

WALLABY Publication Policy

Lister Staveley-Smith, Bärbel Koribalski, Paolo Serra, Tobias Westmeier, Ivy Wong, Kristine Spekkens, Bi-Qing For, Barbara Catinella, Chandrashekar Murugesan

Ver.	Date	Changes	Authors
0.1	12/11/2012	Initial draft	LSS
0.2	22/09/2015	Update for Early Science	LSS
0.3	05/10/2015	Proprietary->pre-release; builders list	TW, PS
0.4	15/02/2016	Added PS as author list	LSS
0.5	14/12/2018	Pilot survey included; updated background	LSS, TW
0.5.1	21/01/2018	Typos	LSS
1.0	05/11/2019	Minor edits; builder opt-in; coordinated abstracts	LSS
1.1	02/12/2019	Co-authorship request to PS; disputes handled by MT; paper title requirements added; spelling and grammar corrections	TW
1.2	19/03/2020	Added builders list timing; removed background section; rearranged section on journal papers; a few minor edits	TW, KS
1.3	06/08/2020	Relabelled Eridanus as “pre-pilot”; added dissertations and overview paper	TW
1.3.1	12/04/2021	Added publication checklist in Appendix A	TW
1.4	14/09/2021	Revision of paper title requirements	TW
1.4.1	29/11/2021	Minor rewording of checklist	TW
1.5	30/08/2023	Reference to new project policy; explicit PI approval before submission; some more rewording throughout the document	BQF, TW, BC, LSS, CM
1.6	19/02/2024	Added section 3.5 on preprint server policy	TW
1.7	29/08/2024	Changed requirement of explicit approval by management team	TW
1.8	11/03/2026	Updated references in publication checklist and several outdated URLs	TW
1.8.1	25/08/2026	Updated several outdated links	TW

1. Scope

This policy covers the publication of scientific data, algorithms, technical issues, software and system descriptions, as well as presentations, web articles, media releases and all other publications relating to, or utilising, **pre-release WALLABY data**, or which commence during the pre-release period, or which leverage knowledge gleaned during the pre-release period. This policy will be reviewed from time to time. Publication matters not explicitly covered here should be referred to the PI(s).

2. Publication Proposals

In order to maximise coordination of effort, all proposals for major research activity leading to a publication need to be discussed by the team and approved by the PI(s) with guidance from the relevant working group chairs. Publication proposals must be submitted to the PI(s) in accordance with the [WALLABY Project Policy](#), and a list of [approved proposals](#) will be maintained on the WALLABY website.

3. Publications

3.1 General

Where practical, all WALLABY publications should include a reference to the main WALLABY survey description paper (Koribalski et al. 2020) and relevant data release papers (Westmeier et al. 2022; Deg et al. 2022). All papers will also need to follow the ASKAP Publication Policy (Reynolds 2018). This includes a reference to the appropriate ASKAP system description paper and extensive acknowledgements.

3.2 Refereed Journal Papers

- 1) The title of refereed journal papers should start with 'WALLABY' followed by a colon (:) and the actual title of the work to be published. At the lead author's request this requirement can be waived by the PI(s) in cases where the WALLABY data are not the primary focus of the paper.
- 2) Refereed journal papers are required to include the relevant WALLABY builders list that exists at the point in time at which the internal paper proposal is accepted or at which the data used in the paper are made available to the team, whichever occurs later. The builders list includes builders, designers and scientists. It is a subset of the list of WALLABY team members and includes those that have contributed to the technical and scientific development of WALLABY, including proposal preparation, survey planning, survey execution, software tools, data reduction, quality control and data flow management.
- 3) The WALLABY builders list will be maintained by the WALLABY management team and will be available on the internal WALLABY website.¹ It is expected that individuals will join and leave this list at regular intervals throughout WALLABY. The management team will normally be responsible for inviting new membership and expiring old membership. However, direct application to the PI(s) will also be considered on a case-by-case basis.
- 4) WALLABY builders are required to opt in to each paper. That is, they are required to explicitly state their desire to be a co-author (this being a normal journal requirement).
- 5) The authorship list for WALLABY papers should begin with the lead author of the work, followed by the lead team, followed (in alphabetic order) by the WALLABY builders list. Lead authors are normally required to be WALLABY team members. However, in cases where the WALLABY data is likely to be a minor part of the paper and the paper is to be led by a non-WALLABY team member, approval for the inclusion of pre-release WALLABY data should be sought from the PI. Co-authorship is not automatically granted by joining the proposed project even at the early stage, but must be warranted by active contributions to the paper in accordance with the [Australian Code for the Responsible Conduct of Research \(2018\)](#). Judgement of the contribution is at the discretion of the lead author (or their supervisor in the case of students).
- 6) Draft papers shall be circulated to the co-authors and the relevant builders list, allowing two weeks for comments. A copy should also be sent to the entire WALLABY team for reference. WALLABY team members who are not on the builders list may request co-authorship by writing to both the lead author and the WALLABY Project Scientist, citing reasons for co-authorship. Such reasons must be substantial; simply providing comments on the paper draft does not warrant co-authorship.

¹ Current builders list available on team wiki: <https://wallaby.wiki.org.au/en/home>

- 7) The modified draft paper shall then be circulated to the authorship team for final review a week prior to submission.
- 8) The explicit consent of all co-authors must be sought before a draft paper can be submitted to the journal. The official online WALLABY authorship agreement form should be used for this purpose. A copy of the form will be provided by the WALLABY Project Manager at the request of the lead author.
- 9) Explicit written approval from the WALLABY management team before final submission of the paper is required.
- 10) Any disputes will be adjudicated by the WALLABY management team.

3.3 Non-refereed Papers and Dissertations

Being impractical to include large numbers of co-authors, non-refereed papers which relate to approved research proposals are only required to include key authors. A WALLABY PI should be notified of any such publications.

Likewise, WALLABY student members can include the results of their approved research projects in their dissertation without requiring formal approval from a PI and without the need to include other authors.

3.4 Other Communications

Major announcements at conferences or meetings, articles for newspapers and the web, and all media releases need to be approved by the PI(s). Approval for normal conference presentations is not required. For major meetings, the management team will facilitate a coordinated submission of abstracts and, where appropriate, identify a WALLABY overview speaker.

3.5 Preprint Server

After acceptance of a WALLABY paper for publication, the authors are encouraged to upload a copy of their paper to a preprint server such as arXiv.² In some circumstances it may be beneficial to upload a paper to the preprint server while the paper is still undergoing peer review. Explicit approval from the PI(s) must be sought before uploading a paper to a preprint server that has not yet been accepted for publication.

4. Pre-survey Publications

4.1 No ASKAP Data

Proposed publications which do not contain ASKAP or BETA data, but which refer to the scientific or technical capabilities of the WALLABY survey, should be forwarded to the PI for approval. In general, papers for which WALLABY is not the major theme do not need to include WALLABY team members. However, refereed papers which are focussed on WALLABY (for example simulations and pipeline descriptions) will be expected to include the PI(s) and relevant members of the technical and science working groups.

² <https://arxiv.org/>

4.2 ASKAP Commissioning

WALLABY papers³ which include ASKAP data gathered outside the normal ATNF Time Assignment process (e.g. ASKAP commissioning or BETA data) are required to adhere to the policy outlined in Section 2. Papers which are only partly related to WALLABY should be discussed with the WALLABY PI beforehand. Such papers will normally only need to include those WALLABY team members who have been directly involved in the research. In each case, certain papers (Key ASKAP Publications) will need to include the ASKAP Builders list and follow the ASKAP Key Publications review procedure (Reynolds 2018).

4.3 ASKAP Early Science, Pre-Pilot and Pilot Surveys

WALLABY was allocated observing time for early-science, pre-pilot and pilot observations with the aim to execute the WALLABY survey in specific regions for a limited and specific set of science goals at the same time as undertaking technical verification. Such papers are therefore treated in the same way as main survey papers and should follow the guidelines in Sections 2 and 3 above. Again, certain papers (including Key ASKAP Publications) will need to include the ASKAP Builders list and follow the ASKAP Key Publications review procedure (Reynolds 2018).

The title of **early science** papers should start with “WALLABY Early Science” followed by a colon (:) or dash (–) and the actual title of the work to be published. An optional Roman numbering scheme can be used to number papers in chronological order of publication. Likewise, the title of **pre-pilot** and **pilot survey** papers should begin with “WALLABY (Pre-)Pilot Survey” followed by a colon (:) and the actual title of the work to be published. Pre-pilot and pilot survey papers shall not be numbered. These title requirements can be waived by the PI(s) at the lead author’s request in cases where the WALLABY data are not the primary focus of the paper.

5. Acknowledgements

Please see the ASKAP Publications Policy (Reynolds 2018) for the current requirements regarding [ASKAP acknowledgements](#). The wording of acknowledgements may vary from time-to-time and for that reason is not reproduced here.

6. References

- *WALLABY Pilot Survey: Public release of HI kinematic models for more than 100 galaxies from phase 1 of ASKAP pilot observations*
Deg, N., Spekkens, K., Westmeier, T., et al., 2022, PASA, 39, e059
<https://ui.adsabs.harvard.edu/abs/2022PASA...39...59D/>
- *WALLABY – an SKA Pathfinder HI survey*
Koribalski, B. S., Staveley-Smith, L., Westmeier, T., et al., 2020, Ap&SS, 365, 118
<https://ui.adsabs.harvard.edu/abs/2020Ap&SS.365..118K/>
- *WALLABY Pilot Survey: Public data release of ~1800 HI sources and high-resolution cut-outs from Pilot Survey Phase 2*
Murugesan, C., Deg, N., Westmeier, T., et al., 2024, PASA, 41, e088
<https://ui.adsabs.harvard.edu/abs/2024PASA...41...88M/>

³ In the context of commissioning, a “WALLABY paper” is a paper led by a WALLABY team member with the aim of achieving WALLABY science goals or developing capability to execute the main WALLABY survey.

- *ASKAP Publications Policy*
Reynolds, J., 2024, ASKAP Publications Policy
https://www.atnf.csiro.au/facilities/askap/policy/ASKAP_Publication_Policy.pdf
- *WALLABY pilot survey: Public release of HI data for almost 600 galaxies from phase 1 of ASKAP pilot observations*
Westmeier, T., Deg, N., Spekkens, K., et al., 2022, PASA, 39, e058
<https://ui.adsabs.harvard.edu/abs/2022PASA...39...58W/>

Appendix A. WALLABY Publication Checklist

This publication checklist is intended to provide guidance for the preparation and submission of **peer-reviewed WALLABY papers** in accordance with this version of the WALLABY publication policy. In each phase, all of the boxes must be ticked off before moving on to the next phase.

Phase 1: Preparation of paper draft	☐ Lead author is a WALLABY team member. ☐ People who have directly contributed to the work (lead team) are listed as co-authors. ☐ Title starts with "WALLABY:" or "WALLABY Early Science:" or "WALLABY (Pre-)Pilot Survey:", as appropriate (unless exemption sought). ☐ Reference to WALLABY overview paper (Koribalski et al. 2020) included. ☐ References to WALLABY data release papers included if applicable (Westmeier et al. 2022 ; Deg et al. 2022 ; Murugesan et al. 2024). ☐ Paper adheres to WALLABY Data Policy , ASKAP publication policy and contains all necessary acknowledgements .
... min. 2 weeks ...	
Phase 2: Circulation of paper draft	☐ Contact WALLABY project manager (tobias.westmeier@uwa.edu.au) to request an authorship sign-up form to be set up for your paper. ☐ Send a copy of the paper draft to co-authors and the entire WALLABY team with a deadline of 2 weeks for comments. ⁴ ☐ Send the link to the authorship sign-up form to all co-authors and the relevant builders list to allow builders to opt in for co-authorship.
... min. 1 week ...	
Phase 3: Preparation of final paper	☐ Prepare final version of the paper taking into consideration all comments and feedback received. ☐ Authorship list starts with lead author followed by lead team followed by (in alphabetical order) opted-in builders . ☐ Circulate the final version of the paper to the entire authorship list with a deadline of 1 week for final comments.
... min. 1 week ...	
Phase 4: Submission of final paper	☐ Update the final version of the paper with any additional comments received. ☐ Send the final version to the management team (project manager: tobias.westmeier@uwa.edu.au) for approval before submission. ☐ Once approved, submit the final version to the journal. Send a copy to the co-authors as a record.

⁴ WALLABY team members who are not on the builders list may request co-authorship by writing to both the lead author and the WALLABY Project Scientist, citing reasons for co-authorship. Such reasons must be substantial; simply providing comments on the paper draft does not warrant co-authorship.