

2018 PUBLICATIONS COMMISSION REPORT¹

September 2, 2018

Robert M. Rauber, AMS Publications Commissioner

With contributions from the AMS Publications Team: Ken Heideman, Gwendolyn Whittaker, Sharon Kristovich, Mike Friedman, and Sarah Jane Shangraw

Table of Contents:

| | |
|--|----|
| Executive Summary | 2 |
| Introduction | 3 |
| PART I: PUBLICATIONS COMMISSION MAKEUP AND AWARDS | 3 |
| PART II: AMS PUBLICATIONS PERFORMANCE | 4 |
| 1. 2017 Editorial Operations and Submission Trends | 4 |
| 2. Editor Performance | 9 |
| 3. Production Time and Article-Based Workflow | 12 |
| 4. Published Pages | 13 |
| 5. AMS Books | 14 |
| 6. Journal Impact Factor Ratings | 15 |
| 7. Increased interest in open access | 16 |
| 8. International Scope of AMS journals | 17 |
| PART III ACTIONS AND ISSUES FROM PUBLICATIONS COMMISSION | 18 |
| 9. Request for Change in Membership of the PC and PSPC | 18 |
| 10. BAMS Task Force recommendation | 20 |
| 11. Recommendation for fate of Earth Interactions | 20 |
| 12. Final recommendation about AMS Journal of Atmospheric Chemistry and Aerosols | 20 |
| 13. Progress in increasing public access to the science in AMS journals | 23 |
| 14. Progress in diversifying the editor and reviewer pool | 23 |
| 15. Recommendation concerning Attribution statements about author contributions | 24 |
| 16. Recommendation about creating email notices about early on-line releases | 24 |
| 17. Progress related to the Special AMS Monograph for 100 year celebration | 25 |
| 18. Other issues addressed by the commission | 25 |
| Appendix A: Editorial Board | 27 |
| Appendix B: Editor Award Nominations | 38 |
| Appendix C: AMS 100 year monograph | 40 |
| Appendix D: Wade Crow CV | 42 |
| Appendix E: Example of an individual journal report-JAMC | 59 |
| Late Addendum: Request to change Terms of Reference for WAF | 63 |

¹ AMS Publications Reporting Manager Dr. Sharon Kristovich deserves special credit for programming EM/PM to generate tables and figures in this report.

EXECUTIVE SUMMARY

2018 PUBLICATIONS COMMISSION (PC) REPORT EXECUTIVE SUMMARY

This report provides highlights of the 2017 publication activities for AMS scholarly publications. The list of 2018 Editors for each journal is included as are anticipated changes for the 2019 Editorial Boards. The list of 2018 Editor's Award nominations are given.

Council action (yellow highlights) is required for an initial 3-year appointment for Wade Crow as the new Chief Editor of JHM. His CV is included as Appendix D. 2-year reappointments of David Kristovich as Chief Editor (CE) of JAMC, William Emery and Luca Baldini as Co-CEs of JTECH, David Schultz as CE of MWR, Jerome Smith as the CE of JPO, and Vanda Grubišić as an at-large member are also requested. Council action is also requested to approve changes to PC membership and changes to Publications Strategic Planning Committee membership. Finally, Council Action is requested to revise the Terms of Reference for WAF.

A total of 3317 manuscripts of all types (including BAMS proposals) were received by the 11 AMS scholarly journals in 2017, a decrease of 3.9% from the submissions in 2016. Possible reasons for the decline are discussed in the report. The average time to first editorial decision was 58.7 days, 11.3 days below the PC goal of 70 days. This is the fourth year the PC conducted an extensive statistical study of this statistic. The results for 2017 are summarized in Table 1 and Figs. 4 and 5 of this report. Author success has maintained a near-constant 62%. Average production time has decreased from a high of 269 days in January of 2008 to 60 days in April 2018. In 2017, the number of published pages was 35,417, an all-time record. A total of 1929 articles were published in 2017. The full report gives a complete summary of journal statistics and rankings. Progress on the 100th Anniversary monograph is also discussed in the report.

This report summarizes issues and actions addressed by the PC. These include a request for Change in Membership of the PC and PSPC, a recommendation related to the BAMS Task Force, a recommendation for concerning the fate of our lowest performing journal, Earth Interactions, and a final recommendation about creating an AMS Journal of Atmospheric Chemistry and Aerosols. The report also describes PC progress in increasing public access to the science in AMS journals and diversifying the editor and reviewer pool. We also give PC current thinking concerning Attribution statements about author contributions and creating email notices about early on-line releases. Finally, the report ends with a summary of progress related to the Special AMS Monograph for 100 year celebration.

INTRODUCTION

This report provides highlights of the 2017 publication activities for AMS scholarly publications. The report is divided into three parts, (1) Publication Commission makeup and awards, (2) AMS Publications Performance and (3) Issues and Actions of the Commission. The list of 2018 editors for each journal is included and anticipated changes for the 2019 Editorial Boards are given. Also included is a list of 2018 Editor's Award nominations; the AMS Awards Oversight Committee has approved these nominations for Council consideration. Council action (yellow highlights) is required for initial 3-year appointments for Wade Crow as the new Chief Editor of JHM. His CV is included as Appendix C. 2-year reappointments of David Kristovich as Chief Editor (CE) of JAMC, William Emery and Luca Baldini as Co-CEs of JTECH, David Schultz as CE of MWR, Jerome Smith as the CE of JPO, and Vanda Grubišić as an at-large member are also requested. Council action is also requested to approve changes to PC membership and changes to Publications Strategic Planning Committee membership. Council Action is requested to revise the TOR for WAF. Considerations raised by the Council at previous meetings, and other issues raised by the commission are covered in detail in Part III.

PART I: PUBLICATIONS COMMISSION MAKEUP AND AWARDS

The AMS Publications Commission currently consists of the 13 Chief Editors, 1 Meteorological Monographs Chief Editor, the Chair of the BAMS Editorial Board, the Chief Editor of the *Glossary of Meteorology*, and three at-large members, all supported by AMS staff. AMS journals currently have 130 Chief Editors and Editors, including BAMS. Appendix A shows the current status of our Editorial Boards of all journals except BAMS. We have appointed new Editors across the journals to cover increasing workloads or specific disciplines. With the PRSA model, adding new Editors has minimal financial implications for the AMS but expedites the workflow for the editors.

The Commission seeks Council approval for appointment or re-appointment for the following Chief Editors:

| | | |
|-----------|------------------|---|
| JAMC | David Kristovich | 2-year extension to December 31, 2020 |
| JTECH | William Emery | 2-year extension to December 31, 2020 |
| JTECH | Luca Baldini | 2-year extension to December 31, 2020 |
| MWR | David Schultz | 2-year extension to December 31, 2020 |
| JPO | Jerome Smith | 2-year extension to December 31, 2020 |
| JHM | Wade Crow | Initial 3-year appointment to December 31, 2021 |
| AT LARGE* | Vanda Grubišić | 2-year extension to December 31, 2020 |

*If changes to PC membership are approved, Council will be asked to approve another at-large member in January 2019.

EDITOR AWARDS

The list of 2018 Publications Commission nominees for Editor's Awards is shown in Appendix B. The AOC has approved these nominations and recommended them to Council for approval.

¹Journal abbreviations are as follows: JAMC—*Journal of Applied Meteorology and Climatology*; JAS—*Journal of the Atmospheric Sciences*; JCLI—*Journal of Climate*; JHM—*Journal of Hydrometeorology*; JPO—*Journal of Physical Oceanography*; JTECH—*Journal of Atmospheric and Oceanographic Technology*; MWR—*Monthly Weather Review*; WAF—*Weather and Forecasting*; WCAS—*Weather, Climate, and Society*; BAMS—*Bulletin of the American Meteorological Society*; EI—*Earth Interactions*, GOM—*Glossary of Meteorology*

PART II: AMS PUBLICATIONS PERFORMANCE

1. 2017 Editorial Operations and Submission Trends

A summary of the 2017 publications submissions and editorial decisions is shown in Table 1. Table 2 shows the 2016–2017 change in each journal's submissions. Figure 1 is a plot of the number of submissions (including EI beginning 2014) from 2008 to 2017.

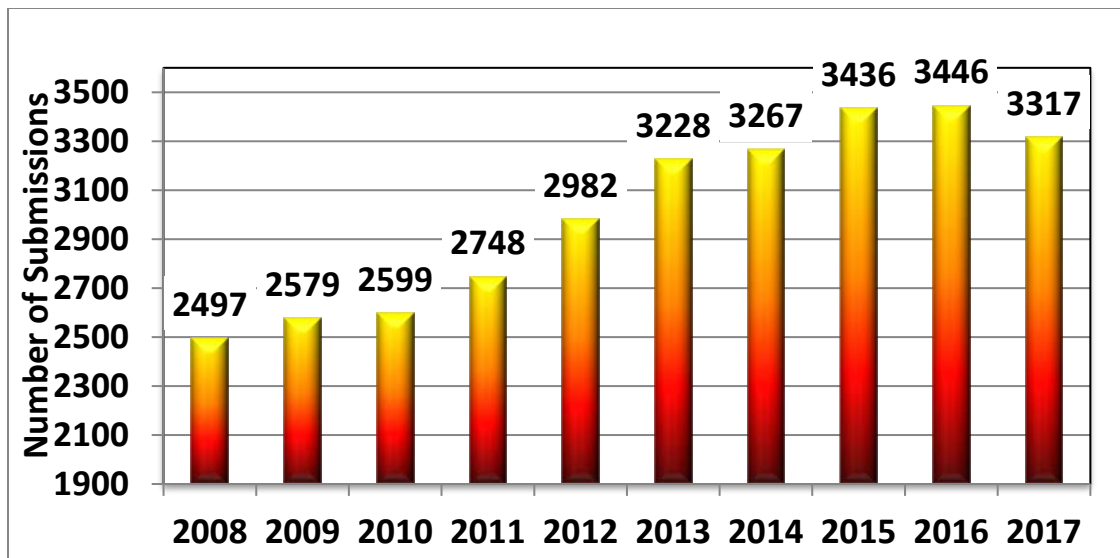
Table 1: Summary of submissions to AMS journals in 2017

| Journal | Submissions Received | Total Final Dispositions | Final Dispositions that were: | | | Initial Decisions that were: | | Average Days to: | |
|----------------|----------------------|--------------------------|-------------------------------|--------------|-------------|------------------------------|----------------|------------------|-------------------|
| | | | Accept | Reject | Withdrawn | Major Revision | Minor Revision | Initial Decision | Final Disposition |
| BAMS | 315 | 332 | 180 | 128 | 24 | 89 | 74 | 47.2 | 119.0 |
| EI | 34 | 23 | 15 | 6 | 2 | 13 | 4 | 91.7 | 241.2 |
| JAMC | 336 | 328 | 171 | 149 | 8 | 189 | 27 | 49.5 | 152.0 |
| JAS | 373 | 338 | 210 | 122 | 6 | 185 | 52 | 52.6 | 146.0 |
| JCLI | 854 | 809 | 550 | 240 | 19 | 533 | 82 | 65.1 | 185.7 |
| JHM | 224 | 254 | 151 | 95 | 8 | 132 | 38 | 56.9 | 148.5 |
| JPO | 262 | 247 | 162 | 83 | 2 | 125 | 54 | 55.9 | 153.0 |
| JTECH | 220 | 229 | 158 | 59 | 12 | 125 | 58 | 64.9 | 177.4 |
| MWR | 385 | 383 | 212 | 163 | 8 | 198 | 41 | 45.2 | 132.4 |
| WAF | 176 | 179 | 103 | 72 | 4 | 86 | 26 | 55.5 | 126.2 |
| WCAS | 138 | 128 | 62 | 61 | 5 | 59 | 14 | 86.5 | 180.0 |
| Total | 3317 | 3250 | 1974 | 1178 | 98 | 1734 | 470 | 57.2 | 156.0 |
| Percent | | | 60.7% | 36.2% | 3.0% | 53.4% | 14.5% | | |

The final disposition cohort excludes editorials, comments and replies as well as transferred manuscripts and manuscripts withdrawn before the review process begins.

Table 2: Difference between 2016 and 2017 for all Journals

| Journal | Submissions Received 2016 | Submissions Received 2017 | Difference 2017-2016 | % Change 2016-2017 |
|--------------|---------------------------|---------------------------|----------------------|--------------------|
| BAMS | 301 | 315 | 14 | 4.4% |
| EI | 20 | 34 | 14 | 41.2% |
| JAMC | 370 | 336 | -34 | -10.1% |
| JAS | 345 | 373 | 28 | 7.5% |
| JCLI | 856 | 854 | -2 | -.2% |
| JHM | 270 | 224 | -46 | -20.5% |
| JPO | 275 | 262 | -13 | -5.0% |
| JTECH | 226 | 220 | -6 | -2.7% |
| MWR | 452 | 385 | -67 | -17.4% |
| WAF | 206 | 176 | -30 | -17.0% |
| WCAS | 125 | 138 | 13 | 9.4% |
| Total | 3446 | 3317 | -129 | -3.9% |



*=EI included in totals beginning in 2014

Figure 1: Annual submission rate to AMS journals during the last decade.

A total of 3317 manuscripts of all types (including BAMS proposals) were received by the 11 AMS scholarly journals in 2017, a decrease from the 3436 submissions in 2016. Note that EI was not included prior to 2014. Declines in submissions occurred in 7 of the 11 journals. Only EI saw growth, although EI's total submissions was only 30 papers. Through April 2018, EI only received 6 submissions, so the bump has not been sustained. This is the first year in some time that significant declines occurred. The reasons are not obvious, but possible reasons include page charges, open access availability, time to publication, ISI ratings, and the proliferation of journals available to the scientific community. It is also possible that this is a one-year decline and not a trend. The commission will be watching the statistics carefully in the next year to assess whether this is a trend that requires action. Figure 2 shows that 1173 manuscripts, including BAMS proposals and EI submissions, arrived through April 2018. If this rate is maintained, we are on target for 3519 manuscripts, which would exceed our record year, 2016, by 73 manuscripts. This provides some evidence that the data in 2017 does not represent a trend.

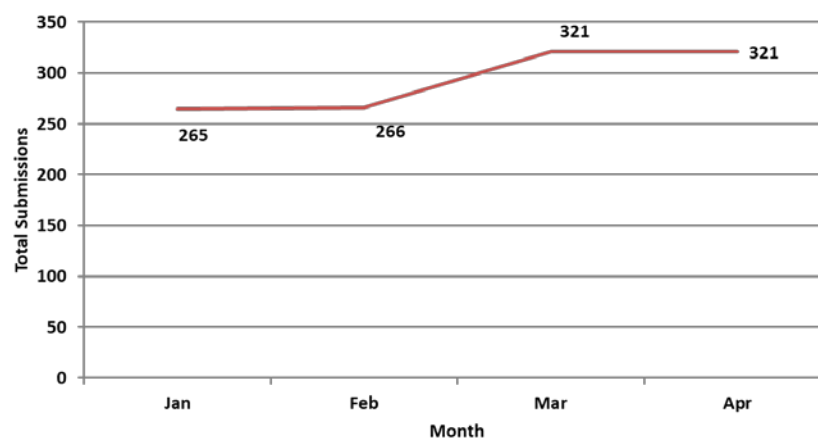


Fig. 2: Total submissions to AMS journals Jan through April 2018

Figure 3 provides a longer term historical view of the growth of submissions to AMS journals. The declines noted in 2017 are evident on the figure. Taken in the context of past years, the declines bring submissions

within the range of submissions in the past 4-5 years. The longer-term trend has been up, but the changes in 2017 deserve watching. Notable is WCAS, which has shown exceptional growth since the Council removed page charges to stimulate interest in the journal. EI, although having a rise in submissions, continues to be a poor performer in terms of total submissions. The Commission debated whether the journal should be continued, and a recommendation is given in Section 11 of this report.

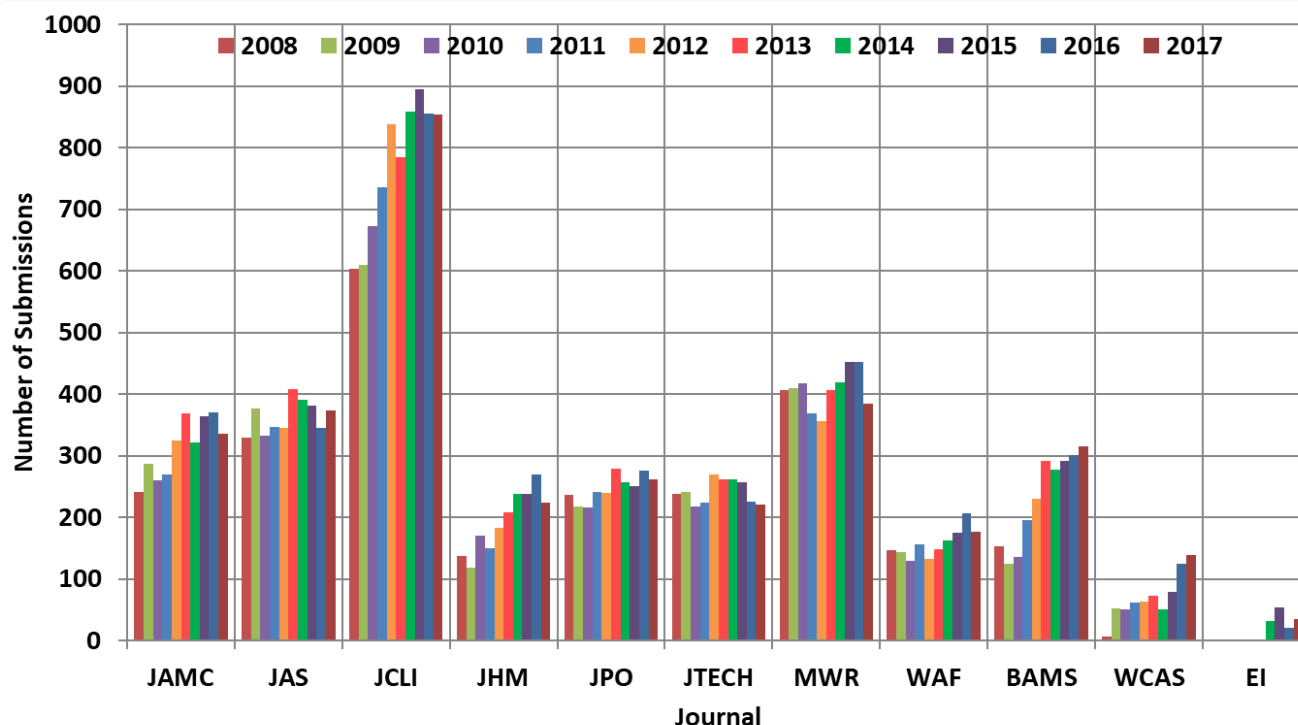


Figure 3: Submissions to AMS journals over the last 10 years

The time for first editorial decision can be seen in the column labeled “Average Days to Initial Decision” in Table 1. The 17-year evolution of this parameter can be visualized in Fig. 4. This is one important metric for editor performance. With continued emphasis within the Commission for improved author service, the time to first editorial decision has been decreasing since 2002 (from 110 days to under 60 days in 2017). For the sixth year in a row, we have reached our stated Commission goal of 70 days, and now have the lowest average in our history. In Table 1 and Fig. 5, we see that two journals (EI and WCAS) did not reach the 70-day goal; all others have surpassed the goal, with six journals under 60 days, and two of those under 50 days. Historically, WCAS and EI have had harder times finding reviewers. This is evident in Fig. 6, which shows the average time a manuscript spends in each step in the process between submission and receiving the results of the first review. WCAS and EI stand out as having long times with the handling editors before all reviewers are identified. EI also historically has longer times in technical check, suggesting authors are not familiar with AMS submission procedures. One factor not in EIs favor for statistical analysis is that this journal has a small number of submissions, so one paper can strongly influence the average. Nevertheless, this is a concern, which we explore further later in the report. For the fourth year, the PC examined the complete statistics of the time to initial decision to try to understand and control outliers. Figure 7 shows these statistics for all journals in 2016. Each Chief Editor is now supplied with a similar graph of their journal (see Appendix E). The Chiefs now examine histories of papers that lie on the tail of the distribution. Most have author-specific issues. However, if the delays are found to be a performance problem with a specific editor, that editor is notified. If performance is not improved, the editor is no longer assigned papers and is retired at the end of their term.

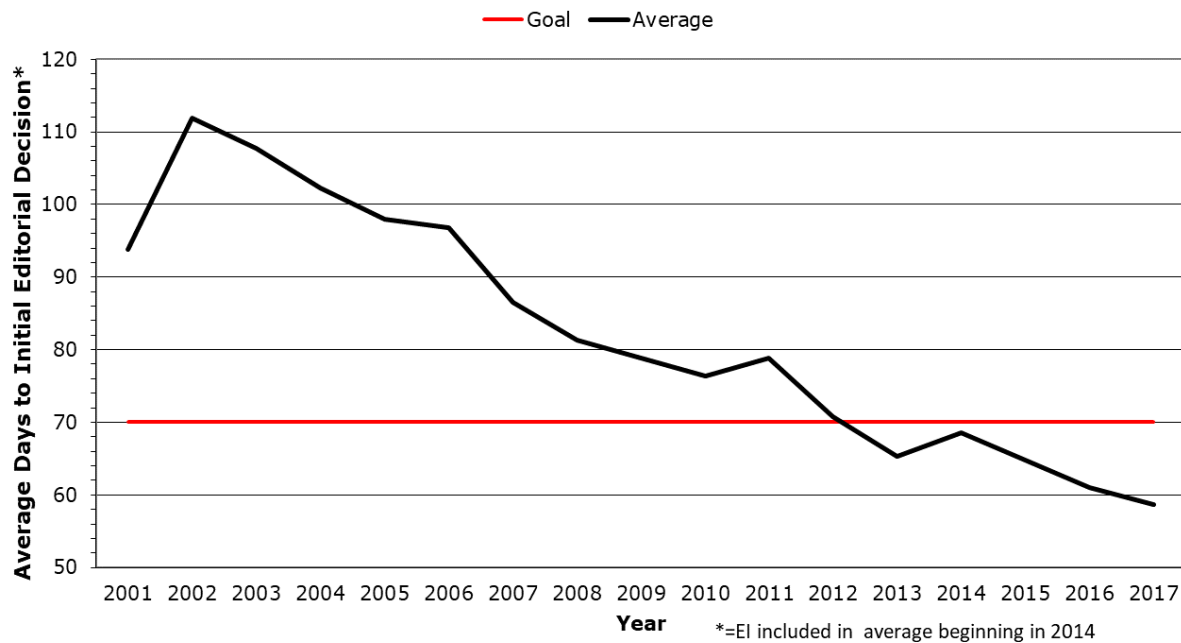


Figure 4: Time to initial decisions for all manuscripts submitted to AMS journals (including BAMS proposals)

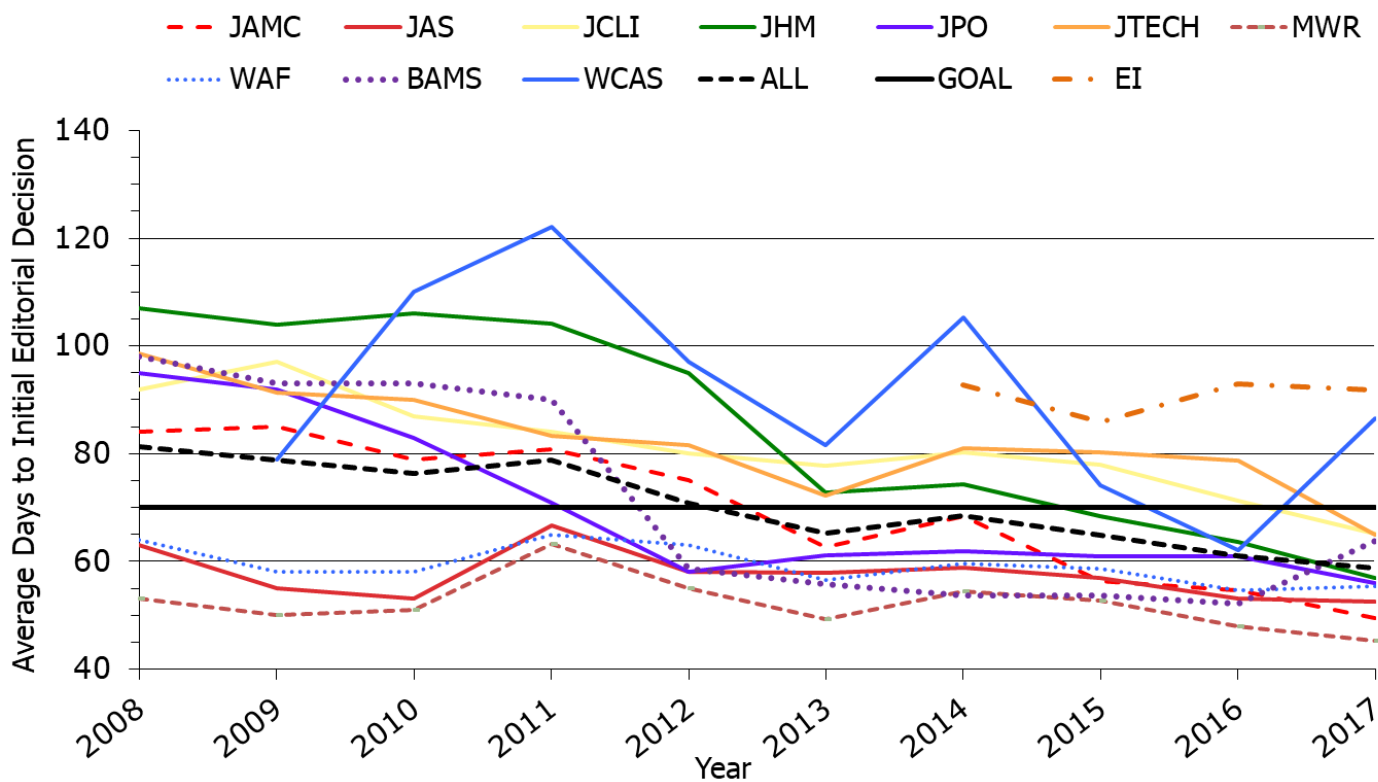


Figure 5: Time to initial decisions for manuscripts submitted for each journal

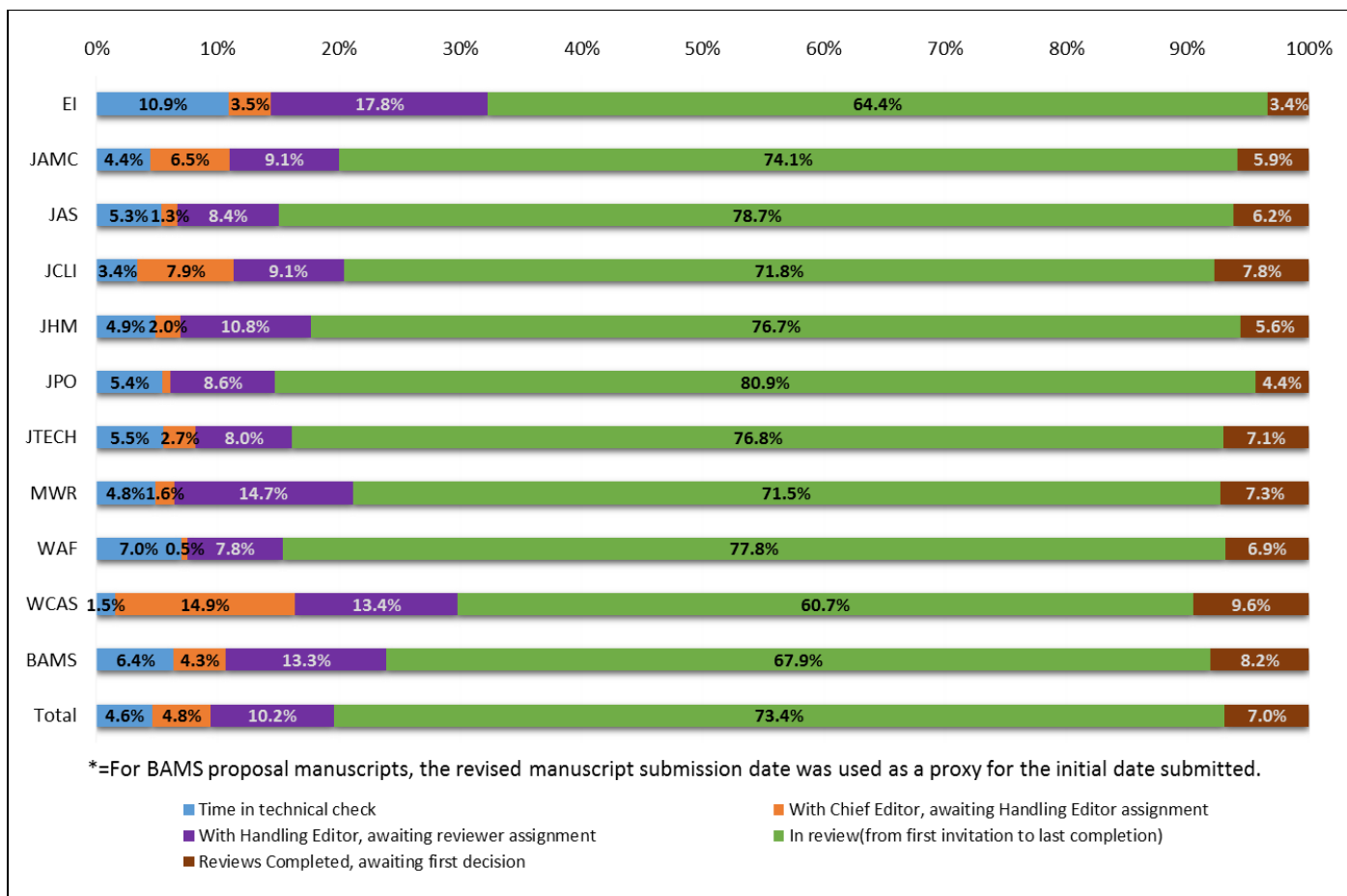


Figure 6: 2017 Percentage of time spent in tech check (qualification), with Chief Editor, with Editor, in review, and after review but before decision, as a percent of total time between initial submission date and first decision.

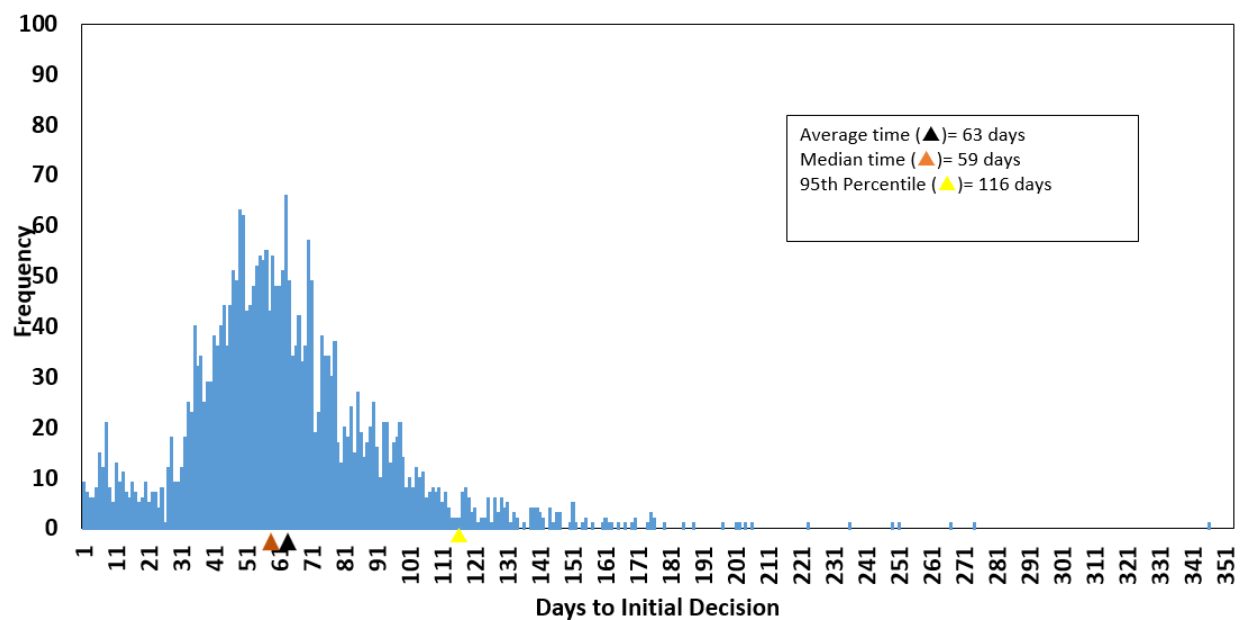


Figure 7: Full statistics on 2017 days to first decision for all AMS journals. Manuscripts rejected/withdrawn prior to peer review are excluded.

Author success rate (62.4%) has declined slightly over the last 7 years. Fig. 8 shows the rates of withdrawals and rejected manuscripts over the last 5 years. The percent withdrawal has declined slightly, but the percent of rejected manuscripts has increased slowly from 33 to 36%. There are likely a number of reasons for this increase in rejected manuscripts, such as an increase in submission from authors whose native language is not English, and better attention to plagiarism and self-similarity occurrences by the Chief Editors and Editors because of the use of Similarity Check/Ithenticate software.

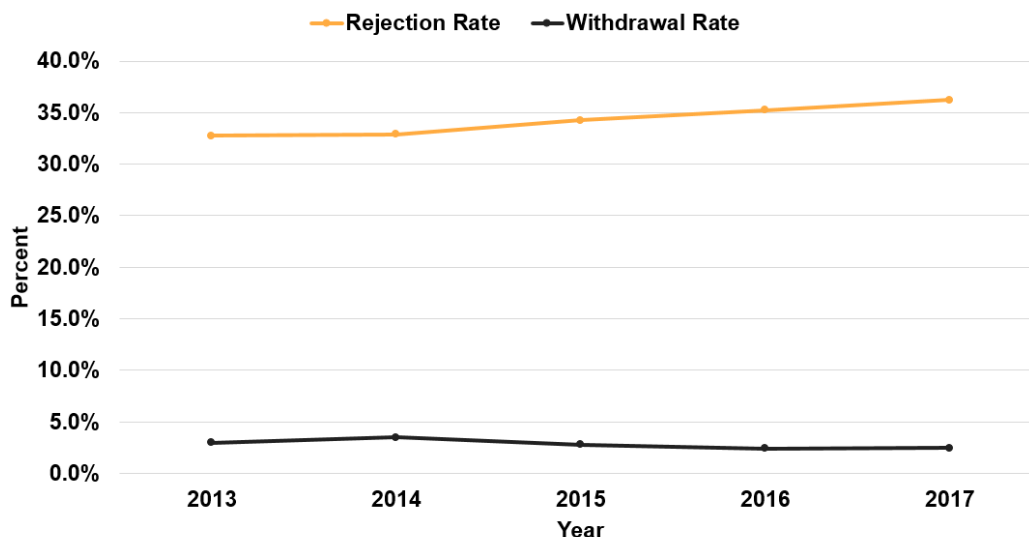


Figure 8: Five-year history of withdrawal and rejection rate for AMS Journals

2. Editor Performance

The AMS Editorial Board consists of 130 Chief Editors/Editors of scholarly journals including BAMS. The metric that the Publications Commission uses to gauge Editor Performance is based on the time to first editorial decision for a new manuscript. The top-performing Editors, in terms of quickest time to first editorial decision for manuscripts that were not rejected without review, are shown in Table 3. It is worth noting that the time to first decision is not all in the Editor's hands but involves several steps. Figure 6 summarizes these steps and the percent time spent in each step for each of the journals in 2017. We continue to look at ways to reduce time in each step of the process to continue to reduce the time from submission to first decision.

For the last two years, Chief Editors have been provided with performance data for all editors in tabular form to assist the Chiefs in determining if any editor, for whatever reason, has not been able to keep up with the workload associated with their assignments. These tables also let Chiefs know if any particular editor is overloaded with papers, for example, because the area of their expertise is currently a very active area of research. In this case, the Chief can petition the Commissioner to bring on an additional editor to share the workload and keep the number of manuscripts handled by any individual sustainable, particularly since editorial duties represent a volunteer activity that a person does outside of their regular employment. Appendix E shows an example of a Chief Editor report for JAMC for 2017.

*Table 3: Gold, silver, bronze star editors, and incredibly busy editors for 2017**



GOLD STAR EDITORS



| Journal | Editor | Ave. Days to Initial Decision | # Final Dispositions |
|---------|---------------------|-------------------------------|----------------------|
| BAMS | Richard Rosen | 27.7 | 12 |
| MWR | David Schultz | 28.5 | 43 |
| BAMS | Martin Hoerling | 30.9 | 25 |
| JAMC | David Kristovich | 31.3 | 90 |
| MWR | Ron McTaggart-Cowan | 36.0 | 32 |
| JAS | Walter Robinson | 36.3 | 40 |
| JCLI | John Chiang | 38.3 | 70 |
| WAF | Matthew Bunkers | 38.5 | 16 |



SILVER STAR EDITORS



| Journal | Editor | Ave. Days to Initial Decision | # Final Dispositions |
|---------|------------------|-------------------------------|----------------------|
| WAF | Zhaoxia Pu | 45.8 | 28 |
| JPO | Paola Cessi | 46.8 | 28 |
| JTECH | Luca Baldini | 47.0 | 42 |
| JPO | Ilker Fer | 47.5 | 19 |
| MWR | Russ Schumacher | 47.5 | 24 |
| MWR | Daniel Kirshbaum | 47.6 | 18 |
| JPO | Gregory Foltz | 48.2 | 25 |
| MWR | Pam Heinselman | 48.7 | 15 |
| JCLI | Oleg Saenko | 49.5 | 42 |
| MWR | Matthew Eastin | 49.8 | 30 |

* Manuscripts rejected without entering peer review were excluded from these averages.



BRONZE STAR EDITORS



| Journal | Editor | Ave. Days to Initial Decision | # Final Dispositions |
|---------|-------------------|-------------------------------|----------------------|
| JPO | Joseph LaCasce | 50.6 | 11 |
| BAMS | Tammy Weckwerth | 51.6 | 11 |
| MWR | Hugh Morrison | 51.8 | 13 |
| JCLI | James Screen | 52.3 | 25 |
| JCLI | Rong Zhang | 52.5 | 23 |
| MWR | Ryan Torn | 52.8 | 27 |
| MWR | Hilary Weller | 53.2 | 12 |
| MWR | Todd Lane | 54.3 | 15 |
| JHM | Faisal Hossain | 54.6 | 36 |
| JAS | Sukyoung Lee | 54.9 | 23 |
| JPO | Baylor Fox-Kemper | 54.9 | 19 |

Editors* that Handled 50 or More Papers in 2017

| Journal | Handling Editor Assigned for Peer Review/Final Disposition | Total Handled in 2017 |
|---------|--|-----------------------|
| JAMC | Qi Hu | 56 |
| JAS | Chun-Chieh Wu | 53 |
| JCLI | Mathew Barlow | 68 |
| JCLI | Matthew Collins | 63 |
| JCLI | Yi Deng | 59 |
| JCLI | Jason Evans | 55 |
| JCLI | Stephen Klein | 52 |
| JCLI | Tim Li | 70 |
| JCLI | Hisashi Nakamura | 58 |
| JCLI | Oleg Saenko | 61 |
| JCLI | Sharon Sessions | 65 |
| JCLI | Mingfang Ting | 80 |
| JCLI | Rong Zhang | 50 |
| JHM | L. Ruby Leung | 59 |
| JHM | Joe Turk | 51 |
| JHM | Andrew Wood | 54 |

*Chief Editors are excluded.

3. Production Time and Article-Based Workflow

Production time is defined in various ways by different publishers. For AMS journals, production time has traditionally been defined as the number of days between editor acceptance of a paper following peer review and the appearance of the final article online. The AMS publications staff processed 1926 accepted articles in 2017, including monograph contributions that now have a similar workflow to journals. With the "continuous publication", or article-based, workflow that has been in place since 2015, articles are posted online as they are ready. The overall average production time for 2018 through April (all journals) was 70 days (down from 74 days for 2017). The publications department is currently achieving their lowest production times ever for the journals, with ten individual journal issues in 2018 having production times of less than 60 days. Over the longer term, average production time has decreased from of a high of 269 days in January of 2008 to its April 2018 value of 60 days (Fig. 9). As Fig. 10 shows, this decrease occurred during a period when submissions to our journals increased substantially, a remarkable achievement.

Production of the final articles involves an automated pre-editing step (language and formatting standardization), copyediting, technical editing, typesetting, author review of proofs, AMS review of corrected proofs, assignment to an issue, and transfer of content to the printer and online host. So that authors' work can be disseminated as quickly as possible, the AMS began publishing Early Online Release (EOR) articles in 2010, a process by which the final accepted PDF of the manuscript is made available online and assigned a final digital object identifier (DOI). With the permission of the authors, the fully citable EOR is available online within 7 to 10 days of acceptance. Upon final publication, the EOR is taken down from the AMS web delivery system and replaced with the fully edited article. AMS production specialists continue to employ new technologies and ideas to streamline production workflows and increase efficiency, such as employing the Aries Systems ProduXion Manager® (PM) software (a companion to the Aries EM software used by editors and reviewers), and reducing the steps involved in the copyediting and technical editing processes. Reducing production time continues to be of paramount importance to AMS and its authors.

The PC in 2017 discussed whether EORs could be announced in emails to the readership in a similar way that issues are currently disseminated by email (this is in addition to the currently available new content alert system that individual readers can sign up for through the Journals Online website). The PC recommendation and action appears in Section 16 of the report.

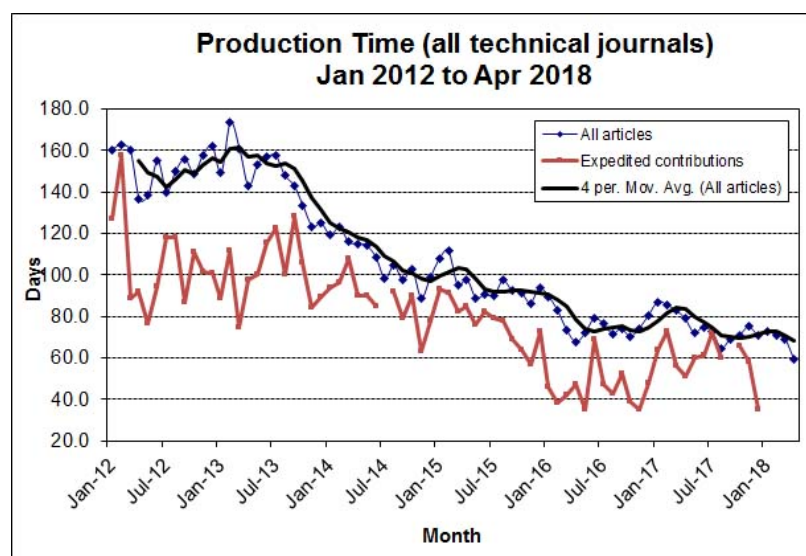


Figure 9: Production time for all technical journals and expedited contributions

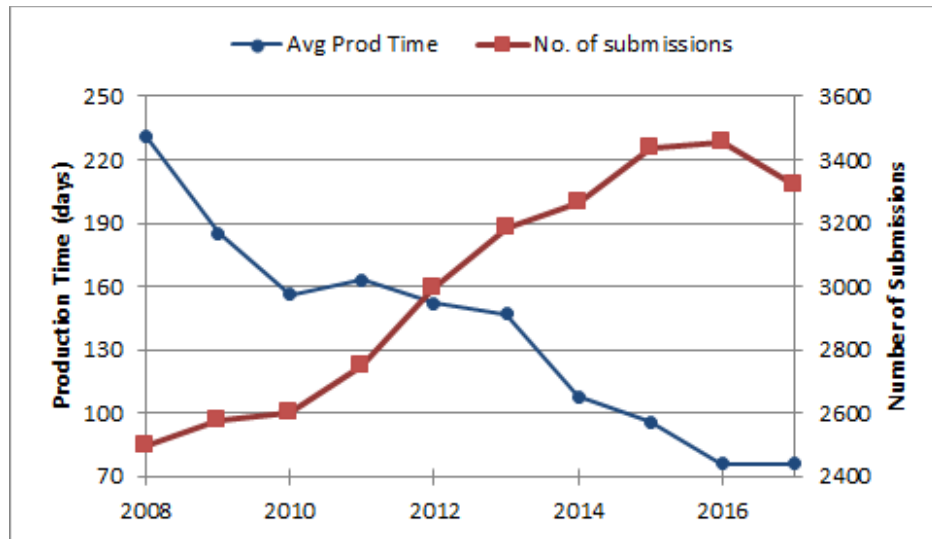


Figure 10: Production time versus number of submissions 2008–2017

4. Published Pages

Figure 11 shows the trend in published pages in AMS journals since 2008. In 2017, the number of pages published was 35,417, an all-time record. Figure 12 also shows the number of articles and average pages per article. The number of published articles, 1926, increased, while the length of articles decreased slightly to an average of about 17 pages. The decrease in the number of articles from the peak in 2014 reflects the reduction in the backlog due to faster production times, rather than a real decrease. We have more accepted papers every year, along with improved throughput.

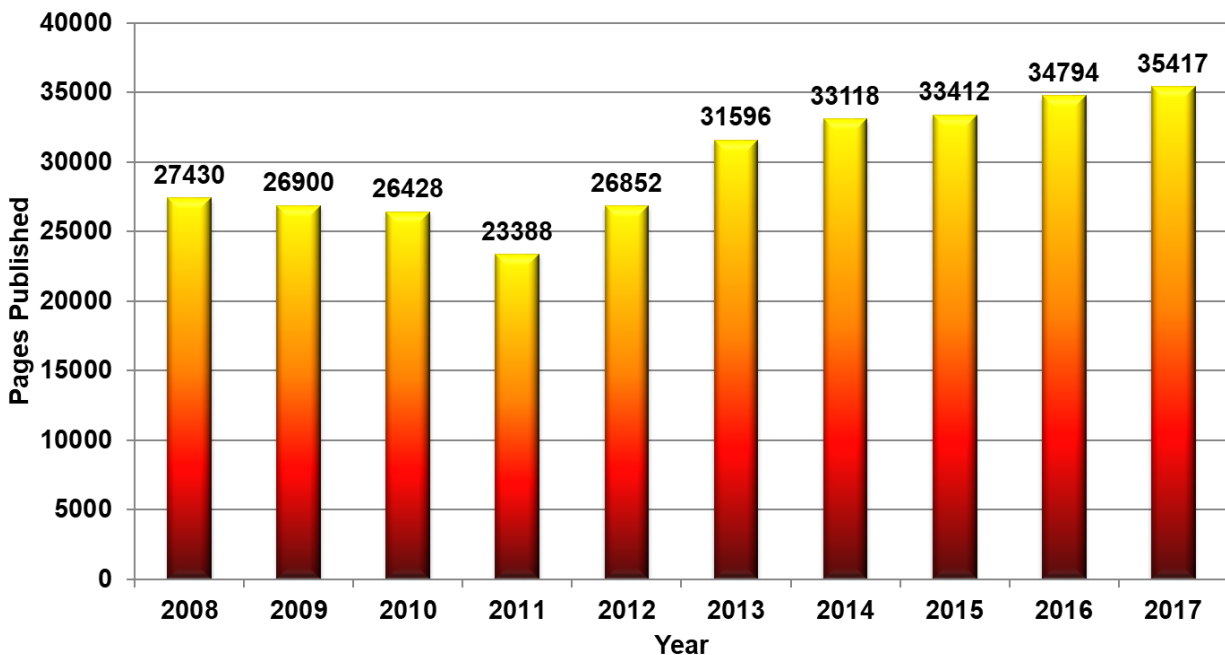


Figure 11: Trends in published pages in AMS journals since 2008

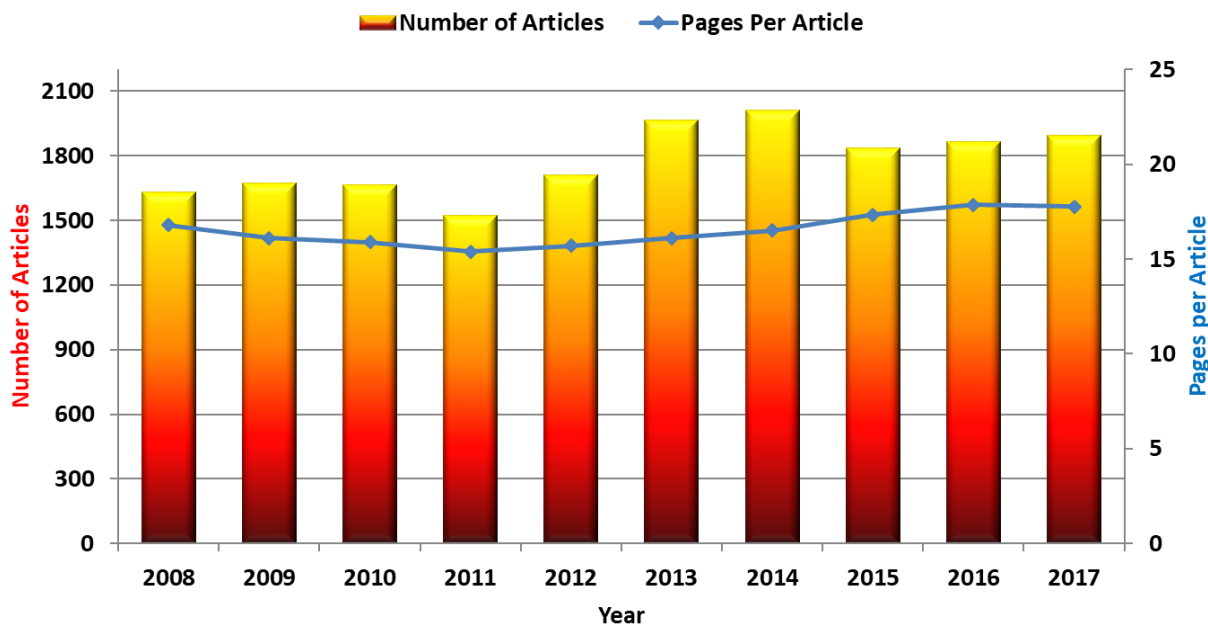


Figure 12: Trends in number of articles and pages per article in AMS journals since 2008

5. AMS Books (report from Sarah Jane Shangraw)

In 2017 AMS Books published a lab manual to complement an existing textbook and prepared two broader-market books for release at the 2018 Annual Meeting; significantly expanded acquisitions activity and filled the pipeline with projects appropriate for publication within or close to the centennial anniversary year, and put in place mechanisms to expand production capacity to match. Sarah Jane Shangraw, AMS Books Managing Editor, led the Publications Marketing Group (PMG) in investigating and implementing communications highlighting the value AMS staff and volunteers adds to publications, particularly for AMS Journals (scientific meeting exhibits, take-away materials, website messaging, etc.)

Sales and Distribution

In order to broadly disseminate scientific and historical information in book form to various audiences and audience levels, AMS continues to maintain strong relationships with its partners in electronic and print book distribution: University of Chicago Press (print and electronic marketing, sales, and distribution to retailers, institutions, and individuals), Springer Nature (electronic distribution to institutions and individuals), The Sheridan Group (AMS online bookstore vendor), and Publishers Shipping and Storage Company (AMS sales and distribution vendor).

Recent Releases

In fall 2017 AMS Books published *Synoptic-Dynamic Meteorology Lab Manual: Visual Exercises to Complement Midlatitude Synoptic Meteorology*, created by Gary Lackmann, Brian E. Mapes, and Kevin R. Tyle to address the challenges facing atmospheric science instructors in helping students link theoretical and mathematical concepts to the real atmosphere. When used in concert with Lackmann's textbook and the companion CD of lecture slides, it guides students in using contemporary observational and visualization techniques to provide in-depth understanding of fundamental concepts and serve as a catalyst for student-led innovation and application.

At the 2018 Annual Meeting AMS Books featured the biography *Verner Suomi: The Life and Work of the Founder of Satellite Meteorology*, written by a team of Suomi's associates led by John M. Lewis (National Severe Storms Laboratory and Desert Research Institute and University of Nevada–Reno) and organized by Jean M. Phillips (Space Science and Engineering Center, University of Wisconsin-Madison). Their work tells the story of Finnish-American educator, inventor, and scientist Verner Suomi. In 1959, he made possible the launch of Explorer VII, which measured the Earth's radiation budget, transformed forecasting, and set the foundation for today's NOAA GOES system. Drawing on personal letters and oral histories, this biography presents a complete picture of the well-rounded man who launched the field of satellite meteorology and in the process changed forever the way we understand and interact with the world around us.

In advance of the fall 2018 eightieth anniversary of the “surprise” storm that changed the coast and interior landscape of New England as well as Weather Bureau standards and practices, AMS Books released a second edition of *Taken by Storm, 1938: A Social and Meteorological History of the Great New England Hurricane* by Lourdes B. Avilés. The new edition includes a discussion and of the precipitation data gathered by the United States Geological Survey after the passage of the storm and published as part of a comprehensive report of hydrological observations that additionally include river levels, soil moisture, storm surge, etc. Complementary visualizations are available on the author's website. The advance release is meant to put the book in the hands of the media in time for them to use the book and author as a resource for historical and scientific information in their reporting on the anniversary of the hurricane this coming September.

In the Pipeline

- Early career handbook
- Environmental security
- Second edition of “The Thinking Person's Guide to Climate Change”
- History of long-range prediction
- History of photography and meteorology
- A short history of meteorology
- Ted Fujita biography
- Cleveland Abbe biography
- Handbook of atmospheric dynamics
- Scientific and cultural history of atmospheric optics
- Second edition of “Eloquent Science”
- Overview of topics in meteorology and psychology
- Severe storms and society (a communications study)

6. Journal Impact Factor Ratings

Table 4 below shows that three of the top 10 journals in the most recent ranking of Thompson-Reuters Impact Factor® (and 4 of the top 20) in the category of Meteorology and Atmospheric Sciences were AMS titles. BAMS has continued its run with the sixth straight year being identified as the top-ranked AMS journal and one of the top 3 of all journals in the Meteorology and Atmospheric Sciences category. Rises in ranking occurred with BAMS, JPO, JHM, and EI. Four declines occurred (JAS, JTECH, WCAS and WAF). JCLI, MWR, and JAMC were unchanged from 2015. JAS had the largest drop. We are closely watching for trends in future years.

Most Recent (2016) Impact Factor Rankings (Thompson-ISI*)

*Now Clarivate Analytics

Category of Meteorology and Atmospheric Science AMS journals (83 total)
[comparison with prior-year (2015) ranking in parentheses]:

| | |
|--|------|
| 2. <i>BAMS</i> (3) | (+1) |
| 7. <i>Journal of Climate</i> (7) | (−) |
| 8. <i>Journal of Physical Oceanography</i> * (9) | (+1) |
| 14. <i>Journal of Hydrometeorology</i> (16) | (+2) |
| 22. <i>Monthly Weather Review</i> (22) | (−) |
| 24. <i>Journal of the Atmospheric Sciences</i> (15) | (−9) |
| 26. <i>Journal of Applied Meteorology and Climatology</i> (26) | (−) |
| 38. <i>Journal of Atmospheric and Oceanic Technology</i> (34) | (−4) |
| 39. <i>Weather, Climate, and Society</i> (38) | (−1) |
| 42. <i>Weather and Forecasting</i> (36) | (−6) |

*In Oceanography category (62 ranked entries)

Note: *Earth Interactions* is 101/188 in the Geosciences category (121/184 in 2015) (+20)

Table 4: ISI Journal Impact factor ratings for 2015, the latest available at the time of this writing

7. Increased interest in open-access

Currently, AMS articles have a one-year embargo on open access by the public. However, authors can pay a fee of \$800 to have their articles open access immediately. The publications department continued its study of interest in open access availability. Figure 13 shows the results for the last four years. Increase in interest in open access has increased each year. Figure 14 shows that this increase has happened at a rate of 5 percentage points per year since 2014. In 2017, an average of 23% of authors pay for immediate open access across our journals. JPO and JCLI authors have the most interest in immediate open access, although all journals except WAF showed growth of interest in every year.

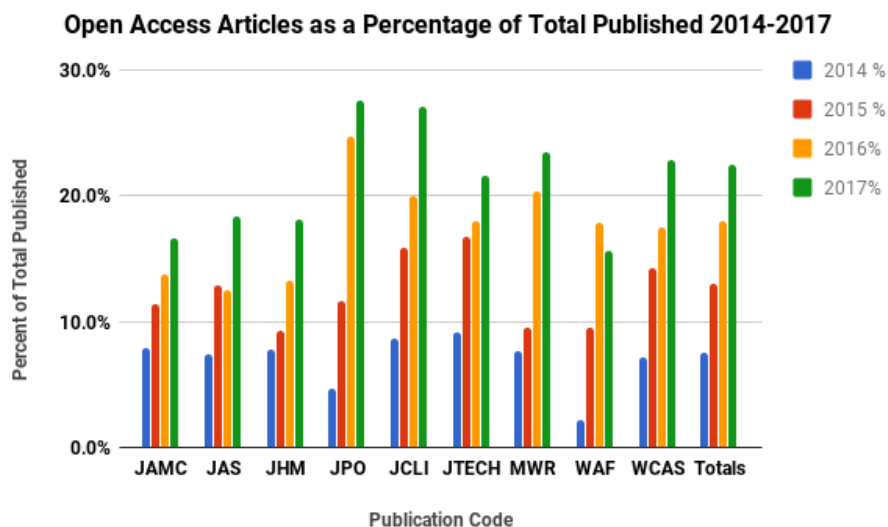


Fig. 13: Open access articles as a percentage of total published 2014-2017

Immediate OA as percentage of total articles

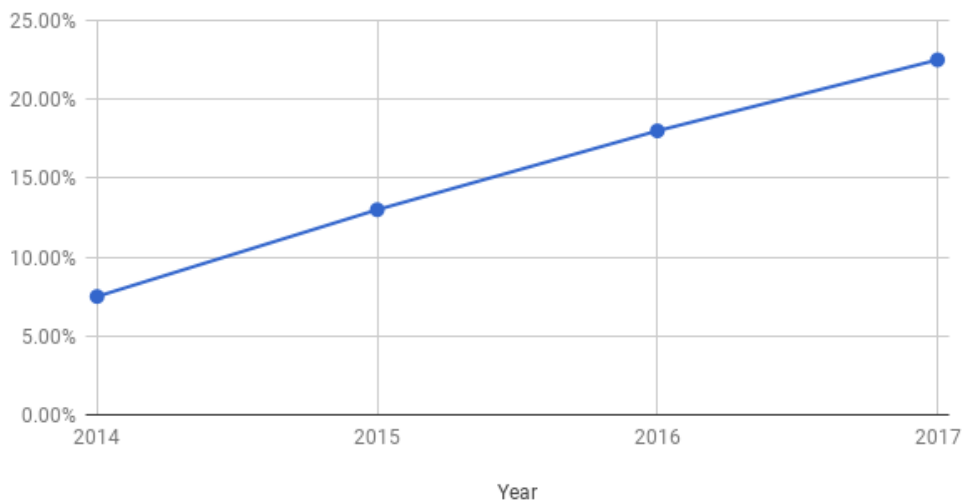


Fig. 14: Percent of articles whose authors choose immediate open access for all journals (except BAMS and EI) for the years 2014-2017

8. International Scope of AMS journals

The publications department conducted a study of the changing international scope of AMS journals over the last 7 years. The results are summarized on Fig. 15. The AMS received submissions from 111 countries since we started using the current manuscript management system. The top 10 countries were usually the same every year but the order may change somewhat. The U.S., China and UK were always the top 3. Non-US submissions have increasing, and eclipsed U.S. submissions as a percent of the total for the last 6 years.

Country of Origin of Corresponding Author

“Top Ten” Countries in 2018:

| Country | % |
|--------------------|-------|
| UNITED STATES | 45.9% |
| CHINA | 20.6% |
| UNITED KINGDOM | 4.8% |
| CANADA | 3.0% |
| GERMANY | 2.7% |
| KOREA, REPUBLIC OF | 2.3% |
| INDIA | 2.2% |
| AUSTRALIA | 1.8% |
| JAPAN | 1.8% |
| TAIWAN | 1.4% |

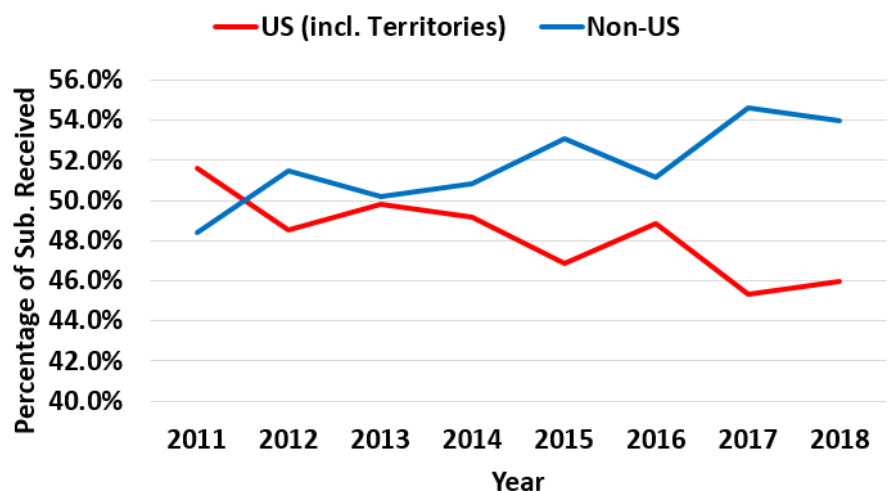


Figure 15: Countries of corresponding author of AMS journals during last 7 years.

PART III: ISSUES AND ACTIONS OF THE COMMISSION

9. Request for Change in Membership of the PC and PSPC

a. Membership of the commission

The Publication Commission requests that Council amend the Organizational Procedures of the AMS to add a former commissioner as a member of the commission (normally, this person will be the most recent past commissioner, although under special circumstances (e.g. illness of the past commissioner), a previous commissioner can serve in his/her place.)

Justification: For much of the commission's history, past commissioners have served on the commission as "at-large" members. The "at-large" designation, according to the Organizational Procedures, is "to ensure a measure of diverse representation, including with respect to publishing expertise." Having one or more past commissioners occupy at-large positions defeats the stated purpose of the at-large designation. Nevertheless, it is very important to the commission to have "corporate memory" of commission proceedings and actions, and the past commissioner brings that to the commission.

The current Organizational Procedures specifies membership of the commission as

i. Membership

- *a Commissioner*
- *the chief editors of the Society's periodicals and serials*
- *the chairs of the publication boards, if not included under the preceding*
- *the chair of the Bulletin Editorial Board*
- *three members-at-large appointed by the Council on the recommendation of the President, each for a three-year term, one term expiring each year; the purpose of these three members at-large is to ensure a measure of diverse representation, including with respect to publishing expertise*

The Commission requests that Council approve the following change to the membership in the Organizational Procedures, highlighted in yellow:

i. Membership

- *a Commissioner*
- *a former Commissioner, to serve during the term of the commissioner*
- *the chief editors of the Society's periodicals and serials*
- *the chairs of the publication boards, if not included under the preceding*
- *the chair of the Bulletin Editorial Board*
- *three members-at-large appointed by the Council on the recommendation of the Commissioner, each for a three-year term, one term expiring each year; the purpose of these three members at-large is to ensure a measure of diverse representation, including with respect to publishing expertise*

Council previously approved 2018 commissioner Bob Rauber as an at-large member starting in 2019. If Council approves this change in organizational procedures, Rauber will fill the "past commissioner"

position, opening a position for an additional at-large member. Following the Council meeting, if the change is approved, a candidate for the new at-large member will be chosen and forwarded for approval by the council at the January meeting in Phoenix.

b. Membership and responsibilities of the Publication Strategic Planning Committee (PSPC)

The Publication Commission requests that Council amend the Organizational Procedures of the AMS to add the past commissioner and the Publications Reporting Manager (PRM) as members of the commission's Publication Strategic Planning Committee.

The PC also requests a change to the responsibilities, dropping the phrase “*suggesting names of potential new editors and assisting with recruitment of new editors*”

Justification: A former commissioner brings to the PSPC a “corporate memory” of past decisions and actions of the commission, and, over the history of the PSPC, has served as a key member (in an at-large capacity) to the PSPC. The PRM, a member of the AMS staff, is the key individual producing all of the charts and statistics used by the commission that you see in this report. The PRM's participation is essential to address questions by commission members concerning these data, and investigate any issues raised during PSPC and PC deliberations. For this reason, the PC requests that the PRM be added as a permanent member of the PSPC. The deletion of the phrase “*suggesting names of potential new editors and assisting with recruitment of new editors*” reflects current practices. Normally, the most relevant members of the commission are consulted regarding new editor recruitment. For example, the Chief Editor of JHM would be consulted when choosing a new editor in Hydrology.

The current Organizational Procedures specifies membership of the committee as

Publication Strategic Planning Committee (PSPC)—Comprising the three at-large Commission members; no more than three members selected from among the Journal's chief editors and Monograph editor with staggered terms; the Director of Publications; the Journal Production Manager; the Peer Review Support Manager; and up to three members from outside the Publications Commission to serve terms of one year each, renewable for one additional term of one year. The Commissioner will serve as a member, and the chair will be elected by the PSPC membership to serve a term which coincides with the individual's Commission membership or term on the PSPC. The chair appoints committee members with the concurrence of the Commissioner.

Responsibilities: To provide advice to the Commissioner on topics relevant to the functions of the Publications Commission like developing the agenda for Commission meetings, evaluating technological innovations relevant to AMS publications, suggesting names of potential new editors and assisting with recruitment of new editors, and other aspects of AMS publication policies and practices.

The Commission requests that Council approve the following change to the PSPC membership in the Organizational Procedures, highlighted in yellow:

Publication Strategic Planning Committee (PSPC)—Comprising the three at-large Commission members; no more than three members selected from among the Journal's chief editors and Monograph editor with staggered terms; the Director of Publications; the

Journal Production Manager; the Peer Review Support Manager; the Publications Reporting Manager, and up to three members from outside the Publications Commission to serve terms of one year each, renewable for one additional term of one year. The Commissioner and former Commissioner will serve as members, and the chair will be elected by the PSPC membership to serve a term which coincides with the individual's Commission membership or term on the PSPC. The chair appoints committee members with the concurrence of the Commissioner.

Responsibilities: To provide advice to the Commissioner on topics relevant to the functions of the Publications Commission like developing the agenda for Commission meetings, evaluating technological innovations relevant to AMS publications, ~~suggesting names of potential new editors and assisting with recruitment of new editors,~~ and other aspects of AMS publication policies and practices.

10. BAMS Task Force recommendation

The Chair of the BAMS Task Force, Joe Klemp, and BAMS Editor in chief, Jeff Rosenfeld, presented a draft proposal to the PC considering ways to modernize *BAMS* to serve authors and readers better. The proposal is to make *BAMS* a three-part publication: (1) Peer-reviewed articles remain open access but are presented online only; (2) a slimmer print magazine featuring abridged versions of the peer-reviewed articles, plus other content setting these articles in context; and (3) a web and social media presence providing more context and perspectives about articles as well as mobile versions of those articles. This web/social media version would be like a multimedia blog based largely on authors' input. They noted that this would change the author's experience in some, but not all, ways:

- Peer review would remain unchanged: same proposal evaluation, same guidelines, same standards.
- Accepted articles would appear online nearly immediately as an Early Online Release.
- Articles would be edited, typeset, laid out, and published, online-only, in final form within 6 weeks.
- For the print edition, the editors would abridge or excerpt the article to 2,000 words or less (subject to author approval)—likely retaining introduction, discussion, conclusion, and selected results and figures.
- If abridgement or excerpting is not viable, authors would be invited to write a plain-language summary or equivalent content for print.
- *BAMS* editors and staff would help authors create podcast-style interviews, videos, slide shows, animations, visualizations, or other presentations about their articles. This content would link to AMS social media and to a mobile version of the underlying peer-reviewed article.

The Publications Commission discussed this proposal. To provide guidance to Council, the PC formally voted to approve recommendations within the draft proposal, and agreed to provide continued guidance to the Task Force as it worked to modernize *BAMS* for the 21st century.

11. Recommendation for fate of Earth Interactions

Earth Interactions began in 1997 as a joint, on-line only, publication of the AMS, the American Geophysical Union (AGU), and the American Association of Geographers (AAG). Prior to 2014, the AGU handled the peer-review process and the AMS published the articles. In 2014, the AGU transferred all of its journal operations to Wiley, except EI, because of the joint publication arrangement. The AMS took over the peer review of articles for EI, effectively now controlling the entire process from article submission to publication. From that point, EI became a completely open access journal,

with no page charges: upon acceptance, all authors pay an OA fee, and all EI articles are open access upon publication. All published articles from 1997 onward appear on the AMS website. Because the journal initially had a very small number of articles, a regular issue schedule could not be defined (quarterly, bimonthly, etc.) and thus each article in EI is also classified as a separate issue beginning on page 1 (that is, there is no monthly issue as in other AMS journals).

Between 1997 and 2002, no more than 4 articles were published annually in EI. Interest grew after this with 15-30 articles appearing annually, peaking in 2011 when 37 articles appeared in EI. In the period 2014-2017, the number of articles varied between 11 and 25. As of June 13, 2018, 13 articles have appeared in the calendar year 2018.

The PC debated whether Earth Interactions was a viable journal. The discussion was long, and swung in both directions (elimination, and maintaining the journal). In the end, the PC recommended to keep the journal, and explore ways to increase submissions. The consensus was that the journal fills a transdisciplinary niche that no other journal does (although the AGU has recently created something similar), and that a decision on the fate of the journal should be postponed to see how submissions develop in the future.

12. Final recommendation about AMS Journal of Atmospheric Chemistry and Aerosols

In September 2013, the PC recommended, and the Council approved, a plan to make a focused effort to redevelop an interest within the chemistry and aerosol community in publishing in JAS. We agreed that if we can stimulate sufficient interest in the atmospheric chemistry community to publish in JAS, the plan is to then consider splitting off a new atmospheric chemistry and aerosol journal. After 5 years of effort, the PC voted to recommend to Council to no longer pursue the goal of creating a new Atmospheric Chemistry and Aerosol journal. The decision was based on the lack of interest in the Atmospheric Chemistry community in publishing with the AMS. During the last 5 years, and in years prior to our effort, the Atmospheric Chemistry community has continually moved to publish in the journal *Atmospheric Chemistry and Physics (ACP)*. JAS Co-Chief editor Bill Brune reported to the PC that even AGU journals, which have traditionally hosted many Atmospheric Chemistry papers, has seen a decline in these papers as ACP has taken over publishing in the discipline. ACP has been helped by its very high impact factor (it competes with BAMS for the 2nd spot in the rankings). The PC does recommend that we continue to accept papers submitted to JAS in the fields of Atmospheric Chemistry and Aerosols, but that we no longer maintain Co-Chief Editors. Rather, we will maintain one editor with expertise in this area. That currently is sufficient to handle the few papers arriving in this discipline.

Background

In September 2012, advocates on Council raised the idea of the AMS creating a Journal of Atmospheric Chemistry and Aerosol. The idea was discussed at the June 2013 PC meeting. From that meeting, the PC recommended a plan to make a focused effort to redevelop an interest within the chemistry and aerosol community in publishing in JAS. We agreed that if we can stimulate sufficient interest in the atmospheric chemistry community to publish in JAS, the plan would then be consider splitting off a new atmospheric chemistry and aerosol journal. Council approved the plan in September 2013.

In 2014, the PC added Renyi Zhang, Professor at Texas A&M University and head of the AMS STAC

committee on chemistry. Renyi attempted to organize two special collections of atmospheric chemistry papers for JAS. The first special collection is titled “Aerosol–Cloud–Precipitation—Climate Interactions.” The Organizers are Jiwen Fan, Pacific Northwest National Laboratory, and Daniel Rosenfeld of The Hebrew University in Jerusalem. The web page for this special collection should be live by the end of June 2018. The number of submissions resulted in 17 acceptances and 10 rejections. The second collection was in honor of Robert Duce. It is entitled “Exchanges of pollutant and natural substances at the interface between air and sea.” Renyi and Peter Liss are co-organizers. We are ready to set up the collection web page, but need material from Renyi and Peter Liss. There are 9 accepted papers, one rejection. In addition, we appointed an internationally recognized leader in atmospheric chemistry, Professor Bill Brune, as co-Chief Editor of JAS. He was fully supportive and engaged in the plan to make JAS a home for atmospheric chemistry papers, and to work toward future establishment of an AMS journal of atmospheric chemistry and aerosols. As part of this effort, the Chief Editors, together with the Publications Commissioner, published an editorial in the January 2015 issue of JAS informing our authors and readers of the plan. Between January 2015 and June 2018, aside from the special collections, other submissions to JAS that can be classified as Atmospheric Aerosol or Chemistry have been very slow. The response of the Atmospheric Chemistry and Aerosol community has been poor (see Table 5), with this community continuing to use their primary outlet journals, ACP and JGR-Atmospheres. JAS Co-Chief Bill Brune has tried every way possible to engage the community and encourage them to submit to JAS. The PC spent a large block of time discussing this issue at their 2016, 2017, and 2018 meetings. Our conclusion is that splitting a journal off will be too high a risk.

Table 5: Total Atmospheric Chemistry Submissions by Month/Year of Initial Date Submitted

| Month | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------|------|------|------|------|------|
| Jan | 0 | 2 | 5 | 3 | 2 |
| Feb | 0 | 3 | 2 | 3 | 3 |
| Mar | 0 | 4 | 5 | 4 | 0 |
| Apr | 0 | 2 | 0 | 1 | 1 |
| May | 1 | 2 | 1 | 1 | 2 |
| Jun | 0 | 2 | 2 | 0 | 2 |
| Jul | 0 | 2 | 1 | 5 | |
| Aug | 0 | 4 | 0 | 2 | |
| Sep | 0 | 2 | 2 | 3 | |
| Oct | 0 | 4 | 0 | 1 | |
| Nov | 0 | 3 | 1 | 3 | |
| Dec | 2 | 3 | 1 | 1 | |
| Total | 3 | 33 | 20 | 27 | 10 |

Final Disposition Information:

2014: 100% of the manuscripts submitted were accepted

2015: 58% Accepted, 42% Rejected (no withdrawals)

2016: 40% Accepted, 60% Rejected (no withdrawals)

2017: 33% Accepted, 63% Rejected, 4% in Peer Review as of 12 June 2018

2018: 0% Accepted, 40% Rejected, 10% Transferred, 50% in Peer Review as of 12 June 2018

13. Progress on increasing public access to the science in AMS journals

At its June 2017 meeting, the PC considered ways to increase public access to the science reported in AMS journals. There are services now available through third party vendors, in particular Kudos (<https://www.growkudos.com/about/>), which enable authors to provide a “plain language” summary of their research published in scientific journals so that the public can become more aware of, and better understand the science conveyed in their papers. Kudos also provides tools for authors to promote their articles, primarily via social media. Authors of AMS publications had already begun using Kudos in 2017. The PC discussed this trend, and proposed considering the possibility of partnering with Kudos, as well as publishing a peer-reviewed “significance statement”, or plain-language abstract, that would be part of the article itself (similar to what is done in the Proceedings of the National Academy of Sciences). Both approaches would promote a broader public understanding of our research. The PC tasked an ad hoc subcommittee (Gary Lackmann, Chair, Rezaul Mahmood, John Chiang, Jeff Rosenfeld, Mike Friedman, and Gwendolyn Whittaker) to further examine these approaches. The resulting proposal was unanimously approved by the Commission in October 2017. At the May 2018 meeting, Journal Productions Manager Mike Friedman reported on the progress with Kudos, which is due for implementation by the end of June 2018, and the slightly longer time frame for implementing the “significance statement” approach, which will be planned and implemented after the Kudos part is operational.

14. Progress in diversifying the editor and reviewer pool

In the 2017 Publications Commission report, the PC provided a study of gender diversity in the AMS reviewer and editor pool to the extent we could with limited data. Based on our 2017 study, the PC established a committee to investigate how we could better incorporate diversity into our reviewer and editor pool. At the 2017 Council meeting, the Commissioner proposed an approach to achieve this goal, which was subsequently shared with the committee. The approach was approved by the commission and over the last year has been put into place by the AMS staff, with the help of the commission. The actions include the following:

- 1) Creation of a webpage, easily reached from the AMS publications main page, that describes the obligations of reviewers, associate editors, editors, and chief editors, and has a highly visible “volunteer” button. The PC encourages Council to visit the page:
<https://www.ametsoc.org/index.cfm/ams/publications/editors-and-reviewers/volunteer/>
- 2) Every reviewer of all AMS journals, at the end of the review process, receives a thank you. With the “thank you” is an invitation to consider submitting their names to volunteer as associate editors or editors.
- 3) The Publications Marketing Group (PMG) has created materials to help publicize these opportunities. This includes postcard-sized handouts (provided to editors to distribute at specialty and other meetings), and making use of AMS web page and social media channels.

The names of all individuals volunteering are compiled by AMS staff and made available to the Editors

(who recommend associate editors to the Chief Editor for approval), and the Chief Editors (who recommend Editors to the Commissioner for approval). Peer review support staff periodically remind editors and Chief Editors to use this volunteer list, and particularly keep in mind diversity when making recommendations for appointments. In the limited time since the system has been in place, it seems to be working well. We hope that as we move forward, we will continue to see its use and its success in helping the AMS diversify the editor and reviewer pool.

15. Recommendation concerning attribution statements about author contributions

Mike Friedman, AMS Journal Production Manager, is working with AGU and other organizations across the earth, space, and environmental sciences on the Enabling FAIR Data initiative (FAIR stands for Findable, Accessible, Interoperable, and Reusable). This group, building on the Coalition on Publishing Data in the Earth and Space Sciences (COPDESS) statement of commitment from 2014 for which AMS is a signatory, is working to provide recommendations and guidelines for implementing FAIR principles across the full research data ecosystem, including publishers, societies, repositories, funders, and researchers. This effort parallels, and will provide input to, the Board on Data Stewardship's work in updating the AMS Policy Statement on Full and Open Access to Data.

In addition to encouraging implementation of standard identifiers for authors (e.g., ORCID, <https://orcid.org/>), a part of this effort includes encouraging a common approach to categorizing author contributions to journal articles (e.g., CRediT, <http://docs.casrai.org/CRediT>). The Publication Commission (PC) considered whether the AMS should require a list of author contributions to each multi-authored article as some other journals do (e.g., "DM performed the experiments, TR did the analysis, and all authors collaborated on writing the paper."). An editorial in the Proceedings of the National Academy of Sciences ("Transparency in authors' contributions and responsibilities to promote integrity in scientific publication", <http://www.pnas.org/content/115/11/2557>) provides a rationale for this. The PC believes that following this approach could have more negative than positive impacts on our authors. As one example, many of our authors are Ph.D. students, and the division of labor related to articles is hard to define when an advisor works with a student for many years. In such a case, the wording explaining the contribution of each author to the article might have the potential to diminish the work of the student and negatively impact their career should an advisor take credit for an idea, or conversely, not correctly characterize the division of labor if an advisor does not take credit.

The PC recommended that the AMS not require such statements at this time. We do allow them, and have for years, if authors request that a statement be included.

16. Recommendation about creating email notices about early on-line releases

The AMS has, for a number of years, used early on-line release (EOR) as a way for articles to appear with a doi as soon as possible after publication. A problem raised by one of our authors is that our readership is largely unaware of the paper unless they log on the website and look to see what papers are now in early-on-line release. They only become aware of the papers when they are published and arrive in an email describing the content of the latest issue of the journals. The PC recommended that AMS Publications explore the option of having our on-line vendor, Allen Press, arrange to create a list of new EORs to be distributed weekly to our membership requesting emails. The Publication Staff is exploring

this possibility with Allen Press in addition to more effectively publicizing the existing new content alert functionality presently available through the Journals Online website.

17. Progress related to the Special AMS Monograph for 100 year celebration

As part of the AMS 100 year celebration, the Publications Commission and Council approved the development and publication of a monograph celebrating 100 years of scientific research at the AMS. The current plan is that the monograph will consist of 28 articles which together will review 100 years of progress at the AMS in key fundamental areas of research, and the grand challenges in those areas of research in the coming decades. We expect that the articles will have high visibility and should be well cited for multiple years after the monograph's publication. As of June 10, 2018, 1 article is accepted, 1 in second review, 7 back with authors for major revision, 2 back with authors for minor revision, 7 in first review, and 11 yet to be submitted (we are pressuring these authors). The lead authors are free to structure the article in any way that they feel appropriate, include whatever material/figures needed to summarize the progress in the area being reviewed, and to invite any co-authors they would like to assist them with preparation of the article. The AMS is providing special resources to help authors.

The June 5, 2018 status of all contributions to the monograph appear in Appendix C.

Some key points about the monograph:

- The published volume will be for sale at 2020 AMS Annual Meeting in Boston.
- Articles will adhere to 60 double-sided type pages (not including references, figures and tables), a length greater than standard AMS articles.
- There will be no page charges to authors.
- All articles will be open access to increase their exposure.
- Although the printed volume will not be available until January 2020, articles will be published on-line as soon as they are accepted.
- All articles will be referenced on Web of Science.

18. Other issues addressed by the commission

1. The largest number of submissions to AMS journals from outside the United States come from China. Chinese authors often have problems with English that prevent their manuscripts from getting past the preliminary review of the Chief Editor. The PC considered whether to recommend taking a more proactive approach to helping potential AMS authors in China. The primary issue that prevents the AMS from doing so is resources, both human and financial. The AMS staff can recommend outside vendors, but it was decided that the AMS cannot provide such services without independent resources.
2. Currently, Monograph content is indexed by Web of Science as a book rather than journal articles. Chief Monograph Editor, Greg McFarquhar, noted that this has hampered the development of future AMS monographs because authors are not getting credit from promotion boards for these articles. The PC strongly encouraged the AMS Publications staff to pursue a change in this practice with

Clarivate, the company that hosts Web of Science. Journals Production Manager Mike Friedman will be working with Greg McFarquhar to do all they can to get this changed.

3. The PC had an extensive discussion of the application of copyright law in relation to AMS articles. The PC explored the criteria for situations where (1) the same copyrighted document can be published in more than one place, (2) if an Editor or Chief Editor contacts authors in a situation such as this, what specific legal questions should they ask? (3) Are there specific provisions of copyright law that need to be documented? (4) Is there a typical format of a permission form that is needed for multiple publications of the same copyrighted document? Keith Seitter explained the nuances of copyright law, and the PC is checking to be sure our website is clear on this issue.
4. The Commissioner discussed the charge to the AMS 100th Anniversary “Knowledge Curation and Communication Committee” which he is chairing, and solicited volunteers to be on the committee.

Appendix A: Editorial Board

Updated June 8, 2017

Robert M. Rauber, AMS Publications Commissioner

RED: Retiring GREEN: Continuing For Another Term PURPLE: Unknown BLUE new

JOURNAL OF THE ATMOSPHERIC SCIENCES (17 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|------------------------|--------------------|----------------|----------------|-------------------------------|
| Chun-Chieh Wu | Editor | 07-2013 | 12-2018 | Initial 2-yr extension |
| Robert Fovell | Editor | 01-2015 | 12-2018 | Initial 3-yr term |
| Ping Yang | Editor | 04-2015 | 12-2018 | Initial 3-yr term |
| Renyi Zhang | Editor | 01-2014 | 12-2018 | Initial 2-yr extension |
| Sukyoung Lee | Editor | 09-2015 | 12-2018 | Initial 3-yr term |
| Wojciech Grabowski | Editor | 01-2012 | 12-2018 | 2nd 2-yr extension |
| Anne Smith | Editor | 01-2015 | 12-2019 | Initial 3-yr term |
| Olivier Pauluis | Editor | 01-2015 | 12-2019 | Initial 3-yr term |
| Lorraine Remer | Editor | 01-2013 | 12-2019 | Initial 2 yr extension |
| Walter Robinson | CE Phys/Dyn | 01-2015 | 12-2019 | Initial 2-yr extension |
| William Brune | CE Chem/Aer | 01-2015 | 12-2019 | Initial 2-yr extension |
| Fotini Katopodes | Editor | 09-2016 | 08-2019 | Initial 3-yr term |
| Chow | | | | |
| Zhuo Wang | Editor | 06-2017 | 05-2020 | Initial 3-yr term |
| Lou Wicker | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Sue van den Heever | Editor | 06-2017 | 05-2020 | Initial 3-yr term |

JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY (9 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|---------------------|--------------|------------|----------|------------------------|
| Andrew Ellis | Editor | 01-2015 | 12-2018 | Initial 1-yr extension |
| David A. Kristovich | Chief Editor | 01-2012 | 12-2018 | 2nd 2-yr extension |
| Sandra Yuter | Editor | 01-2012 | 12-2018 | 2nd 2-yr extension |
| Kathy Klink | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Wen-Chau Lee | Editor | 09-2016 | 08-2019 | Initial 3-yr term |
| Marwan Katurji | Editor | 10-2016 | 09-2019 | Initial 3-yr term |
| Steve (Qi) Hu | Editor | 01-2013 | 12-2019 | 2nd 2-yr extension |
| Anita Rapp | Editor | 08-2017 | 07-2020 | Initial 3-yr term |

***JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* (9 EDITORS)**

| Editor | Position | Term Start | Term End | Current Appointment |
|-----------------------------|-----------------|-------------------|-----------------|----------------------------|
| Gustavo Goni (O) | Editor | 07-2015 | 12-2018 | Initial 2.5-yr term |
| Carlos Lozano (O) | Editor | 07-2015 | 12-2018 | Initial 2.5-yr term |
| William J. Emery (O) | CE-Ocean | 01-2016 | 12-2018 | Initial 3-yr term |
| Luca Baldini (A) | CE-Atmos | 01-2016 | 12-2018 | Initial 3-yr term |
| Tetsu Hara (O) | Editor | 01-2016 | 12-2018 | Initial 3-yr term |
| Evan Ruzanski (A) | Editor | 01-2016 | 12-2018 | Initial 3-yr term |
| Kirsti Salonen (A) | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Denis Volkov (O) | Editor | 04-2016 | 03-2019 | Initial 3-yr term |
| Tristan L'Ecuyer (A) | Editor | 04-2016 | 03-2019 | Initial 3-yr term |

JOURNAL OF CLIMATE (20 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|-----------------------|-------------|------------|----------|--------------------------------|
| Peter Huybers | Editor | 01-2016 | 12-2018 | Initial 3-yr term |
| Mingfang Ting | Editor | 07-2014 | 12-2018 | Initial 2-yr extension |
| John Chiang | Co-Chief Ed | 01-2015 | 12-2019 | Initial 2-yr extension |
| Tim Delsole | Co-Chief Ed | 01-2017 | 12-2019 | Initial 3-year term |
| Mat Collins | Editor | 03-2016 | 02-2019 | Initial 3-yr term |
| Oleg Saenko | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Pierre Friedlingstein | Editor | 01-2013 | 12-2019 | 2 nd 2 yr extension |
| Tim Li | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Jason Evans | Editor | 04-2016 | 03-2019 | Initial 3-yr term |
| Darryn Waugh | Editor | 04-2016 | 03-2019 | Initial 3-yr term |
| Xin-Zhong Liang | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| James Screen | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Karen Shell | Editor | 04-2016 | 03-2019 | Initial 3-yr term |
| Rong Zhang | Editor | 09-2016 | 08-2019 | Initial 3-yr term |
| Wenhong Li | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Yi Deng | Editor | 08-2016 | 08-2019 | Initial 3-yr term |
| Matt Barlow | Editor | 07-2015 | 12-2020 | Initial 3-yr term |
| Hisashi Nakamura | Editor | 01-2016 | 12-2020 | Initial 3-yr term |
| Michael Evans | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Amy Clement | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Seung-Ki Min | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Ben Lintner | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Joel Norris | Editor | 01-2018 | 12-2020 | Initial 2-yr term |

Monthly Weather Review (18 Editors)

| Editor | Position | Term Start | Term End | Current Appointment |
|-----------------------|--------------|------------|----------|--------------------------------|
| Todd Lane | Editor | 01-2016 | 12-2018 | Retiring 12-2018 |
| Paul E. Roundy | Editor | 01-2012 | 12-2019 | 1 yr ext to 12-19 |
| Ryan Torn | Editor | 01-2016 | 12-2019 | 1 yr ext to 12-19 |
| Russ Schumacher | Editor | 01-2016 | 12-2020 | 2 yr ext to 12-20 |
| Matt Eastin | Editor | 01-2016 | 12-2020 | 2 yr ext to 12-20 |
| David Schultz | Chief Editor | 01-2008 | 12-2020 | 2-yr ext to 12-20 |
| Jeff Anderson | Editor | 01-2014 | 12-2020 | 2-yr ext to 12-20 |
| Almut Gassmann | Editor | 01-2014 | 12-2020 | 2-yr ext to 12-20 |
| Altug Aksoy | Editor | 01-2016 | 12-2020 | 2 yr ext to 12-20 |
| Ron McTaggart-Cowan | Editor | 01-2012 | 12-2020 | 2-yr ext to 12-20 |
| Josh P. Hacker | Editor | 01-2011 | 12-2019 | 3 rd 2-yr extension |
| Pamela Heinselman | Editor | 01-2013 | 12-2019 | 2nd 2-yr extension |
| Hugh Morrison | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Dan Kirshbaum | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Hilary Weller | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Elizabeth Satterfield | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Chris Weiss | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Dan Hodyss | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Jidong Gao | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Kristen Corbosiero | Editor | 01-2019 | 12-2021 | Initial 3-yr term |
| Stan Trier | Editor | 01-2019 | 12-2021 | Initial 3 yr term |

WEATHER AND FORECASTING (8 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|----------------------|---------------------|----------------|----------------|--------------------------|
| Lynn McMurdie | Editor | 03-2016 | 02-2019 | Initial 3-yr term |
| Matt Bunkers | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Karen Kosiba | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Zhaoxia Pu | Editor | 10-2016 | 10-2019 | Initial 3-yr term |
| Lynn McMurdie | Editor | 03-2016 | 02-2019 | Initial 3-yr term |
| Brian Ancell | Editor | 01-2015 | 12-2019 | Initial 2-yr extension |
| Gary Lackmann | Chief Editor | 08-2017 | 07-2020 | Initial 3-yr term |
| Elizabeth Ritchie | Editor | 01-2018 | 12-2020 | Initial 3-yr term |

JOURNAL OF PHYSICAL OCEANOGRAPHY (9 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|---------------------|---------------------|-------------------|-----------------|----------------------------|
| Jody Klymak | Editor | 09-2013 | 12-2018 | 2-yr extension |
| Paola Cessi | Editor | 01-2016 | 12-2018 | Initial 3-yr term |
| Jerome Smith | Chief Editor | 01-2016 | 12-2018 | Initial 3-yr term |
| Greg Foltz | Editor | 03-2015 | 12-2019 | Initial 2.75-yr term |
| Karen Heywood | Editor | 01-2013 | 12-2019 | 2-yr extension |
| Baylor Fox-Kemper | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Ilker Fer | Editor | 03-2016 | 02-2019 | Initial 3-yr term |
| Nicole Jones | Editor | 01-2018 | 12-2020 | Initial 3-yr term |
| Joe LaCasce | Editor | 03-2017 | 02-2020 | Initial 3-yr term |

JOURNAL OF HYDROMETEOROLOGY (7 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|--------------------------|--------------|------------|----------|--------------------------------|
| Christa D. Peters-Lidard | Chief Editor | 01-2012 | 12-2018 | 2 nd 2-yr extension |
| L. Ruby Leung | Editor | 01-2012 | 12-2018 | 2 nd 2-yr extension |
| F. Joseph (Joe) Turk | Editor | 01-2012 | 12-2018 | 2 nd 2-yr extension |
| Andrew Wood | Editor | 02-2015 | 12-2019 | Initial 3-yr term |
| Faisal Hossain | Editor | 01-2015 | 12-2019 | Initial 3-yr term |
| Matt Rodell | Editor | 08-2017 | 07-2020 | Initial 3-yr term |
| Francina Dominguez | Editor | 01-2019 | 12-2021 | Initial 3-yr term |

WEATHER, CLIMATE, AND SOCIETY (5 EDITORS)

| Editor | Position | Term Start | Term End | Current Appointment |
|-------------------------|---------------------|-------------------|-----------------|---------------------------------|
| David Letson | Editor | 01-2012 | 12-2018 | 2-yr extension |
| Shubshyu Saha | Editor | 01-2017 | 12-2019 | Initial 3-yr term |
| Carla Roncoli | Editor | 01-2018 | 12-2020 | Initial 3 term |
| Susan Cutter | Editor | 01-2018 | 12-2020 | Initial 3 yr term |
| Henry Huntington | Chief Editor | 01-2018 | 12-2020 | Initial 3-yr appointment |

***EARTH INTERACTIONS* (3 EDITORS)**

| Editor | Position | Term Start | Term End | Current Appointment |
|-------------------|--------------|------------|----------|---------------------|
| Rezaul Mahmood | Chief Editor | 01-2010 | 12-2018 | 2-yr extension |
| Joseph Santanello | Editor | 01-2015 | 12-2019 | Initial 3-yr term |
| Xiaoyang Zhang | Editor | 10-2017 | 11-2020 | Initial 3-yr term |

MONOGRAPHS (1 EDITOR)

| Editor | Position | Term Start | Term End | Current Appointment |
|-----------------|--------------|------------|----------|--------------------------------|
| Greg McFarquhar | Chief Editor | 01-2015 | 12-2019 | 1 st 2-yr extension |

AT-LARGE COMMISSION MEMBERS (3)

| Editor | Position | Term Start | Term End | Current Appointment |
|---------------------------------|----------|------------|----------|------------------------|
| David Jorgensen (PSPC chair) | At large | 01-2013 | 12-2018 | Initial 2-yr extension |
| Bob Rauber | At large | 01-2019 | 12-2021 | Initial 3-yr term |
| Vanda Grubišić | At large | 01-2016 | 12-2018 | Initial 3-yr term |
| Zhuo Wang | At large | 01-2018 | 12-2020 | Initial 3-yr term |

GLOSSARY OF METEOROLOGY (1 EDITOR)

| Editor | Position | Term Start | Term End | Current Appointment |
|-------------|--------------|------------|----------|---------------------|
| Ward Seguin | Chief Editor | 01-2018 | 12-2021 | Initial 3-yr term |

Appendix C: Status of articles on June 10, 2018 for 100 year monograph

Title: A Century of Progress in Atmospheric and Related Sciences: Celebrating the American Meteorological Society Centennial

0. **PREFACE Greg M. McFarquhar and Robert M. Rauber**
1. **AMERICAN METEOROLOGICAL SOCIETY: 100 YEARS OF SUPPORTING THE SCIENTIFIC COMMUNITY Keith L. Seitter, Jinny Nathans, and Sophie Mankins MINOR REVISION**
2. **100 YEARS OF PROGRESS IN ATMOSPHERIC OBSERVING SYSTEMS, Jeffrey L. Stith, Holger Vömel, Matthias Steiner, Paul L. Smith, Donald Lenschow, Darrel Baumgardner, Wen-Chau Lee, Peter Pilewskie, Julie Haggerty, and R. Michael Hardesty MAJOR REVISION**
3. **100 YEARS OF PROGRESS IN OCEAN OBSERVING SYSTEMS Russ E. Davis, Lynne D. Talley, Dean Roemmich, W. Brechner Owens, Daniel L. Rudnick, Robert Weller, John Toole, Michael J. McFadden, and John A. Barth IN REVIEW**
4. **SATELLITES SEE THE WORLD'S ATMOSPHERE S.A. Ackerman, S. Platnick, P.K. Bhartia, B. Duncan, T. L'Ecuyer, A. Heidinger, G. Skofronick-Jackson, N. Loeb, T. Schmit, and N. Smith IN REVIEW**
5. **FIFTY YEARS OF SATELLITE REMOTE SENSING OF THE OCEAN Lee-Lueng Fu, Tong Lee, W. Timothy Liu and Ronald Kwok IN REVIEW**
6. **100 YEARS OF PROGRESS IN UNDERSTANDING THE GENERAL CIRCULATION OF THE ATMOSPHERE Isaac Held IN REVIEW**
7. **100 YEARS OF THE OCEAN GENERAL CIRCULATION Carl Wunsch and Raffaele Ferrari MAJOR REVISION**
8. **100 YEARS OF PROGRESS IN UNDERSTANDING THE DYNAMICS OF ATMOSPHERE-OCEAN VARIABILITY Dave Battisti (1 JUNE PROJECTION)**
9. **100 YEARS OF PROGRESS IN UNDERSTANDING EARTH'S MIDDLE ATMOSPHERE Mark Baldwin (NO DATE)**
10. **100 YEARS OF PROGRESS IN BOUNDARY LAYER METEOROLOGY Margaret A. LeMone, Wayne Angevine, Christopher S. Bretherton, Fei Chen, Jimy Dudhia, Evgeni Fedorovich, Kristina B. Katsaros, Donald H. Lenschow, Larry Mahrt, Edward G. Patton, Jielun Sun, Michael Tjernström, and Jeffrey Weil IN REVIEW**
11. **100 YEARS OF PROGRESS IN GAS-PHASE ATMOSPHERIC CHEMISTRY RESEARCH Timothy J. Wallington, John H. Seinfeld, and John R. Barker MAJOR REVISION**
12. **100 YEARS OF PROGRESS IN CLOUD PHYSICS, AEROSOL AND AEROSOL CHEMISTRY RESEARCH Sonia Kreidenweis and Markus Petters (NO DATE)**
13. **100 YEARS OF WEATHER AND CLIMATE MODEL DEVELOPMENT Dave Randall, John Thuburn, Robert Pincus, Hugh Morrison, Andrew Gettelman, Gokhan Danabasoglu, Stephen M. Griffies, Cecilia Bitz, Scott Denning, Peter Gent, and Peter Lynch (IN REVIEW)**
14. **100 YEARS OF PROGRESS IN FORECASTING AND NWP APPLICATIONS Stan Benjamin, John Brown, Gilbert Brunet, Peter Lynch, Kazuo Saito (NO DATE)**
15. **100 YEARS OF RESEARCH TO UNDERSTAND EARTH'S CLIMATE AND CLIMATE FORCING Ramaswamy (END OF SUMMER PROJECTION)**
16. **100 YEARS OF PROGRESS IN TROPICAL CYCLONE RESEARCH Kerry Emanuel (IN REVIEW)**
17. **100 YEARS OF PROGRESS IN EXTRATROPICAL CYCLONE RESEARCH David M. Schultz,**

Lance F. Bosart, Brian A. Colle, Huw C. Davies, Christopher Dearden, Daniel Keyser, Olivia Martius, Paul J. Roebber, W. James Steenburgh, Hans Volkert, and Andrew C. Winters (MAJOR REVISION)

18. 100 YEARS OF RESEARCH ON MESOSCALE CONVECTIVE SYSTEMS Robert A. Houze Jr. (ACCEPTED)
19. 100 YEARS OF SEVERE CONVECTIVE STORM SCIENCE AND OPERATIONS Harold Brooks, Chuck Doswell, Bogdan Antonescu, Ernani Nascimento, Xiaoling Zhang, Ergo Tochtimoto, Alexander Chernokulsky, David Sills, Barry Hanstrum, Ernani De Lima Nascimento, and Brad Barrett (NO DATE; 1st AUTHOR CHANGE in APRIL)
20. 100 YEARS OF PROGRESS IN NON-CONVECTIVE MESOSCALE METEOROLOGICAL RESEARCH Dave Kristovich (1 JUNE PROJECTION)
21. 100 YEARS OF PROGRESS IN MOUNTAIN METEOROLOGICAL RESEARCH Ronald B. Smith (FEW MORE WEEKS AFTER MID-MARCH)
22. 100 YEARS OF PROGRESS IN POLAR METEOROLOGY John E. Walsh, David A. Bromwich, James E. Overland, Mark C. Serreze and Kevin R. Wood MAJOR REVISION
23. 100 YEARS OF PROGRESS IN APPLIED METEOROLOGY Part I Basic Applications Sue Ellen Haupt, Robert M. Rauber, Bruce Carmichael, Jason C. Knievel, James L. Cogan and Pamela A. Clark MAJOR REVISION; UNDER RE-REVIEW
24. 100 YEARS OF PROGRESS IN APPLIED METEOROLOGY Part II Applications that Address Growing Populations Sue Ellen Haupt, Steven Hanna, Mark Askelson, Marshall Shepherd, Mariana A. Fragomeni, Neil Debbage, and Bradford Johnson MAJOR REVISION
25. 100 YEARS OF PROGRESS IN APPLIED METEOROLOGY Part III Additional Applications Sue Ellen Haupt, Branko Kosovic, Scott W. McIntosh, Fei Chen, Kathleen Miller, Marshall Shepherd, Marcus Williams, Sheldon Drobot MINOR REVISION
26. 100 YEARS OF PROGRESS IN HYDROLOGY Christa Peters-Lidard (COMPLETED DRAFT SENT TO JESSICA FOR REFERENCE CHECKING 30 APRIL; NOT SUBMITTED FORMALLY)
27. SOCIAL SCIENCES AND CLIMATE CHANGE Maria Carmen Lemos, Hallie Eakin, Lisa Dilling, and Jessica Worl MAJOR REVISION
28. EPILOGUE: THE FUTURE Greg M. McFarquhar and Robert M. Rauber

Late Addendum: Request to Change the Terms of Reference for WAF

At the May 2018 Publications Commission, members of the commission engaged in discussions concerning how to handle "S2S" type submissions (weekly to seasonal forecasting papers, specifically). For authors wishing to submit papers that deal with forecasts on these time frames, it is unclear where they should best submit, and it seems there is a gap in the AMS journals in this area. JCLI has not been keen to take forecast-verification papers on these time scales, and neither has MWR. JAMC takes them if they are tied to a specific application (e.g., agricultural). It appears to the commission that WAF is the best choice for this type of submission; that was the consensus among the WAF, JAMC, JCLI, and MWR Chief Editors.

Current Terms of Reference for WAF

"Weather and Forecasting (WAF) publishes research that can lead to improvements in operational forecasting. This includes papers on significant weather events, forecasting techniques, forecast verification, model parameterizations, data assimilation, model ensembles, statistical postprocessing techniques, the transfer of research results to the forecasting community, and the societal use and value of forecasts."

The existing WAF Terms of Reference (ToR) don't really speak to seasonal or S2S type papers. The commission proposes the following change:

Weather and Forecasting (WAF) publishes research that **is relevant to** operational forecasting. This includes papers on significant weather events, forecasting techniques, forecast verification, model parameterizations, data assimilation, model ensembles, statistical postprocessing techniques, the transfer of research results to the forecasting community, and the societal use and value of forecasts. **The scope of WAF includes research relevant to forecast lead times ranging from short-term "nowcasts" through seasonal time scales out to approximately one year.**

The commission requests council approval of this change in the TOR for WAF.