetings, as well as minuting Finance Committee meetings. Other responsibilities include serving on the Equality, Diversity and Inclusion Committee and, where required, supporting the Chair with the Society's business and events. The Honorary Secretary serves a three-year term and is a charity trustee, sharing ultimate responsibility for governing the Society and directing how it is managed and run.

BSG Medals and Awards 2026

The David Linton Award

Professor Stuart Lane - Université de Lausanne

The David Linton Award is given to a geomorphologist who has made a leading contribution to the discipline over a sustained period. After a PhD in Physical Geography (Cambridge) and Geomatic Engineering (City University), Stuart Lane took up a lectureship at Cambridge before moving to a chair at Leeds, and then Durham. Wishing to spend the second half of his career geographically closer to the focus on Alpine geomorphology that he began in his PhD, he moved to the University of Lausanne (Switzerland, 2011) to set up a group focusing on links between water, ice, sediment and ecology in Alpine environments, and now in the Himalaya. His research focus is currently the geomorphological response of proglacial margins to retreating glaciers, the bio-geomorphic interactions that follow, and the linkages to environmental management, notably hydropower. His work has always been highly interdisciplinary both scientifically and methodologically, bridging remote sensing, field data collection and numerical modelling. He is a strong advocate of better science, which in geomorphology he believes must also be grounded in fieldwork.



Prof. Stuart Lane



Dr Martin Hurst

The Gordon Warwick Award

Dr Martin Hurst - University of Glasgow

The Gordon Warwick Award is made annually for excellence in geomorphological research by someone within 15 years of being awarded their doctorate. Dr Martin Hurst is a geomorphologist and senior lecturer in the School of Geographical and Earth Sciences at the University of Glasgow. His research seeks to understand how landscapes evolve, with a particular focus on tectonically active landscapes and eroding coastlines. Martin's research combines topographic analysis, field observations, geochronology, and numerical modelling to investigate the processes and rates of landscape change across a range of spatial and temporal scales. He is particularly interested in how landscapes respond to environmental forcing such as climatic shifts, and changes in tectonic forcing, and how these responses can be evidenced in landscapes that preserve only limited evidence of their past condition. In recent years, Martin has worked extensively on applied coastal change and climate adaptation in Scotland, developing monitoring approaches and evidence to support coastal change adaptation planning in response to anticipated future environmental change.

Nominations for 2027 BSG Awards are open now (Closing date 31st December 2026) and applications can be made through the BSG website. If you require any further information, please contact Jeff Warburton (BSG Awards Officer) jeff.warburton@durham.ac.uk.

BSG Medals and Awards 2026



Dr C. Skinner



Dr Y. Shmilovitz



Dr C. Erikson

The Lynne Frostick Award

Dr Chris Skinner - York St John University

The Lynne Frostick award is made annually to an individual who has made an outstanding and sustained contribution in geomorphology outreach, education and engagement. Chris Skinner is a Lecturer in Geography at York St John University, currently researching game-based and imaginative approaches for geoscience. As a river scientist by background, with specialisms in geomorphology and hydrology, his work has a focus on flood risk and resilience. He has previously held roles at the Environment Agency and the University of Hull. He is passionate about communicating science that helps make people safer. He created the *Flash Flood!* virtual reality activity that, when exhibited as part of his Earth Arcade, has immersed thousands of people into the destructive, geomorphic, power of flooding from intense rainfall. In 2017, he started the Games for Geoscience network, leading the annual science sharing sessions and popular Geoscience Games Night at the European Geoscience Union's General Assembly. He has previously served the British Society for Geomorphology as Press Officer, Trustee, and as vice-Chair of the Outreach and Education sub-Committee.

The Dick Chorley Award

Dr Yuval Shmilovitz – INSTAAR and CSDMS

The Chorley award is made for a [published paper based on PhD research](#). Yuval's research focuses on quantifying how climatic and geological forcings drive and are encoded in landscape changes. In particular, his expertise lies in developing computational tools and strategies to incorporate high-resolution hydroclimate realism and detailed descriptions of surface properties into erosion and landscape evolution research frameworks across spatiotemporal scales. Yuval completed a PhD at the Hebrew University of Jerusalem (recognized by the Bentor Award for outstanding dissertation), for which he studied cliff-related hillslope evolution under high-resolution climate variability. Following two years as a CIRES Postdoctoral Fellow at CU Boulder, during which he studied fast-evolving gullied catchments, he is now a Postdoctoral Associate at INSTAAR and CSDMS, investigating post-fire cascading land surface hazards. Yuval's other projects focus on processes that operate over longer geological timescales, such as the evolution of gravel-bed rivers across mountain ranges and lithological heterogeneity.

The Michael J. Kirkby Award

Dr Christian Erikson et. al. - GFZ Helmholtz Centre for Geosciences

[The paper by Christian Erikson](#) and colleagues addresses a classic question; how the incursion of finer sediment into a stream bed modifies riverbed shear stress partitioning and hence sediment transport. What is unique about this paper is its use of a three-year natural rather than a short-term scaled laboratory experiment to address this process. Natural experiments likely represent a fuller range of the drivers and degrees of freedom of channel response. The results show that laboratory-findings do not transfer simply to a field case, due to high rates of sediment supply causing burial and the effects of tributary-derived coarse sediment. The paper stands out for its methodological rigour and its sophistication in interpretation and so clearly merits the 2026 Michael J. Kirkby Award.

BSG Medals and Awards 2026

The Marjorie Sweeting Award

Cameron Sanderson - Birkbeck College, University of London

Cameron moved from a career in social work to Earth science in 2021, driven largely by a wish to better understand the diverse landforms that he had passed through in a series of long-distance bicycle tours throughout Europe and Asia. During his BSc, he undertook a NERC research placement studying the petrology of Cape Verde, and his undergraduate dissertation focused on tectonic geomorphology, using field measurements of rock hardness to investigate the influence of lithological variation in river inversion models of rock uplift rates in southern Turkey. This work is currently being expanded to a full paper comparing 1D and 2D inversion models in the region. He is currently undertaking a joint master's in planetary geoscience across three EU institutions, with a focus on the geomorphology of other solar system bodies. Outside of study, he is a musician and distance runner and is currently discovering the trails and live music scenes of Europe.



New Fellows of the British Society for Geomorphology

Professor Steve Darby – University of Southampton

Strongly motivated by the proximity of their undergraduate halls to White Hart Lane (IYKYK), Steve opted to read a BSc degree in geography at what was then Queen Mary College (University of London) during 1987-1990. Whilst its basis was perhaps a little flaky, this decision turned out to be a good one, with the likes of Graeme Butterfield, Murray Gray and Colin Thorne's inspiring lecturing catalysing his interest in geomorphology. Colin Thorne in particular was a key early mentor and when Colin moved to the University of Nottingham, Steve was happy to follow to undertake his PhD (1990-1994) his thesis being amongst the first to include process-based considerations of bank erosion into numerical morphodynamic models. Taking advantage of Colin's



connections, notably at a formative Gravel-Bed Rivers meeting in 1990 and then on a secondment to the Waterways Experiment Station in Mississippi, productive postdocs followed, centring on understanding incising river systems, initially at the Università di Firenze (1994-1995) and then (1995-1997) at Oxford (i.e., at the US Department of Agriculture's National Sedimentation Laboratory in Mississippi). Steve moved back to the UK in 1997, taking up a lectureship at the University of Southampton. Steve has stayed there since, but credits key collaborators Prof. Paul Carling and (later) Prof. Robert Nicholls in fostering deep and continuing interests in the morphodynamics of large river systems and their deltas. Promoted to Professor in 2009, in the last decade or so Steve has been leading a series of projects that have provided new insights not only into the sediment transfer processes operating in rivers, deltas, and the deep ocean, but how these processes condition hazard and risk. Current work is exploring links between channel evolution and flooding, and how (fine-grained) sedimentation can be viewed as a valuable resource, for example as a vector for nutrient subsidies. Beyond his research contributions, which now comprise a portfolio of over 150 books and journal articles, Steve has a long record of service with the BSG, acting in various roles, including as Chair of the Society during 2017-2018.

BSG Art Competition (#BSGAC25) Winners

Thanks to all those who entered this years BSG Art Competition. We had 11 entries, and the following winners were chosen...

Keep checking our social media platforms at the end of the year to enter #BSGAC26.

1st Place:

Hywel M. Griffiths
River pothole, Afon Dulas



2nd Place (below):

Libby Pattison
An artistic impression of fieldwork in Norway



3rd Place (left):

Stephen Tooth
Craig y Filfran//Comorant Rock,
Ceredigion, Wales



Outreach and Education News

Thanks to Dr Hywel Griffiths for the very smooth handover of the Education and Outreach committee baton!

The first half of the year has been action packed. We had a number of high-quality applications to our Geomorphological Outreach Grant and were very pleased to support some excellent projects. We look forward to seeing the outputs of these very soon.

The Marjorie Sweeting Dissertation Award and the inaugural Lynne Frostick Award - recognising outstanding contributions to geomorphological outreach – also received many excellent nominations. We look forward to welcoming the award winners in Lincoln at the end of the summer.

Elsewhere across the committee, we have been working alongside our friends and colleagues at the RGS-IBG and the GA to map out our future outreach and education priorities and initiatives. This includes appraising and reworking our existing webpages – as part of the much wider BSG website refresh programme - and making way for new resources.

In April, on behalf of the committee, Dr Kathryn Adamson (Manchester Metropolitan University) attended the BSG-NERC COALESCE workshop, led by Dr Annie Ockelford (University of Liverpool). Discussions focused on the sharing of expertise, and enhancing mobility, between different sectors in geomorphology. A day of insightful discussion led to a number of examples that the Education and Outreach Committee can now utilise to enhance our provision for public and school audience. Exciting times ahead!

Dr Kathryn Adamson
Outreach and Education Chair
Manchester Metropolitan University



Howgills, Lake District, UK
Rebecca Hodge

Committee for Professional Geomorphology

Over the past six months, the Professional Geomorphologists sub-committee has continued to strengthen the role and visibility of geomorphology across the BSG community. Our focus has been on increasing engagement, sharing good practice, and creating more opportunities for members to connect and learn.

What's coming next

We're planning a series of CPD events and site visits over the summer and autumn. These will:

- Showcase applied geomorphology in practice
- Share experiences from across sectors
- Support professional development at all career stages

As always, we'll also be running a workshop at the annual conference in Lincoln.

Our role

The committee represents the full breadth of applied or 'professional' geomorphology. We also include academic and postgraduate representatives to maintain strong links with academia because, ultimately, we're all geomorphologists.

Have your say

We're keen to shape this programme around what matters most to you. If there are topics, challenges, or areas of practice you'd like us to cover through webinars or CPD events, we'd really value your input.

For more information or questions please get in touch with our committee chair, Matthew Hemsworth: matthew.hemsworth@jbaconsulting.com

Chair of the BSG Committee for Professional Geomorphologists:
Matthew Hemsworth: matthew.hemsworth@jbaconsulting.com

Langdale, Lake District, UK
Tom Coulthard



Postgraduate News

Your Postgraduate Forum Committee

The current **PGR representatives** in various sub-comms/working groups are: ED&I – Siddha (QMUL), Professional – Varsha (Ulster), Research – Tom (Manchester), Outreach & Education - Ayyappadas (Oxford), Website Officer – Adam (QMUL) and Communications Officer – Jayesh (Aber).

Postgraduate Activity

- New PGRs were welcomed at the **41st** annual [Windsor Workshop 2025](#) at Cumberland Lodge, Windsor, UK from 1-4 December 2025.
- The **webinar series** [Geomorph Talks: Methods, Models & More \(GT-M3\)](#) is successfully running with various speakers from different institutes across the globe.
- The PG Forum committee members have also been busy attending and working in the UK and abroad:
- *Shashi* and *Jayesh* participated in a UK-India multi-institutional collaboration project funded by ISPF (through Aberystwyth University) in Chambal Badlands, Madhya Pradesh, India from 9-18 January 2026, collecting OSL, radiocarbon, gas samples, measuring river potholes and tracing gullies.
- *Melanie* attended the 11th IAG International Conference on Geomorphology from 2-6 February 2026 at Christchurch, New Zealand, presenting a poster on her PhD work and taking part in the Young Geomorphology training program at the conference.
- *Bharvgi* attended the EGU 2026. She will be attending 21st LARAM School, 7-18 September 2026 in Lausanne, Switzerland and 7th World Landslide Forum from 23–27 November 2026 in India. She has also recently started a placement with Natural England, working with their coastal geomorphology team and exploring approaches for monitoring coastal change and landslide activity.
- *Harsh* was supported by the *BSG Postgrad Conference Attendance Grant* for EGU 2026.
- *Magdalena* attended the EGU 2026 and had a presentation there about the influence of dirty snow avalanches on soils.

Some important **upcoming** conferences – [AGU 2026](#) & [QRA PG Symposium 2026](#) (@Royal Holloway).

We are always open to new members eager to help represent student voices within the BSG and to assist in planning and hosting postgraduate events. If you are interested in joining, feel free to reach out at bsgpostgrads@gmail.com or scan the QR code. For any **website related queries**, please contact our Website Officer Adam Hartley at a.hartley@cbecoeng.co.uk.

Follow us at:

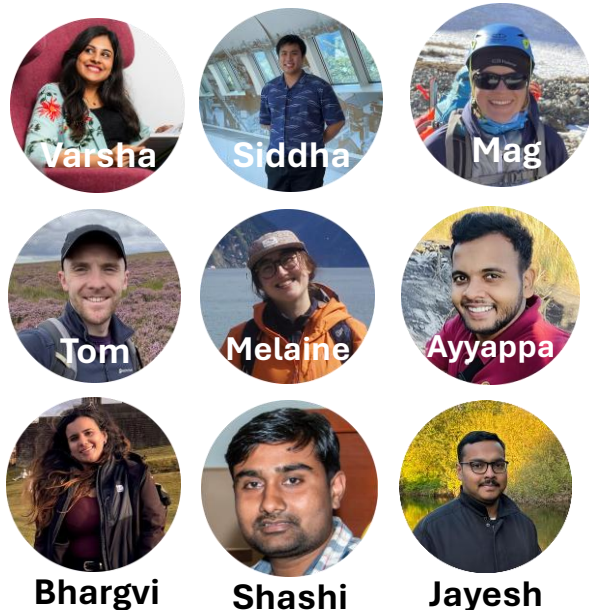
Instagram: [bsgpostgrads](#)

Facebook: [BSG Postgraduates](#)



Jayesh Mukherjee
Aberystwyth University
Postgraduate Forum Chair
jam169@aber.ac.uk

Windsor workshop 2025



ESP&L Research Highlight

Dr Beth Mondon and Prof. David Sear

Fine sediment accumulation in stable gravel beds is recognised globally as detrimental to many benthic dwelling organisms and a particular pressure in groundwater-dominated chalk streams. Compared with other river systems, chalk streams regularly exhibit higher quantities of accumulated fine sediment (defined as <2 mm diameter) within their gravel framework due to the low frequency of bed mobilising flows and resulting gravel bed stability. Fine sediment accumulation depends on both sediment inputs and transport capacity, but previous management approaches (e.g., suspended sediment targets) have focused solely on reducing inputs at source. This neglects the fine sediment that has already accumulated in riverbeds over time. However, whilst considerable attention has been given to researching processes of fines infiltration into static gravel beds, less attention has focused on the flushing of finer sediments including silts, clays and organic matter (i.e., the key materials linked to ecological impacts).

We report on a flume experiment to investigate remobilisation depths of natural fine sediment (predominantly cohesive sediment <62.5 μm) for a typical static chalk stream gravel bed across a range of flow conditions. The grain size distribution of the gravel bed was replicated from 90 freeze core sites across 11 UK chalk streams. We find that increased bed shear stress corresponds with increased fine sediment cleanout depths, with the largest cleanout depths observed under flow conditions with an average bed shear stress of 8.2 Pa (Fig. 1). We also evaluate the validity of established models for predicting fine sediment remobilisation, finding that they overpredict cleanout depths in chalk streams due to a failure to represent their natural characteristics and specifically cohesive and finer (silt-clay) sediments.

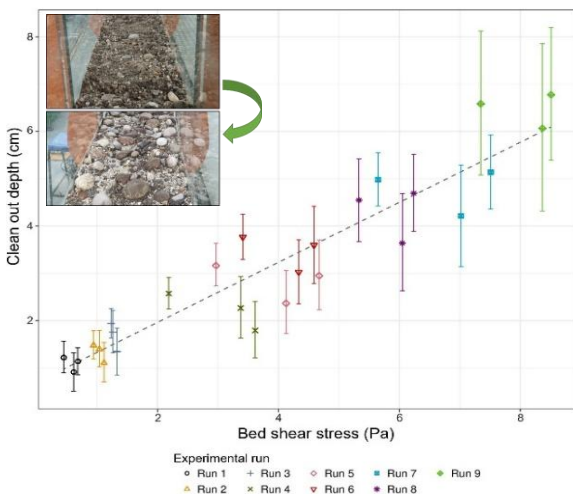


Fig. 1. Average cumulative cleanout depth of fine sediment post each experimental run compared with the average bed shear stress.

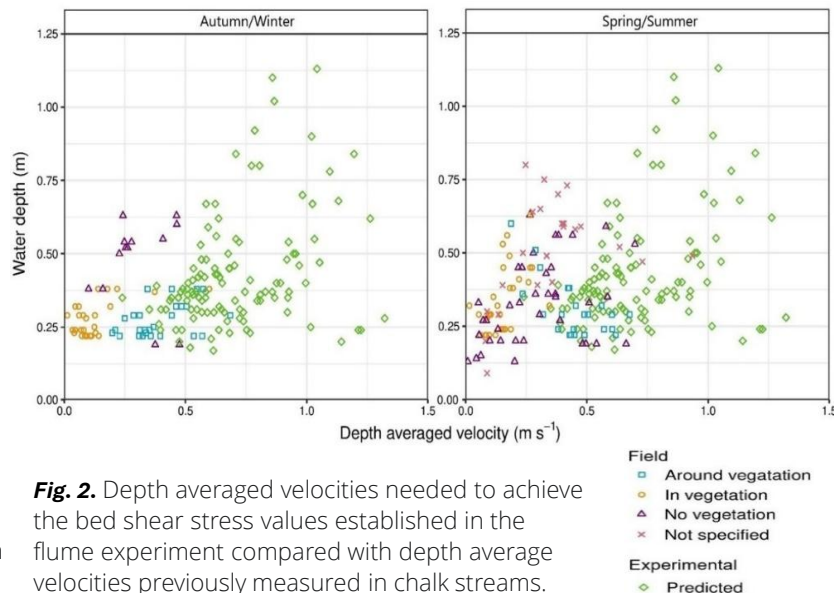


Fig. 2. Depth averaged velocities needed to achieve the bed shear stress values established in the flume experiment compared with depth average velocities previously measured in chalk streams.

We then assess whether flow conditions required for fine sediment remobilisation are currently occurring in UK chalk streams by calculating the depth averaged velocities needed to achieve the bed shear stress values established in the flume experiment. We confirm that for the UK chalk streams where data was available, these are not achieving the flow conditions needed to remobilise fine sediment from their gravel beds (Fig. 2), supporting the wider observations of fine sediment saturated framework gravels across chalk streams. The implications for river management and restoration are that existing stores of fine sediment within chalk streams are unlikely to be flushed out under existing flow regimes. Similarly, without reduced inputs from fine sediment sources, flushing of fines is likely to be unsustainable. Instead, both source management and the restoration of natural processes that result in locally increased shear velocities (e.g., around large wood, in narrow flow threads between macrophyte beds), are likely to be needed into the future. [Read the full article here.](#)

SWOT Satellite Captures Australia's Record-Breaking Flood Pulse

Atul Kumar Rai

Central Australia's channel country — one of the Australia's most important cattle-grazing landscapes and a principal food-production region relies heavily on non-perennial rivers; the vast network of channels and waterholes that make up Australia's desert interior. The devastating 2025 Cooper Basin flood exposed a critical water monitoring gap: across a catchment exceeding 300,000 km², only four operational gauging stations were available to monitor the event. The flood caused major economic losses, including the death of an estimated 10,000 cattle, widespread soil erosion, and prolonged disruption to transport networks (Figure 1).

Our study demonstrates the transformative potential of the joint NASA–CNES SWOT (Surface Water and Ocean Topography) satellite mission for monitoring Australia's remote inland river systems. Using SWOT observations during the peak of the 2025 flood, we successfully generated high-resolution two-dimensional maps of flood depth and water levels across key locations in the Cooper Basin (Figure 2). The satellite-derived water levels agreed remarkably well with gauge measurements, achieving a root mean square error of just ± 11 cm and a mean absolute error of ± 8.1 cm.

These results demonstrate that SWOT can effectively function as a virtual gauging network, providing accurate and spatially continuous water-level observations in regions where conventional monitoring infrastructure is sparse or absent.

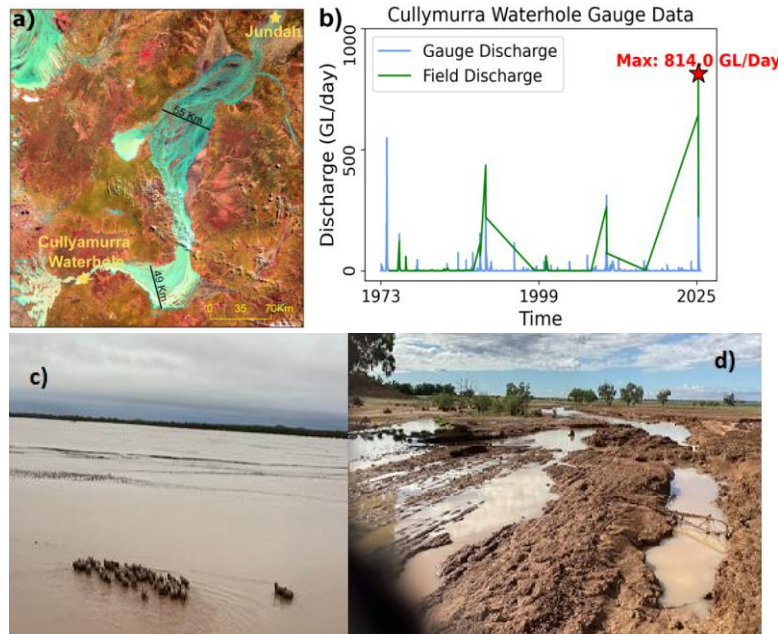


Fig. 1. (a) Flood extents along Cooper Creek, with the transect indicating the inundation width. (b) Discharge hydrograph from the Cullyamurra Waterhole gauge station (1973–present) (c) An “inland sea” formed by extensive floodwaters during the 2025 flood, which resulted in substantial cattle losses across the region. (d) Floodwaters stripped agricultural, highlighting the severity of land degradation associated with the event.

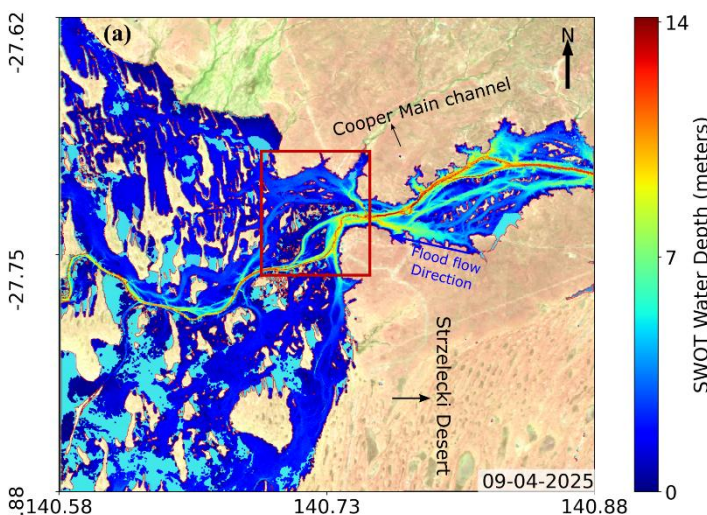


Fig. 2. Spatial visualization of inundation depth using near-real-time SWOT data during an extreme flood event in the Cooper Basin.

As climate change intensifies hydrological extremes, including prolonged droughts and flash floods, the SWOT mission offers a transformative capability for inland water monitoring. These unprecedented observations can enhance flood forecasting, improve hydrodynamic model calibration and validation, support emergency response efforts, and strengthen water-resource management across Australia and other arid, data-sparse river systems worldwide.

[Read the article in Environmental Research Letters here](#)

This research was partly supported by a **BSG Postgraduate Research Grant** awarded to Atul Kumar Rai.

MAPPING YOUR FUTURE

**1st
SEPTEMBER**
AT THE **BSG
ANNUAL
CONFERENCE**

**FOR
YOU IF
YOU'RE**

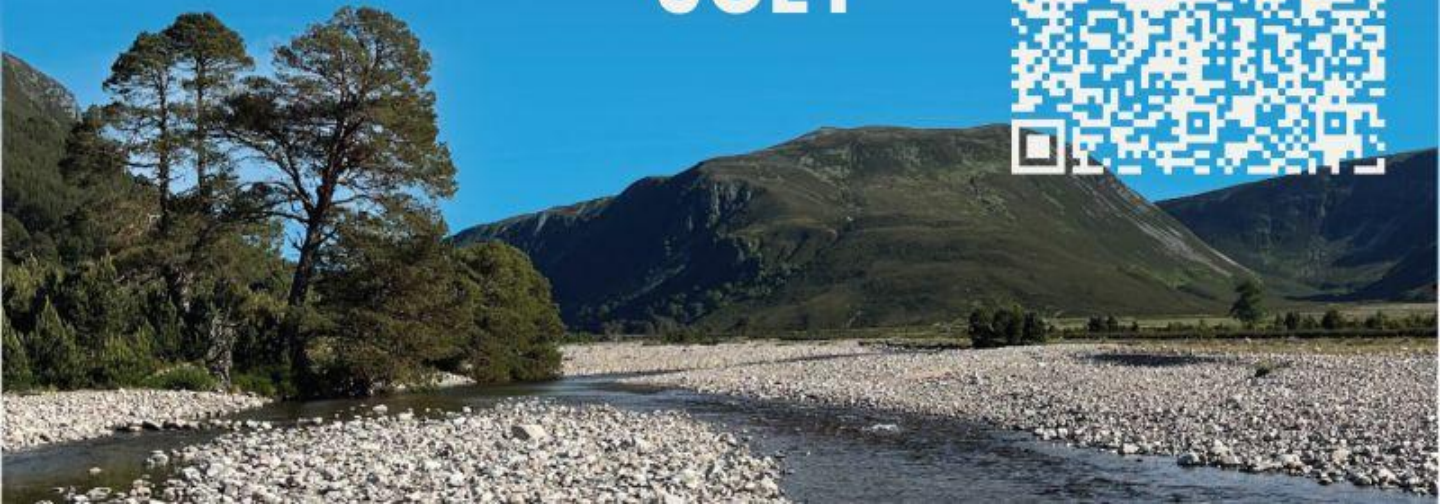
**20 FUNDED
PLACES**

**APPLY
BY 17th
JULY**

**Leadership, Interdisciplinary
Working, and Networking for
Early Career Geomorphologists**

A day of interactive sessions on leadership, networks and connections, and interdisciplinary project work.

In the final year of your PhD; A postdoc or early career academic; In your first or second industry role.



www.geomorphology.org.uk



Loriga palaeoglacier, Serra da Estrela, Portugal - Edgar Figueira