Introduction

• Why are you here?
  – Develop and improve career-enhancing writing skills

• Why are we here?
  – To promote that development by increasing your understanding of how publishing with AMS works

• Overview of what/how/why of publishing with AMS
• How to best prepare your work
• What you can expect in publishing a paper
• Production time and costs
Overview: Types of Publications

• Books
• Monographs
• BAMS
  – Editor-in-chief reviews proposals for articles
  – Peer review process (similar to journals)
• Journals
## Overview: Journals

<table>
<thead>
<tr>
<th>Journal</th>
<th>ISI Rank</th>
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</thead>
<tbody>
<tr>
<td>Journal of the Atmospheric Sciences (JAS)</td>
<td>9</td>
</tr>
<tr>
<td>Journal of Climate (JCLI)</td>
<td>3</td>
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<tr>
<td>Monthly Weather Review (MWR)</td>
<td>13</td>
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<tr>
<td>Journal of Applied Meteorology (JAM)</td>
<td>18</td>
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<tr>
<td>Journal of Atmospheric and Oceanic Technology (JTECH)</td>
<td>23</td>
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<tr>
<td>Journal of Physical Oceanography (JPO)</td>
<td>30</td>
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<tr>
<td>Earth Interactions (EI)</td>
<td>N/A</td>
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<tr>
<td>Weather and Forecasting (WAF)</td>
<td>29</td>
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<tr>
<td>Journal of Hydrometeorology (JHM)</td>
<td>14</td>
</tr>
<tr>
<td>BAMS</td>
<td>2</td>
</tr>
</tbody>
</table>
Journal Manuscript Preparation

• Author’s Guide and Brief Author’s Guide available on Web
• Structure of manuscript (in this order)
  – Title, name and affiliation of each author, and dateline.
  – Abstract should be a concise summary (≤250 words) without the use of first person sentence structure and references.
  – Text should be divided into sections, each with a separate heading and numbered consecutively.
  – Acknowledgments
  – Appendix
  – References
  – Figure captions
  – Figures and tables
Journal Manuscript Preparation (general)

- Article length should be < 7500 words (26 double-spaced pages)
- All electronic submission, or five copies of text and two sets of original figures if hard copies
- All copy must be double-spaced on one side
- Font ≥ 12 pt. and line spacing < 3 lines inch⁻¹
- References arranged alphabetically without numbering
Journal Manuscript Preparation (figures)

- Must be cited in text and in order
- Best quality hard copies provided upon acceptance (even if digital copies available)
- EPS or TIFF electronic formats acceptable (usually requested by technical editor)
- Lower case labels for panels (at upper left)
- Submit at approximate size of published figure
Journal Manuscript Preparation (tables)

- Double-spaced and on separate sheet from text
- Must be cited in text and in order
- Must have title or caption
- Abbreviations ok only if already defined in text or caption
- Use lower case letters if more than two footnotes
- Use appropriate spacing instead of vertical lines
Journal Manuscript Preparation (style)

• Math
  – Avoid built-up fractions in text
  – Set variables correctly:
    • Scalars ⟹ italic (R)
    • Vectors ⟹ bold roman (R)
    • Matrices and linear operators ⟹ bold sans serif (R)
    • Nonlinear operators and special functions ⟹ script (R)
  – Display equations should be numbered
Journal Manuscript Preparation (style)

- Units should be SI with several exceptions that are acceptable (e.g., mb; see AG for list)
- For date and time use following form: 1620 UTC 11 May 2002. Other time zone designations are permitted (e.g., EST or LT).
- Latitude and longitude should appear in that order
Life of a Manuscript

- Submission of manuscript
- Assignment of identification number
- Passed to editor
Life of a Manuscript

• Peer review
  – Single blind
  – Accept as is (<1%)
  – Return for minor revisions (30%)
  – Return for major revisions (40%)
  – Reject/withdrawn (30%)
Life of a Manuscript

• Once officially accepted, sent to AMS HQ
• Assigned new id number (changing soon)
• Copy and technical editing
  – FTP color and grayscale figs.
• Sent to press for typesetting

Timeline (days)

AMS HQ → Copy editing (style, grammar, references) → Tech. editing (math, figure sizing, science content)
Life of a Manuscript

- Production and delivery of galley proofs from Allen Press
- Address editor queries and make corrections
- Issue scheduling and preparation

Timeline (days):
- Allen Press: 35
- Author: 70
- AMS: 115
- Final proofs
- Corrected proofs
- Issue

PDF
Production Time

- 150-day publishing goal
- 30-day editing goal

Average Median Production Time 1993-2002 (All Journals)
Costs and Charges

- Page charges: $125 per page
- Estimation of page charges:
  \[ \# \text{pp.} \approx \frac{1}{3}(\# \text{man. pp.}) + \frac{1}{3}(\# \text{fig. pp.}) + 1 \]
- Color charges (print): $750 for first piece, $550 for second piece, $250 for each additional piece
- Remakes of figures: $22 (b&w), $40-$154 (color)
- Author alterations on proofs
- Typical issue costs ~$12-20K to publish and mail
Final Message

• Now that you have a roadmap for how to publish with AMS, remember: the more care up front you take, the faster you’ll get the printed publication.
Ken Heideman  
Director of Publications  
AMS  
45 Beacon St.  
Boston, MA 02108  
(617) 227-2426 ext. 303  
kheideman@ametsoc.org

Mike Friedman  
Technical Editor/Journals Production Coordinator  
AMS  
45 Beacon St.  
Boston, MA 02108  
(617) 227-2426 ext. 255  
mfriedman@ametsoc.org