AMS Technical Editors (TE)

- AMS TEs provide a layer of editing that is not common in scientific journals
- AMS TEs provide a level of quality that is highly respected among our authors and readers
About AMS TEs

- 10 TEs: 1 Managing TE (reports to director), 7 Full-time, 2 Part-time
- Each journal has a lead TE
- 8 in Boston office, 1 in Ohio USA, 1 in Germany (database and e-mail are online; software is on local machines)
Background and Qualifications

- Masters Degree or Ph.D. in atmospheric, oceanic, or related sciences
- Former academic, private-sector, and government researchers with publications

This training and experience lets the TEs serve as liaison between the scientific and publishing communities
Advocate for Two Communities

- Publisher: style, layout/appearance, quality, and metadata needs
- Author/Researcher: desire to preserve content, meaning, & clarity
- AMS TEs use e-mail, phone, and author queries to communicate with authors and address concerns
AMS TEs Ensure Technical Quality

- At manuscript and proof stage, the TE reviews all style and grammar copy edits.
- This step ensures retention of scientific meaning (copy editor may not understand jargon or vocabulary).

Example: “The primary purpose of this work is to provide a way to estimate particle size and, hence, IWP from remote sensing data that are more consistent with field measurements.”
AMS TEs Ensure Technical Quality

• The level of English in submitted papers from authors for whom it is not their native language must be good enough to allow peer reviewers to understand and assess the science.

• Once these papers are accepted, AMS TEs take pride in editing them carefully to further improve the language when necessary and to provide benefit to our authors.
AMS TEs Ensure Technical Quality

- Review equations and variables for style and clarity
- Make sure section headings and equation/table/figure numbers are sequential
- Make sure tables match AMS style but are understandable and retain meaning
AMS TEs Ensure Technical Quality

- Figure size (author cost vs legibility), resolution, and quality; correct spelling errors
- Make sure captions match figures
- Make sure caption is simple and in AMS style
- At proof stage, TEs review author additions, deletions, and changes to wording to protect the peer-review process.
- If changes are large, TEs work with author to understand why they are needed.
- If necessary, the peer-review editor will be contacted for further assessment.
AMS TEs Oversee Publication

- AMS TEs work with our press within our article-based work flow to make final corrections to the proofs, authorize final publication, and make sure the monthly print-issue covers are correct.
Summary

Multiple levels of rigorous editorial review by AMS copy editors and TEs, combined with an efficient work flow, have led to the short production times and high level of prestige that mark the suite of AMS journals.

非常感谢

Thank you very much!