
	IUGS – Annual Report 2025 Permian <u>International Commission on Stratigraphy</u>	
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IMPORTANT NOTES - Please adhere to the following:

- 1) Follow the style and fonts as shown in the template, and do not alter them.
- 2) Provide all the requested information and adhere to the specified word limit.
- 3) Please return the completed document to Charles Henderson at cmhender@ucalgary.ca by Nov. 21.

1. BACKGROUND INFORMATION

Name of the ICS Constituent Group	Subcommission on Permian Stratigraphy
Nature of the Constituent Group (commission/task group/initiative)	commission
Website/social media links	<u>International Commission on Stratigraphy</u>
Year of reporting	2025
Submitted by:	
Given Name	Elizabeth
Family Name	Weldon
Gender	Female
Role in the ICS Constituent Group	Chair SPS
Year of appointment to the position in the ICS Constituent Group	2024 Chair (2022 Voting Member)
Institution/Affiliation	Deakin University
Country	Australia
Email address	l.weldon@deakin.edu.au

2. ORIGINAL WORKPLANS FOR 2025

Provide a short summary (in bullet points of maximum 100 words) of what was planned for 2025 as stated in your Annual Report for 2024

- Revise the Guadalupian base Roadian and base Wordian GSSPs and prepare a proposal for a base Roadian SABS at Maweishan, China.
- Prepare and vote on the proposal for the Kungurian-base GSSP at Rockland section of Nevada, USA.
- Support the activity of the working groups on correlation of marine and continental Carboniferous-Permian transition and correlation of Gondwana to Euramerican sections.
- Organize several webinars and hold a face-to-face meeting at the ICCP in Toulouse, France.
- Publish two issues of *Permophiles*.

3. ACHIEVEMENTS IN 2025¹

3.1 Publications

List publications in 2025 that include research sponsored by *IUGS Funds* and where *IUGS* is acknowledged (insert rows if needed).

Paper	Authors and Journal info (year, volume, pages)	Link to pdf
1)		
2)		
3)		

3.2 Conferences/congresses/workshops

Provide information on all early-career researchers and postgraduate students who attended scientific conferences/ congresses/workshops and meetings related to the constituent group activities/fieldworks, using IUGS funds allocated for the year 2025 (insert more columns if more than one participant attended the same event, and insert more tables if more than one event was participated in)

Name of participants (insert rows if needed)	Name of participant 1	Name of participant 2	Name of participant 3
Gender			
Age			
Affiliation			
Country			
Name of event (conference/congresses/workshops, dedicated meetings, fieldworks.)	Geotolosa (conference), which included Devonian, Carboniferous and Permian subcommissions; 34 post-grads and early career researchers were supported and		

¹ until 30 Nov 2025. For December please indicate planned activities and respect the ceiling of granted funds for 2025.

	are listed in annual report of the International Commission on Stratigraphy as well as the annual report of the Carboniferous Subcommittee		
National/International	International		
Type of presentation if any (poster/oral presentation)	Poster and Oral		

3.3 Other results

List any relevant activity that was supported by funds allocated by IUGS

Nature of the activity	Conference - Geotolosa
Objective of the activity	Convened Permian session of ICCP and chaired SPS business meeting
Outcome	In the primary Permian session 14 oral and five poster presentations were delivered. Another 18 oral presentations and four posters on Permian themes were delivered in other sessions A new Editor for <i>Permophiles</i> was recruited from early career researchers at the conference. Every SPS working group gave an update at the business meeting.
National/International	International
Name of participant(s) (insert rows if needed)	Elizabeth Weldon
Gender	Female
Career status (early/mid/late)	Mid
Affiliation	Deakin University
Country	Australia

Nature of the activity	Fieldwork Apillapampa, Bolivia
Objective of the activity	To provide high resolution stratigraphy and biostratigraphy using multiple taxa of a key section for Gondwana to Euramerica correlation. Late arrival of 2025 funds are being used for deposits on 2026 fieldwork costs.
Outcome	Preliminary reports presented at the Paleontological Bolivian Congress and the Paleontological Argentinian Congress in 2025. Next field trip scheduled for 2026.
National/International	International
Name of participant(s) (insert rows if needed)	Mercedes di Pasquo/Gabriela Cisterna/Abner A. Calle Salcedo/Shirley López-Velásquez
Gender	Female/Female/Male/Female
Career status (early/mid/late)	Late/Late/postgrad student/Late

Affiliation	Laboratorio de Palinoestratigrafía y Paleobotánica, CICYTTP (CONICET-ER-UADER) and CONICET (Consejo Nacional de Investigaciones Científicas y Tecnológicas)/ Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Instituto Superior de Correlación Geológica (INSUGEO)/Universidad Mayor de San Andrés in La Paz, Bolivia
Country	Argentina/Argentina/Argentina/Bolivia

4. INTERACTIONS

4.1 Interaction with other IUGS constituent group(s)

Name of the IUGS Constituent Group(s)	type of interaction and which are the results (e.g., joint workshop/publication/session at international conferences, etc.)
Subcommission on Devonian Stratigraphy, Subcommission on Carboniferous Stratigraphy	Geotolosa (conference) included 20 th International Congress on the Carboniferous and Permian and the Variscan meeting. Business meetings for Devonian, Carboniferous and Permian subcommissions were held.

4.2 Interaction with other international organizations and/or projects outside IUGS

Name of the International Organizations and/or Projects	type of interaction and which are the results (e.g., joint workshop/publication/session at international conferences, etc..)

5. INCOME IN 2025

SUBVENTIONS	EURO
From IUGS	\$3500 USD
From other sources (specify the source and amount, insert rows if needed)	
Private (Chair SPS ICCP attendance)	\$2000 USD
TOTAL	\$5500USD

6. EXPENDITURES IN 2025

Provide a summary of the activities that were supported financially by the funds allocated by IUGS in 2025. Further detailed about the expenditures must be provided in the spreadsheet “Reported Expenditures” in IUGS Annual Report 2025 NAME OF THE Constituent Group.xls

Insert categories in new rows if necessary.

ACTIVITIES	USD/EURO
Conferences/congresses/workshops attended by members of the constituent group	\$1000 USD
Conferences/congresses/workshops attended by early-career researchers and postgraduate students	
Costs related to committee meetings/fieldworks of the of the constituent group	
Costs related to committee/fieldworks of the Constituent Group attended by early-career researchers and postgraduate students	\$2500 USD
Publications fees	
Dissemination/outreach/website	
Other costs (specify the type of costs)	
TOTAL EXPEDITURES	\$3500 USD

7. OBJECTIVES AND WORKPLANS FOR THE YEAR 2026

Objectives (maximum 100 words presented in bullet points)	<p>Finalise the last GSSP needed to complete the Permian component of the timescale.</p> <p>Foster a supportive environment for postgraduate students and ECRs to participate in Working Groups, publish and present their research on the Permian, and develop their leadership capacity.</p> <p>Disseminate information and promote discussion to enhance collaboration and new initiatives on the Permian.</p> <p>Ensure current GSSPs continue to be fit for purpose, and auxiliary markers and SABS are published for global correlation.</p>
Achievable Workplan (in bullet points; max 5 bullet points; more details can be provided in the annex)	<p>Vote on base-Kungurian GSSP</p> <p>Conduct field work at Apillapampa (Gondwana Euroamerican correlations WG).</p> <p>Publish two issues of <i>Permophiles</i>.</p> <p>Support Hold four webinars, including at least one presenter that is ECR and one M-LCR that are unable to attend STRATI.</p>

Planned conferences (in bullet points; more details can be provided in the annex)	STRATI 2026 – Permian session (including part funded ECR, and global south participants that were absent from ICCP) and SPS Business meeting
Planned publications on research to be supported by IUGS funds; more details can be provided in the annex)	Offer support to ECRs for publication costs.
Other activities in bullet points; more details can be provided in the annex)	Offer a seed grant for new ECR lead project with an international team.

8. BUDGETARY PROPOSALS FOR 2026

The budget proposal for activities supported by IUGS/ICS in 2026 must align with the work plans for that year.

Detailed Budget must be provided in the spreadsheet “Proposed Budget” in IUGS/ICS Annual Report 2025 NAME OF THE Constituent Group.xls Insert categories in new rows if needed.

ACTIVITIES	EURO/USD
Conferences/congresses/workshops to be attended by members of the constituent group	1700/2000
Conferences/congresses/workshops to be attended by early-career researchers and postgraduate students	3400/4000
Costs related to committee meetings/fieldworks of the constituent group	
Costs related to committee meetings//fieldworks of the constituent group to be attended by early-career researchers and postgraduate students	2150/2500
Publications fees	650/750
Dissemination/outreach/ website	215/250
Other costs (specify the type of costs)	
TOTAL REQUESTED BUDGET	Euro8115/USD\$9500

Annex:

1) DESCRIPTION (maximum 100 words)

Name of the Constituent Subcommittee	Permian Stratigraphy
Divisions (e.g., subcommittee/working groups)	Working Group on Gondwana-Euroamerican Correlations.
Aims and Objectives	<p>Fossils from the South American Apillapampa Section are being compared to the Sakmarian GSSP in Russia, India and West Texas for correlation.</p> <p>Submit the first manuscript of the Apillapampa Section (South America), with information from invertebrates, conodonts, and palynology. A preliminary report was presented at the Congress of Paleontology of Bolivia, and Congress of the Paleontological Association of Argentina.</p> <p>Conduct further field work at neighbouring sections to complement the work conducted at Apillapampa, providing maximum correlation opportunities with Euroamerica and other parts of Gondwana.</p>
Indicate, if possible, how your activities align with the goals of the United Nations Sustainable Development, see https://sdgs.un.org/goals	<p>SDG 5.5/10/17</p> <p>This WG is led by a woman from a developing country (according to UNESCO in the context of SDGs). SPS is offering financial support through IUGS funds to support the work of this group that also includes a majority of women, and a majority of representatives from the Global South.</p> <p>This WG enhances North-South and South-South and triangular regional and international cooperation on science and enhances knowledge sharing.</p>

Name of the Constituent Subcommittee	Permian Stratigraphy
Divisions (e.g., subcommittee/working groups)	Working Group on Base-Kungurian
Aims and Objectives	<p>To ratify the GSSP for the Kungurian Stage. This is the only stage that has not been ratified with a Global Stratotype Section and Point within the Permian System.</p> <p>The final report is being prepared for distribution and voting to take place. We</p>

	hope to have the voting completed in time to announce the GSSP at STRATI.
Indicate, if possible, how your activities align with the goals of the United Nations Sustainable Development, see https://sdgs.un.org/goals	<p>SDG 4/13/17</p> <p>GSSPs provide a global standard for geologic time, improving consistency in teaching Earth history. They support open scientific data and international collaboration, enhancing education and research capacity.</p> <p>Precise stratigraphic boundaries help reconstruct past climate changes, informing models for future climate scenarios. Understanding ancient carbon cycles and extinction events aids in predicting responses to current climate stressors. This is particularly important in the Permian when the climate changed from a cold polar climate (like we have today) to a much hotter climate with coinciding increase in extinction.</p> <p>Ratification involves global scientific cooperation through bodies like the ICS and IUGS.</p>

2) DIRECTORY OF OFFICERS 2025-2028

Please provide a summary of information on all officers and voting members of your subcommission and, if possible, your active working groups in the spreadsheet "Directory Officers" in IUGS Annual Report 2025 NAME OF THE Constituent Group.xls

Personal data are protected in accordance with the GDPR 2016/679 - European regulation on the protection of personal data.