

IAG Symposia Series

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The IAG Symposia Series is a book series of peer-reviewed proceedings of selected IAG Symposia organized by the International Association of Geodesy. It deals primarily with topics related to Geodesy as applied to the Earth Sciences and Engineering: terrestrial reference frame, Earth gravity field, geodynamics and Earth rotation, positioning and engineering applications. Volumes are available online at the Springer web site (<http://www.springer.com/series/1345>), since volume 101 (Global and Regional Geodynamics, 3-5 August 1989), published in 1990. Most recent volumes are also available from the Springer web site as e-Books.

1 Completed Volumes, Published during 2023-2025

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| Vol. 155 | Freymueller, Jeffrey T., Sánchez, Laura (Eds., 2024) X Hotine-Marussi Symposium on Mathematical Geodesy. Proceedings of the Symposium in Milan, Italy, June 13-17, 2022. DOI: https://doi.org/10.1007/978-3-031-55360-8 |
| Vol. 156 | Freymueller, Jeffrey T., Sánchez, Laura (Eds., 2024) Gravity, Positioning and Reference Frames (2024). Proceedings of the IAG Symposia - GGHS2022: Gravity, Geoid, and Height Systems 2022, Austin, TX, United States of America, September 12 – 14, 2022; IAG Commission 4: Positioning and Applications, Potsdam, Germany, September 5 – 8, 2022; REFAG2022: Reference Frames for Applications in Geosciences, Thessaloniki, Greece, October 17 – 20, 2022. DOI: https://doi.org/10.1007/978-3-031-63855-8 |
| Vol. 157 | Freymueller, Jeffrey T., Sánchez, Laura (Eds., 2025) Together Again for Geodesy. Proceedings of the General Assembly of the International Association of Geodesy, Berlin, Germany, 11-20 July, 2023. DOI: https://doi.org/10.1007/978-3-031-91167-5 |

2 Active Ongoing Volumes

Vol. 158 Freymueller, Jeffrey T., Sánchez, Laura (Eds., 2024) International Symposium on Gravity, Geoid and Height Systems 2024. Proceedings of the Joint IAG Commission 2, IGFS and GGOS Symposium - GGHS2024: Gravity, Geoid, and Height Systems 2024, Thessaloniki, Greece, September 4 – 6, 2024.

3 Editorial Process

Starting with the current active volume (GGHS2024), Springer has assigned us to use their METEOR editorial system instead of Editorial Manager. This has some advantages and disadvantages. The main advantage is that there is no ambiguity about which papers belong with which volume, when there are two or more in production. In the past, we simply had a submissions portal and anyone could submit. Now, each corresponding author will get a unique link to submit their paper. The main disadvantage is that METEOR is poorly-equipped to deal with real-world reviewers, who often do not respond to invitations. All reminders and reviewer changes must be done manually by Springer’s editorial assistant.

Other aspects of METEOR have been challenging, although this is mostly because we didn’t know the way the system worked and had to learn as we went along. Initially, Springer set up the volume with inappropriate default values, so it took extra work to have AEs assigned, and make it so that reviewers could be invited (when we first saw it, only the Editor-in-Chief and Assistant Editor-in-Chief could do reviews). We found that removing a reviewer had to be initiated manually. We also did not realize there were no automatic reminders (or even checks on whether reviewers had accepted), until months had passed from the initial invitations. I expect that future volumes will go more smoothly.

There is one further major process change: the new system requires us to define the contributions (“chapters”) at the time of the book proposal, which needs to be done either before the meeting or right afterward so that the submissions can be opened promptly. For GGHS2024, the organizers collected the names of those who intended to submit papers. A total of 33 people said they would submit, of which 22 submitted by the deadline. We did get a couple of late submissions. Until we have better statistics, it seems best to assume that about 2/3 of the authors who say they will submit actually will.

For the IAG 2025 in Rimini, we included text about this in the abstract acceptance, and used a Google Form to collect information. In the future, it might be worth asking at the time of abstract submission.

4 Cost Structure and Decisions About Whether to Publish Volumes

The IAG Symposia Series Volumes have been published open access for several years now. Once the volume is complete (including the contractual arrangements with the IAG), all individual papers are available for free download. A paper copy of the book can be ordered as print-on-demand. For the IAG Scientific Assembly and the IUGG General Assembly, all publication costs are covered by the IAG. For IAG-related symposia, the costs are shared between the symposia participants (via part of the registration fee, 50 EURO), and the IAG. In general, the funds collected from the participants will not be enough to cover the full cost of the fee, so the IAG Secretary-General needs to be involved in the decision of whether or not to have a published volume.

With the current contract with Springer, the cost structure is such that books up to 250 pages are all in the lowest cost category. Approximately 30 papers will fit into such a book, so almost all volumes for the smaller symposia will fit into this category. It doesn't make sense to publish a volume unless there will be at least 20 or so papers contributed. Smaller symposia (with substantially less than 100 participants) may generate too few paper and too little funding to support a volume. Recently, we have experimented with producing a combined volume for multiple meetings that were held close together in time. This has been successful, and we can consider the same model in the future.

Therefore, in coordination with the IAG SG, we developed a set of guidelines for IAG conveners, and these have been forwarded to the conveners of meetings planned for 2026. The actions to be taken are summarized in the table below.

Who?	What?	When?
Symposium Organizers	<ul style="list-style-type: none"> -Decide whether a Symposia Series volume should be done & inform Editors and Secretary General -Estimated number of papers for the proceedings -Estimated number of participants at the Symposium -Title of the volume (i.e. typically the name of the Symposium); 	During initial planning for Symposium (before opening the registration!)
	<ul style="list-style-type: none"> -Include 50 EUR per participant in the registration fee -Ask abstract authors if they are planning to submit a paper (there will be some uncertainty in their answers) 	During financial planning for the Symposium and preparing the registration process
	<ul style="list-style-type: none"> -Provide the following information to the Editors: -List of papers that are expected to be submitted, including the title, corresponding author, and corresponding author's email -Provide a list of sessions to help the Editors in the assignment of papers -Suggest a list of Associate Editors (and maybe some alternates), and the sessions for which they have expertise. If you expect 20 papers, it will be fine to have 4-6 AEs, so there doesn't need to be a one to one match between sessions and AEs, but it is best to have a reasonable balance in the number of papers handled. 	Before the Symposium starts; ideally one month in advance to get ready with Springer
	<ul style="list-style-type: none"> -Agree with the Editors on the time line (typically, a deadline for submissions is set to 2-3 months after the Symposium ends) 	Before the Symposium starts; ideally one month in advance to get ready with Springer

Who?	What?	When?
Symposium Organizers	<ul style="list-style-type: none"> -Provide the following information to the participants of the Symposium: -Presenters of both, talks and posters, are welcome to submit papers to the volume. -The papers should be based on the work presented at the symposium. Some improvement and refinement of the work is fine, but papers should not be entirely different from what was presented. -Time line: start and end of submissions -Details on submission procedure -Update the list of expected authors. 	During the Symposium, e.g. during the Closing Session
	Provide the following information to the Editors: <ul style="list-style-type: none"> -List of Email addresses for all participants. -Final list of papers with corresponding authors, highlighting any changes from the earlier list. -Each corresponding author will receive a unique link to submit their paper 	After the Symposium ended
	<ul style="list-style-type: none"> -Clarify with Secretary General the transfer of the money to IAG account (50 EUR per Participant) 	After the Symposium ended
Editors of Symposia Series	<ul style="list-style-type: none"> -Clarify with Springer to set up the book and the submission process Send details to the organizers so that they can announce to participants. 	Before the Symposium starts, so that the submission details can be announced during the Symposium
	<ul style="list-style-type: none"> -Check the invoice sent by Springer and inform the Secretary General if it is fine 	as soon as the invoice is sent by Springer
Secretary General	<ul style="list-style-type: none"> -Confer with the Editors on the final decision about whether a volume will be produced, based on the expected number of papers and participants. 	
	<ul style="list-style-type: none"> -Clarify with Symposium organizers the transfer of the money to IAG account (50 EUR per Participant) 	After the Symposium ended
	<ul style="list-style-type: none"> -Sign the contract from Springer for the volume of IAG Symposia Series 	as soon as the volume is ready to be produced
Secretary General	<ul style="list-style-type: none"> -Arrange the payments with Springer 	as soon as the volume has finished and the invoice is checked by the Editors
SG / COB / Secretariat	<ul style="list-style-type: none"> -Announce the volume of IAG Symposia Series in IAG Newsletter / IAG website 	as soon as the volume is finished