



The Society for Organic Petrology

# NEWSLETTER

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The 41th Annual TSOP Meeting, September 7-14 2025, Yogyakarta, Indonesia



HYATT REGENCY YOGYAKARTA, the Place of 41th TSOP Meeting

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## TOP NEWS

- Updates on 41th Annual TSOP meeting in Yogyakarta, Indonesia
- Call for Nominations for 2025 John Castaño Award
- Ward Emerging Student Researcher Award, 2025
- TSOP Members Contributions: Taking samples in other countries

# TSOP PRESIDENT'S LETTER

Dear TSOP Members,

I trust this note finds each of you well and in good spirits. I am pleased to reach out to you with updates and forthcoming events that highlight the activities within the Society for Organic Petrology.

We kicked off the year with a successful virtual seminar on February 20th, featuring the distinguished John Castano Award recipient, Professor Joan Esterle from the University of Queensland. In her career-focused presentation, "One Bright, One Dull: My Fascination with Coal," Professor Esterle shared valuable insights derived from her extensive experience in organic petrology. We are excited to continue this series and hope that other past John Castano Award recipients will also join us to share their expertise and experiences.

Looking ahead, we will continue our journey and engagement through our TSOP-EAOG Seminar Series. The next presentation will be delivered by Professor Henrik Ingermann Petersen next month. This ongoing series represents a significant part of our commitment to bringing cutting-edge knowledge to our members. Keep an eye on your inboxes as we will be sending out more details shortly.

I am also thrilled to announce that the registration portal for the 41st TSOP Annual Meeting in Yogyakarta, Indonesia, this September is now open and ready for use on our society's website. I encourage everyone to register early to secure your spot. Special thanks to Prof. Ferian Anggara and the organizing committee for their dedicated efforts in preparing what promises to be an engaging and productive event.

I look forward to what we will achieve together in the coming months and to catching up with many of you at our upcoming events.

Best wishes,  
Lei Zhao, TSOP President 2023-2025



Dr. Lei Zhao  
TSOP President

# Updates on 41th Annual TSOP meeting in Yogyakarta, Indonesia



## TSOP 2025

*The 41<sup>st</sup> Society of Organic Petrology Annual Meeting*

**YOGYAKARTA, INDONESIA** 7-14 of September 2025

*Theme: "Critical Minerals and Unconventional Hydrocarbon Resources in Future Energy"*

### Conference Program and Rundown

#### 1. Critical Raw Materials

Navigating responsible sourcing, recycling and advancing technology have a major role in alleviating potential supply strains.

#### 2. Unconventional Hydrocarbon

Challenges in exploration and production towards technological advancements and economic projections.

#### 3. Carbon Capture, Utilization, and Storage

Securing momentum on pushing climate targets and increasing strong economic case for clean energy and energy security imperatives through CCUS technology.

7 <sup>th</sup> September 2025	8 <sup>th</sup> September 2025	9 <sup>th</sup> September 2025	10 <sup>th</sup> September 2025	11-15 <sup>th</sup> September 2025
<ul style="list-style-type: none"><li>Pre-Conference Cultural Fieldtrip</li></ul>	<ul style="list-style-type: none"><li>Workshop</li><li>Ice Breaker</li></ul>	<ul style="list-style-type: none"><li>Technical Session</li><li>Conference Dinner</li><li>Council Meeting</li><li>Student Drink Function</li></ul>	<ul style="list-style-type: none"><li>Technical Session</li><li>Closing and Awarding Session</li><li>Post Conference Field Trip Technical Briefing</li></ul>	<ul style="list-style-type: none"><li>Post-Conference Field Trip(Mahakam Delta)</li></ul>

### Registration Information

#### Registration Category

Agenda	Price (USD)
Technical Session	
Early Bird Registration	
Professional Member	350
Professional NonMember	380
Student	150
Normal Registration	
Professional Member	380
Professional NonMember	405
Student	175
Pick up Accommodation	20
Pre-Conference Fieldtrip	85
Workshop	175
TSOP Dinner	50
Ice Breaker	20
Post Conference Fieldtrip	
Professional	1150
Student	950

Early bird price : 1<sup>st</sup> March - 31<sup>st</sup> May  
Normal Price : 31<sup>st</sup> May - 31<sup>st</sup> July

#### Registration form :

[bit.ly/TSOP2025RegistrationForm](http://bit.ly/TSOP2025RegistrationForm)

### Abstract Submission

Abstract submission for the 41<sup>st</sup> TSOP Conference 2025 is open from March 1 until May 31, 2025.

#### Abstract Guideline

[bit.ly/TSOP2025AbstractGuideline](http://bit.ly/TSOP2025AbstractGuideline)

#### Abstract Submission Form

[bit.ly/TSOP2025AbstractForm](http://bit.ly/TSOP2025AbstractForm)

### Awards, Grands, Student Support

<b>The Spackman Award</b>	<b>Colin Ward Emerging Student Researcher Award</b>	<b>Student Travel Award</b>	<b>Danielle Kondla Award</b>
Graduate Student Research Grants	PhD student's first attendance at TSOP award	Award to support student attendance at TSOP 2025	Award for best student oral and poster presentation

### Contact and Media

<http://www.tsop.ugm.ac.id>  
[@ugrg\\_ugm](https://www.instagram.com/ugrg_ugm)  
[ugrg.ft@ugm.ac.id](mailto:ugrg.ft@ugm.ac.id)

Details regarding conference and registration, please visit our website

# CO<sub>2</sub> injection in depleted oil fields: an organic petrographic and geochemical approach

Prof. Henrik Ingermann Petersen  
Geological Survey of Denmark and Greenland  
(GEUS)

Carbon dioxide (CO<sub>2</sub>) storage (Carbon Capture and Storage, CCS) in geological subsurface reservoirs is considered a feasible technique to store CO<sub>2</sub> permanently. Depleted oil and gas fields may constitute important structures to deliver CO<sub>2</sub> storage, but the non-produced remaining oil in oil fields poses a risk. This presentation will show how a combination of organic geochemistry, reflected light microscopy, and scCO<sub>2</sub> flooding experiments under reservoir conditions can be applied to evaluate and measure the spatial distribution, volume, saturation and behavior of different oil fractions in sandstone and chalk reservoirs. It will also be illustrated how mud gas data can be used to evaluate the seal integrity of the storage structures.



Prof. Henrik Ingermann Petersen is a geologist/organic petrologist and geochemist with about 35 years of experience from research in academia and as a petroleum geochemist in the oil industry. His current work areas are centered around CO<sub>2</sub> storage in depleted oil fields, seal evaluation, biochar ( biological carbon storage), and natural hydrogen and helium.

**Event Time: Wednesday April 23rd**

**08:00 –09:30 CDT (Houston, USA); 15:00 –16:30 CEST (Copenhagen);  
21:00 –22:30 (Perth, Australia)**

**Online Link:**

**<https://teams.live.com/meet/9334969712579?p=kKMVv4xxfphqgKP5rG>**

# John Castaño Honorary Membership Award - Call for nominations, 2025

**Deadline: May 31, 2025**

TSOP members are invited to nominate the scientist of their choice for the 2025 John Castaño Honorary Membership Award, The Society for Organic Petrology's highest honor ([www.tsop.org/honmem.htm](http://www.tsop.org/honmem.htm)). The award acknowledges distinction in a scientific discipline of significance to the society, in recognition of contributions in research, service to TSOP, or education. The John Castaño Honorary Membership conveys life membership in the society. It is named in honor of John Castaño, one of our most active Houston-based founding members. John served as inaugural Vice-President, and later, as President of TSOP. He was an organizer of three TSOP meetings in the Houston area and was made an Honorary Member in 1995. John served TSOP in many capacities until his death in 1997; a memorial article was published in the June 1997 issue of the TSOP Newsletter.



If you would like to suggest a candidate for the 2025 John Castaño Honorary Membership Award, please submit a letter of recommendation and a brief vita of the nominee to:

Dr. Magdalena Misz-Kennan, University of Silesia, Faculty of Natural Sciences, Institute of Earth Sciences, ul. Będzińska 60, 41-200 Sosnowiec, Poland; **email: [magdalena.misz@us.edu.pl](mailto:magdalena.misz@us.edu.pl) by May 31, 2025.**

It is suggested that supporting letters of recommendation from colleagues and other scientists accompany the package. Emphasis should be placed on the significance of the nominee's work.

Nominations will be reviewed by the John Castaño Award Committee and results will be announced at the Annual Meeting. The selection process is confidential and nominees do not have to be former or current TSOP members.

The committee evaluates research, service and educational impact on the following criteria:

- Research contributions include work that demonstrates a high degree of originality and serves to advance the science of organic petrology or related disciplines. Nominees must possess a sustained international record of professional publication and achievement.
- Nominees recommended for service must demonstrate significance contributions to TSOP in a leadership role. Their service must have enabled the society to stimulate interest and promote innovative research in coal geology. Contributions include educational activities, administrative duties, or the development of the society.
- Nominees recommended for education must demonstrate a high degree of dedication and significant impact as a teacher of organic petrology or related disciplines.

**Dr. Magdalena Misz-Kennan**

TSOP Vice President

Chair of the Honorary Member Selection Committee



# Colin Ward Emerging Student Researcher Award, 2025

**Deadline: April 30, 2025**

TSOP student members are invited to apply for the 2025 Colin Ward Emerging Student Researcher Award. The Colin Ward Emerging Student Researcher Award is designed to support a PhD students' first attendance at the annual TSOP meeting. The award also is designed to integrate the PhD student into the TSOP community. The award is funded by Kathie Ward and named after Colin Ward (1945-2018) in recognition of his outstanding academic and research career, contributions to coal science, and service to TSOP. One (1) monetary award of \$700 (US) will be granted each year. Money will be sent to the awardee (by PayPal or Western Union) before the TSOP Annual Meeting or provided during the TSOP General Luncheon at the meeting along with a commemorative plaque.



If you would like to apply for the 2025 Colin Ward Emerging Student Researcher Award, please fill out the Application Form (download at [https://www.tsop.org/Ward\\_award\\_apply.html](https://www.tsop.org/Ward_award_apply.html)) that includes an essay of how attending a TSOP meeting will benefit student's research and a letter of recommendation from student's primary faculty advisor (attach as a separate document) to:

Dr. David French, Earth and Sustainability Sciences Research Centre, School of Biological, Earth and Environmental Sciences, University of New South Wales, Sydney, NSW 2052, Australia, email: [davidfrench474@gmail.com](mailto:davidfrench474@gmail.com) by April 30, 2025.

Applications will be reviewed and ranked by a committee of three TSOP members. The priority will be given to students who are early in their research, and reside in countries with low TSOP membership

**Dr. David French**

**Chair Colin Ward Award Committee**

# Call nominations for Dal Swaine Award , 2025

**Deadline: April 30, 2025**

The chair of the Dal Swaine Award committee would like to invite paper nominations for this award from TSOP Members. The Dal Swaine Award for Best Published paper is presented to the authors of the paper judged to be the best for the year in inorganic or organic geochemistry and/or mineralogy of coal or hydrocarbon source rocks. The award is named in honor of Dr. Dalway J. Swaine (1920-2013), whose work over many years at Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO) included extensive work on multiple aspects of inorganics in coal. His published books include Trace Elements in Coal, Environmental Aspects of Trace Elements in Coal, and Biogeochemical Cycling of Mineral-forming Elements.



Dr. Dalway J. Swaine

For any given year, the papers considered would have been published in the previous year, i.e.: for the 2025 award, papers published within the 2024 calendar year can be considered. The committee started the process with evaluations of the abstracts of prospective papers. Papers authored by any of the committee members were not considered. Final evaluation was made of the full papers of the top five selections of the committee.

If you would like to suggest papers for the 2025 Ralph Gray Award, please send your recommendations to the Chair of the Dal Swaine Award Committee by April 30, 2025:

Dr. Biao Fu, Professor, Zhongyuan Critical Metals Laboratory, Zhengzhou University. email: [fubiao1223@gmail.com](mailto:fubiao1223@gmail.com). by April 30, 2025.

**Dr. Biao Fu**

TSOP Editor

Chair of Dal Swaine Award Committee

# Call nominations for Ralph Gray Award , 2025

**Deadline: April 30, 2025**

The chair of the Dal Swaine Award committee would like to invite paper nominations for this award from TSOP Members. The Ralph Gray Award for Best Published Paper is presented to the authors of the paper judged to be the best for 2025 in coal and organic petrology. The award is named after Ralph Gray (1923-2009), a petrologist with wide-ranging experience and interests, particularly well-known for his work in industrial applications.



Ralph Gray

For any given year, the papers considered would have been published in the previous year, i.e.: for the 2025 award, papers published within the 2024 calendar year can be considered. The committee started the process with evaluations of the abstracts of prospective papers. Papers authored by any of the committee members were not considered. Final evaluation was made of the full papers of the top six selections of the committee.

If you would like to suggest papers for the 2025 Ralph Gray Award, please send your recommendations to the Chair of the Ralph Gray Award Committee by April 30, 2025:

Dr, Tim Moore, Managing Director, Cipher Consulting Pty. Ltd., Brisbane, Australia; Adjunct Professor, Queensland University of Technology. **email: [tmoore@ciphercoal](mailto:tmoore@ciphercoal). by April 30, 2025.**

**Dr. Tim A Moore**  
Chair of Ralph Gray Award



## Taking samples in other countries

Taking samples while on conference field trips feels like a time-honoured tradition. But is it really? And is it ethical or even legal?

Well, the legal part is down to a country-by-country basis, but I can say that in the majority of countries I work in (many Asian countries, but also Australia, New Zealand, as well as some South American and African countries) it is not legal to just take the samples out in your suitcase. What is required is some sort of research permit. This usually entails first getting a memorandum of understanding (MoU) with either a university or company and then applying for a permit. The paperwork is usually not too onerous, it just takes a little planning.



*Cretaceous-age Rewanui Formation conglomerate, West Coast, New Zealand. Photograph by T.A. Moore.*

If you rock up at the airport with samples in your bag, you are likely to be stopped and possibly fined (i.e. a monetary fine! – aka money!). At the very least, the samples will be confiscated.

But there is also an ethical perspective – in my opinion – to spiriting samples out of a country you do not live in without participation of local experts – and there are always local experts. I bring this up because of a recent incident I experienced.

In the situation I am thinking about, samples were being whisked away without even an invite of participation of local experts that would have added a depth of knowledge to any research outcome that the foreign scientists could ever hope to give. At best this was thoughtlessness and at worse highlights an arrogance that is unprofessional but sadly common.

So, fellow colleagues, next time you are on a conference field trip and think you'd like to take samples (even if just for teaching purposes), think twice and plan ahead. Involve the people that really know a lot more than you probably do and do it legally.

Tim A Moore  
Managing Director, Cipher Consulting Pty Ltd  
Adjunct Professor, Queensland University of Technology

# TSOP MENTORSHIP PROGRAM

Are you a student who needs a mentor? Are you a senior scientist who wants to help guide and strengthen the next generation of organic petrologists?

If so, we are excited to invite you to join The Society for Organic Petrology (TSOP) Mentorship Program!



Whether you're a student, early-career researcher, or an organic petrologist in training, our program offers you the opportunity to engage in personalized one-on-one mentorship sessions with leading experts, educators, and scientists in the field of Organic Petrology.

Our esteemed mentors include renowned figures such as Prof. Brian Cardott (University of Oklahoma), Prof. Hamed Sanei (Aarhus University), Prof. Henrik Petersen (Geological Survey of Denmark and Greenland), Prof. Longyi Shao (China University of Mining & Technology), Prof. Shifeng Dai (China University of Mining & Technology), and Dr. Thomas Gentzis (Core Laboratories).

Participating in this program will give you invaluable insights, help clarify your career goals, and provide access to an exclusive network of professionals. It's a unique opportunity to refine your focus, develop your skills, and reach your full potential in the field.

If you're interested, please contact TSOP Councilor Sherry (Xiaowei) Zheng at [zhengxiaowei1103@outlook.com](mailto:zhengxiaowei1103@outlook.com), or visit our website at <https://tsop.org/mentorship.html>.

# UPCOMING EVENTS AND DEADLINES



***April 30, 2025***

Deadline for TSOP Student Travel Award



***April 30, 2025***

Deadline for TSOP Ward Emerging Student Researcher Award



***May 31, 2025***

Deadline for TSOP John Castaño Honorary Membership Award



***May 31, 2025***

Deadline for TSOP Spackman Award



***September 7-14, 2025***

41st TSOP Annual Meeting - Yogyakarta, Indonesia



***September 17-24, 2025***

76th ICCP Annual Meeting - Beijing, China



***July 6-11, 2025***

Goldschmidt Conference- Prague, Czech Republic



***September 7-11, 2025***

32<sup>nd</sup> International Meeting on Organic Geochemistry, Porto, Portugal



***TBA, 2026***

42st TSOP Annual Meeting - TBA, China



***TBA, 2027***

Join 43rd TSOP & 78th ICCP Annual Meeting - TBA  
Johannesburg, South Africa - PROPOSAL RECEIVED

# ABOUT TSOP

The Society for Organic Petrology (TSOP) is a non-profit organization for scientists and engineers involved with coal petrology, kerogen petrology, organic geochemistry, and related disciplines. The Society organizes an annual technical meeting, provides funding for students' research, and travels and sponsors research projects. TSOP is an AAPG-affiliated society. Please find us on [Facebook](#), join the [LinkedIn](#) group, and visit our [website](#) to learn about our history, bylaws, goals, events, and membership.



TSOP incorporated as a non-profit organization in the state of Virginia, USA, in 2008. Following application in June, 2009, the US Internal Revenue Service granted recognition of 501(c)(3) tax-exempt status on February 9, 2010. Classified as a public charity, TSOP is exempt from U.S. Federal income tax, and U.S. contributions to TSOP are tax deductible (section 170 of the Code). TSOP is also qualified to receive tax deductible bequests, devises, transfers, or gifts (sections 2055, 2106, or 2522 of the Code).

## TSOP NEWSLETTER SUBMISSIONS

TSOP publishes a quarterly newsletter that is available free of charge. Articles, reports on meetings, photos, events, or job postings are welcome. Items for the newsletter may be submitted to the TSOP Editor [Biao Fu](#).

### TSOP Newsletter Submission Deadlines:

December Issue: December 5<sup>th</sup>,  
March Issue: March 5<sup>th</sup>  
June Issue: June 5<sup>th</sup>  
September Issue: September 5<sup>th</sup>

## TSOP MEMBERSHIP DUES

TSOP dues payments are due on **December 31st each year**. Please use the quick links below to check your membership status and make your payment. Please direct your questions to TSOP Treasurer [Agnieszka Drobnia](#).

### Professionals:

- \$25 per year or
- \$100 for 5 years (5 years for the price of 4!)

**Students:** \$15 per year

**Institutional/Corporate:** \$75 per year

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