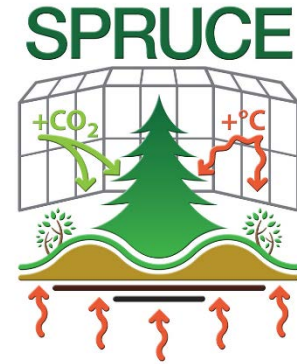


SPRUCE Project

Authorship & Acknowledgement Guidance



Presented at the 2016 SPRUCE All-hands Meeting

Authorship

- The lead author has final say on authorship, but some judgment is required and consultation with others is desirable
- Inclusion is recommended over exclusion
- Authorship responsibility includes full participation in the preparation of and agreement on the content of the manuscript

Acknowledgements

- Please acknowledge direct field, lab, data and editorial support
- Be inclusive
- Where data have been published in manuscripts or data sets (DOI identified) you must ensure that those citations are used appropriately

Science Community

Authorship & Acknowledgement Guidance

ESA Authorship Guidelines

1. Researchers will claim authorship of a paper only if they have made a substantial contribution. Authorship may legitimately be claimed if researchers
 - A. conceived the ideas or experimental design;
 - B. participated actively in execution of the study;
 - C. analyzed and interpreted the data; or
 - D. wrote the manuscript.

See items 2 -10 at <http://www.esa.org/esa/about/governance/esa-code-of-ethics>

Frontiers in Ecology and the Environment (Weltzin et al., 2006)

1. Early and ongoing communication about authorship among participants is very helpful when conducting collaborative research
2. A byline statement, published with the paper or online, summarizing the contributions of each author may be helpful to clarify who did what if allowed by the journal
3. Accountability and responsibility for the quality of the product are important considerations, and all authors should agree with the message of the papers that they co-author.

Weltzin, J. F., Belote, R. T., Williams, L. T., Keller, J. K. and Engel, E. C. (2006), **Authorship in ecology: attribution, accountability, and responsibility**. *Frontiers in Ecology and the Environment*, 4: 435–441. doi:10.1890/1540-9295(2006)4[435:AIEAAA]2.0.CO;2

Science (2001)

- Authorship criteria: writing, idea development, funding, data gathering, person who's unpublished data is used...

<http://www.sciencemag.org/careers/2001/03/ethics-authorship-feature-overview-how-should-authorship-be-decided>

UT-Battelle – USDA FS 2009 MOU Language

Experiment Data Policy and Authorship

- Data sharing policies will be consistent with related DOE programs (e.g., <https://science.energy.gov/funding-opportunities/digital-data-management/>). Open sharing of all research data is critical to advancing the program's mission and the philosophy of the SPRUCE experimental research group will be to actively archive and document experimental data sets, and make them available for immediate use within the experimental working group, and to the broader research community within 1 year of their publication.
- Specific terms of the SPRUCE experiment data sharing policy are as follows:
 - Following publication of research results, a copy of underlying data and a clear description of the method(s) of data analysis must be provided to any requester in a timely way.
 - Following publication of modeling methods or results, a copy of model code, parameter values, and/or any input dataset(s) must be provided to any requester in a timely way, and recognition of program data sources, either through co-authorship or acknowledgments within publications and presentations, is required.