

The Future of Publishing in AMS Journals and Other Scientific and Technical Publications

Ken Heideman
AMS Director of Publications

Mike Friedman
AMS Journals Production Manager



My Professional Background

- B.A. Geography University of Vermont
- M.S. Meteorology Penn State University
- Research meteorologist 1986-1998
- Technical Editor AMS 1998
- Director of Publications AMS 1999 –
- Outside affiliations: CESSE, CSE

About The AMS



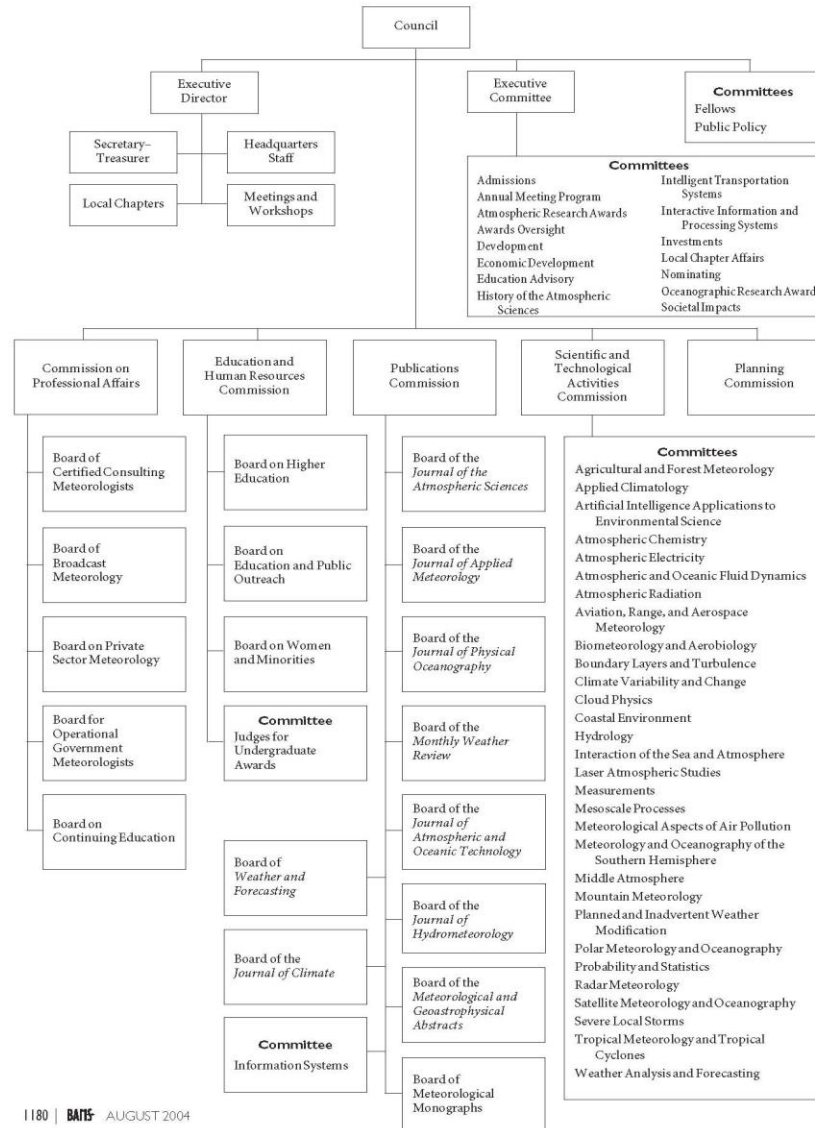
The American Meteorological Society promotes the development and dissemination of information and education on the atmospheric and related oceanic and hydrologic sciences and the advancement of their professional applications. Founded in 1919, AMS has a membership of more than 14,000 professionals, professors, students, and weather enthusiasts. AMS publishes 10 atmospheric and related oceanic and hydrologic journals – in print and online – sponsors 12-14 conferences annually, and offers numerous programs and services.

AMS Mission Statement

To advance the atmospheric and related sciences, technologies, applications, and services for the benefit of society



AMS Organizational Chart



AMS Organizational Structure

- 14,000+ Members
- 72 Paid staff
- Meetings
- Membership
- Publications
- Development
- Education
- Public–Private Enterprise
- Certification (CCM, CBM)
- **Policy**

Community Support Programs

- Policy
- Education
- Public–Private Enterprise
- Local Chapters
- Certification
- Public Information
- Development

AMS Publications

- 10 journals; 11 as of late-2009 (see handout)
- All-volunteer peer review
- 35 HQ staff (copy/technical editors, production staff, BAMS staff, editorial assistants)
- ~28,000 pages/1600 articles published annually
- 150-day production target (non-transition)
- Transition to all electronic workflow
- New print and composition vendor
- Online vendor (Legacy data, forward linking, personalized online libraries)
- Books and monographs

Weather, Climate, and Society

Articles encompassing policy, institutional, social, and behavioral research, including mitigation and adaptation to weather and climate changes. The interdisciplinary breadth of *Weather, Climate, and Society* means that its readers range from social scientists; meteorologists; Earth, oceanographic, and atmospheric scientists; engineers; and epidemiologists, to policy and decision-makers in both the public and the private sectors.

AMS Publications

- 10 journals; 11 as of late-2009 (see handout)
- All-volunteer peer review
- 35 HQ staff (copy/technical editors, production staff, BAMS staff, editorial assistants)
- ~28,000 pages/1600 articles published annually
- 150-day production target (non-transition)
- Transition to all electronic workflow
- New print and composition vendor
- Online vendor (Legacy data, forward linking, personalized online libraries)
- Books and monographs

AMS Online Legacy Content

- 633,561 pages
- 74,924 Articles
- 4,733 Issues
- 436 Volumes
- All content more than 5 years old free and open to the world.

New Online Platform (Atypon)

- Stable environment and rapid development with a reputation for excellence in technical innovation
- Regularly scheduled feature and site updates
- Additional librarian and publisher tools including library/institutional branding
- New methods of providing access to content through Pay Per View, Bloc of Docs and Access Tokens
- New search options and tools including saved searches, searching on related content and highlighting of search terms in results
- Optional tools which allow institutions to administer their own IP numbers and contact information
- Simplified browsing model reduces number of clicks

Page count for AMS Journals 1999-2008 (with percent of total page count in italics)

	1999		2000		2001		2002		2003		2004		2005		2006		2007		2008	
JAMC	1796	<i>9.5%</i>	2520	<i>11.7%</i>	2216	<i>10.6%</i>	1282	<i>6.6%</i>	1848	<i>9.5%</i>	1949	<i>9.6%</i>	1988	<i>8.9%</i>	1800	<i>8.2%</i>	2199	<i>8.8%</i>	3284	<i>12.0%</i>
JAS	4252	<i>22.5%</i>	4048	<i>18.8%</i>	3828	<i>18.3%</i>	3585	<i>18.3%</i>	3049	<i>15.7%</i>	3146	<i>15.5%</i>	4474	<i>20.1%</i>	3476	<i>15.8%</i>	4532	<i>18.2%</i>	4040	<i>14.7%</i>
JCLI	3538	<i>18.7%</i>	4480	<i>20.8%</i>	4612	<i>22.0%</i>	3727	<i>19.1%</i>	4150	<i>21.4%</i>	4910	<i>24.2%</i>	5412	<i>24.3%</i>	6446	<i>29.2%</i>	6059	<i>24.3%</i>	6796	<i>24.8%</i>
JHM			564	<i>2.6%</i>	636	<i>3.0%</i>	740	<i>3.8%</i>	1290	<i>6.6%</i>	1284	<i>6.3%</i>	1080	<i>4.9%</i>	1328	<i>6.0%</i>	1417	<i>5.7%</i>	1552	<i>5.7%</i>
JPO	3208	<i>16.9%</i>	3296	<i>15.3%</i>	3612	<i>17.2%</i>	3670	<i>18.8%</i>	2830	<i>14.6%</i>	2864	<i>14.1%</i>	2544	<i>11.4%</i>	2360	<i>10.7%</i>	2957	<i>11.9%</i>	2854	<i>10.4%</i>
JTECH	2052	<i>10.8%</i>	1676	<i>7.8%</i>	2112	<i>10.1%</i>	2109	<i>10.8%</i>	1884	<i>9.7%</i>	1948	<i>9.6%</i>	1942	<i>8.7%</i>	1784	<i>8.1%</i>	2137	<i>8.6%</i>	2324	<i>8.5%</i>
MWR	3040	<i>16.1%</i>	4164	<i>19.4%</i>	3144	<i>15.0%</i>	3149	<i>16.1%</i>	3076	<i>15.8%</i>	3044	<i>15.0%</i>	3740	<i>16.8%</i>	3796	<i>17.2%</i>	4257	<i>17.1%</i>	5268	<i>19.2%</i>
WAF	1044	<i>5.5%</i>	768	<i>3.6%</i>	780	<i>3.7%</i>	1302	<i>6.7%</i>	1306	<i>6.7%</i>	1140	<i>5.6%</i>	1088	<i>4.9%</i>	1068	<i>4.8%</i>	1368	<i>5.5%</i>	1312	<i>4.8%</i>
TOTAL	18930		21516		20940		19564		19433		20285		22268		22058		24926		27430	

Thomson-ISI Rankings – Impact Factor

Immediacy Index

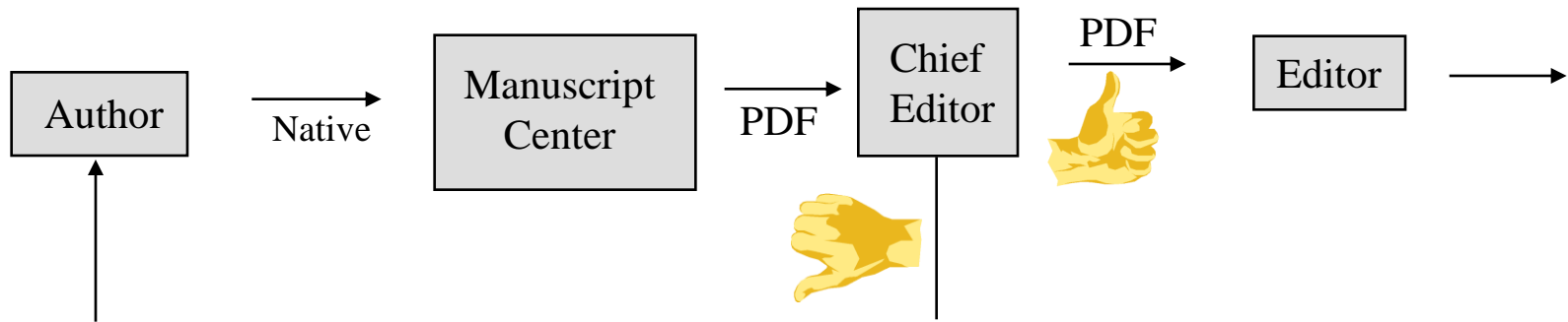
2004 (N=49)	2005 (N=47)	2006 (N=48)	2007 (N=51)	2007 (N=51)
1. JCLI	3. JCLI	3. BAMS	4. JCLI	4. BAMS
3. JAS	5. BAMS	4. JCLI	5. BAMS	9. JAS
6. JPO*	9. JPO*	12. JHM	8. JAS	11. MWR
7. BAMS	12. JHM	13. JPO**	9. JPO***	11. JPO***
			13. MWR	12. JHM
12. JHM	13. JAS	15. JAS	15. JHM	15. JTECH
14. MWR	15. MWR	18. MWR	20. JAMC	19. JCLI
17. JTECH	17. JAMC	19. JAMC	25. JTECH	27. JAMC
23. JAM	19. JTECH	28. JTECH	30. WAF	45. JTECH
34. WAF	31. WAF	32. WAF		

*In Oceanography Category (N=41) **(N=48) *** (N=50)

Earth Interactions became an ISI-rated journal in 2007; will appear in '09 ranking

Manuscript Submission

- Manuscript submission system undergoing upgrade and will be rebranded as the AMS Manuscript Center (June/July 2009)
- Authors enter metadata (including keywords), upload native manuscript files, figure files, and supporting documents (e.g., copyright forms)
- System converts to PDF format, applies qualification criteria, and sends to Chief Editor
- Authors can log into the Manuscript Center at any time thereafter to get a status on where their paper is in review and production
- Increases efficiency since already have files for production

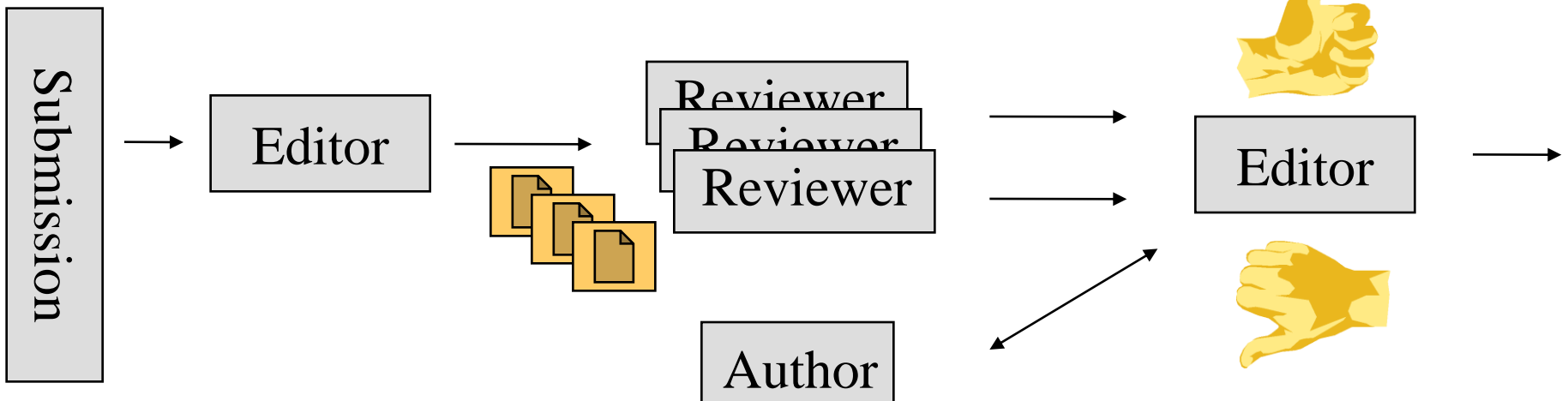


Features of AMS LaTeX Template

- Double-spaced, single-column draft format for peer review follows all AMS formatting requirements
- Two-column “proof” mockup option for author’s convenience (mimics journal page layout)
- Formats all references/citations following AMS style
- Formats appendixes and associated tables, figures, and equations following AMS style.
- Simple fill-in-the-blanks for correct title page formatting

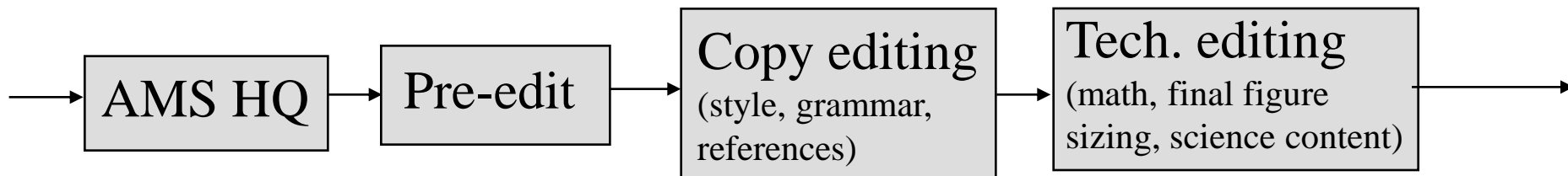
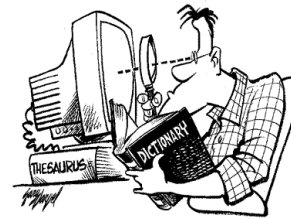
Peer Review

- Once approved, the submission/revision is forwarded from AMS HQ to the journal Chief Editor
- Chief Editor assigns manuscript to appropriate Editor, who supervises the review process
- Peer review
 - Single blind
 - Accept as is (<1%)
 - Return for minor revisions (~30%)
 - Return for major revisions (~40%)
 - Reject/withdrawn (~30%)



Production

- Once officially accepted, sent to AMS HQ
- Final accepted manuscript pdf sent to press as Early Online Release (EOR) for posting online
- Pre-edit for style and format of manuscript and initial figure sizing
- Copy and technical editing
- Sent to press for typesetting



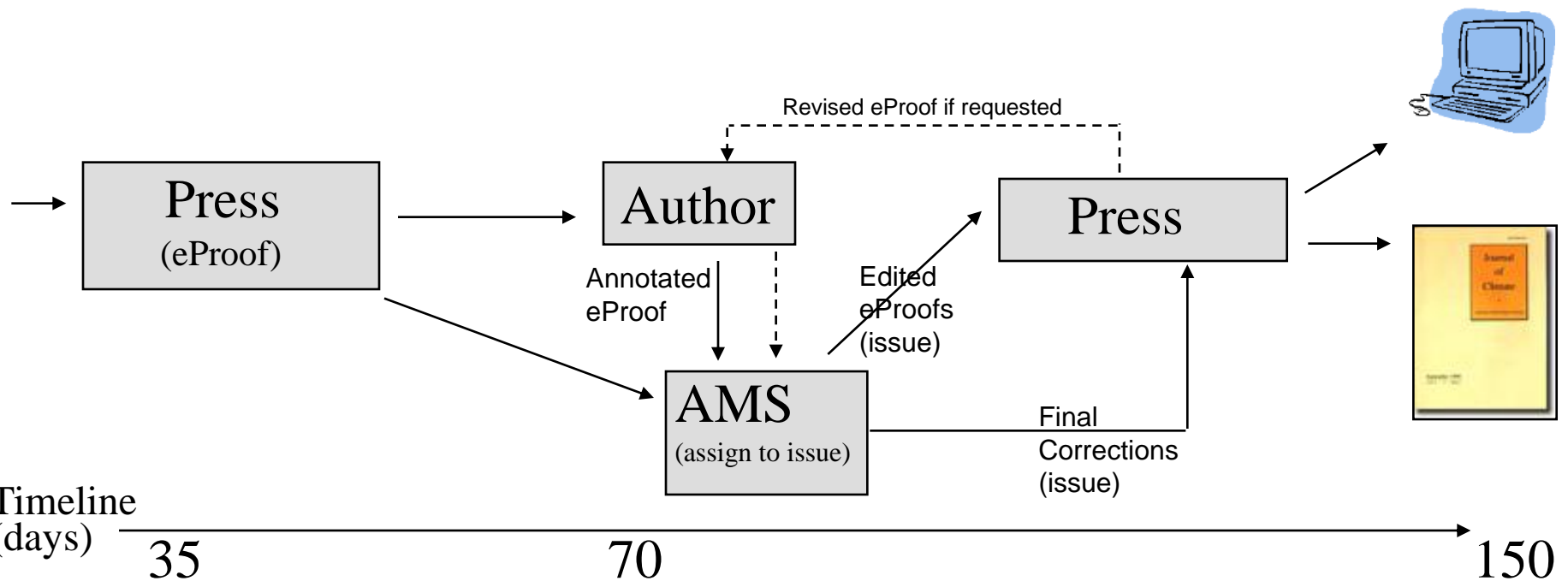
Timeline
(days)

0

30

Production

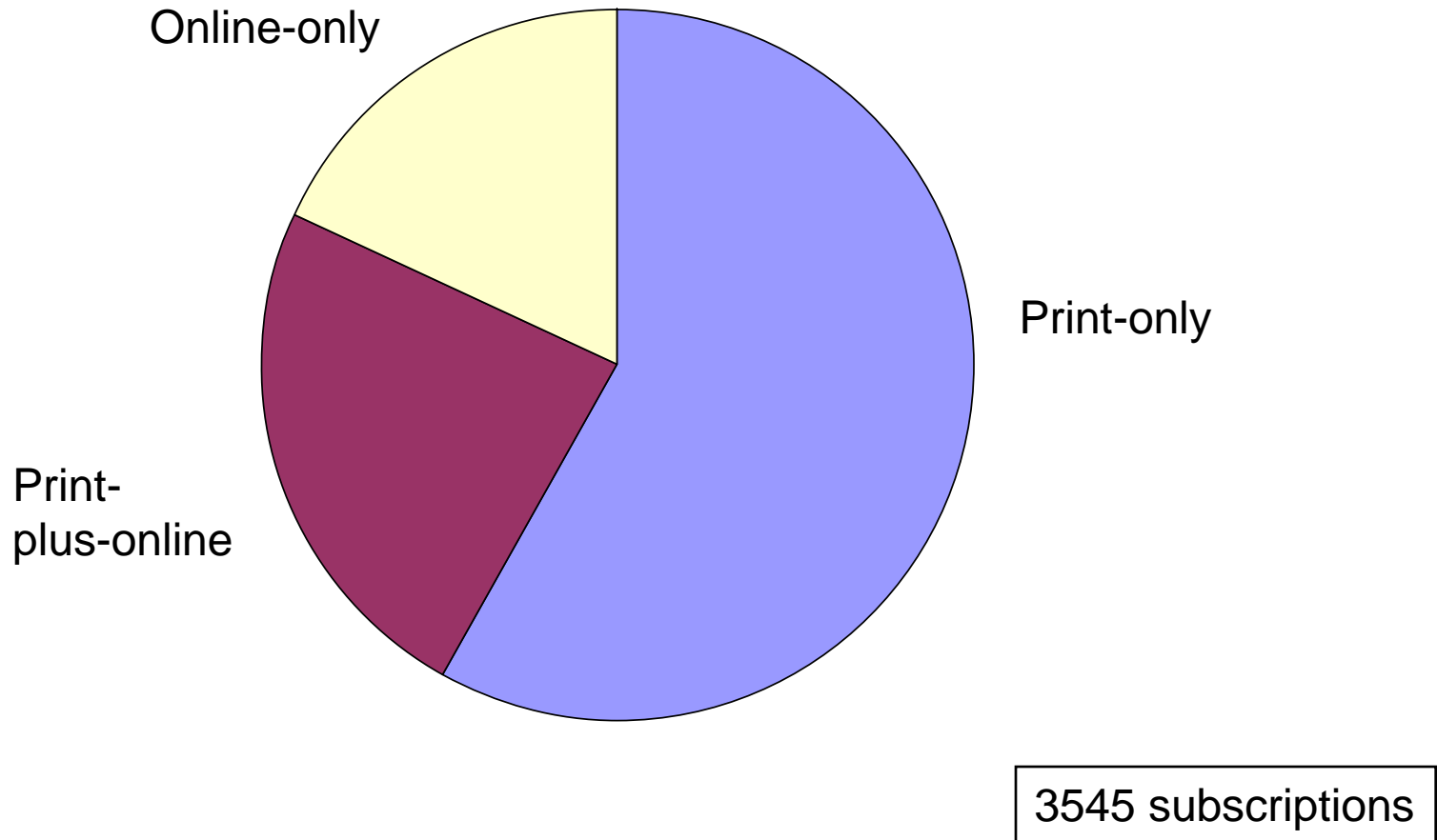
- Production and delivery of PDF eProof from press
- Address author queries and make annotate corrections in pdf file
- Issue scheduling and preparation
- Final corrections
- Publication (typeset article replaces EOR online)



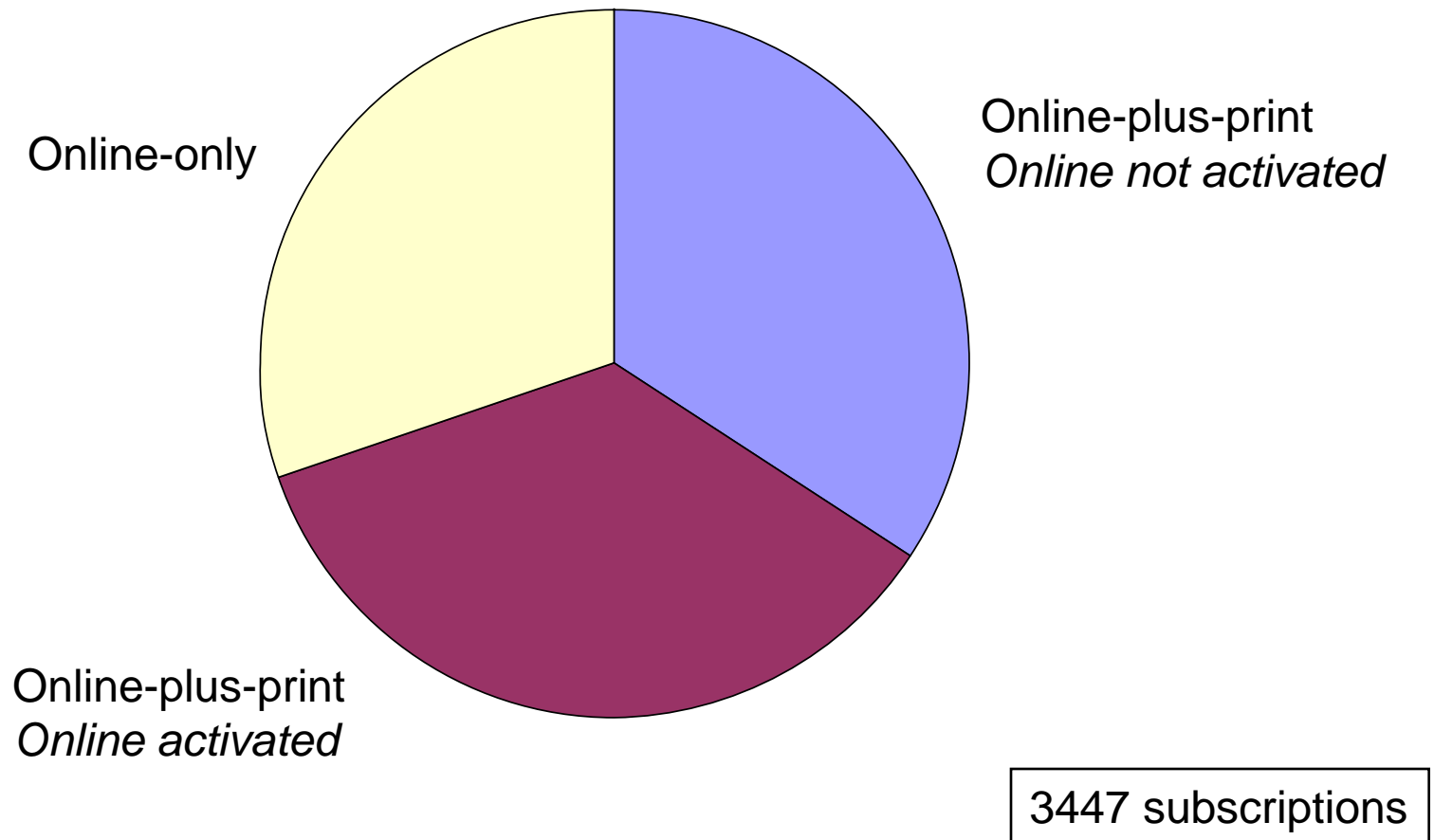
The Future

- Future of Color
- Future of Print
- Future of Open Access

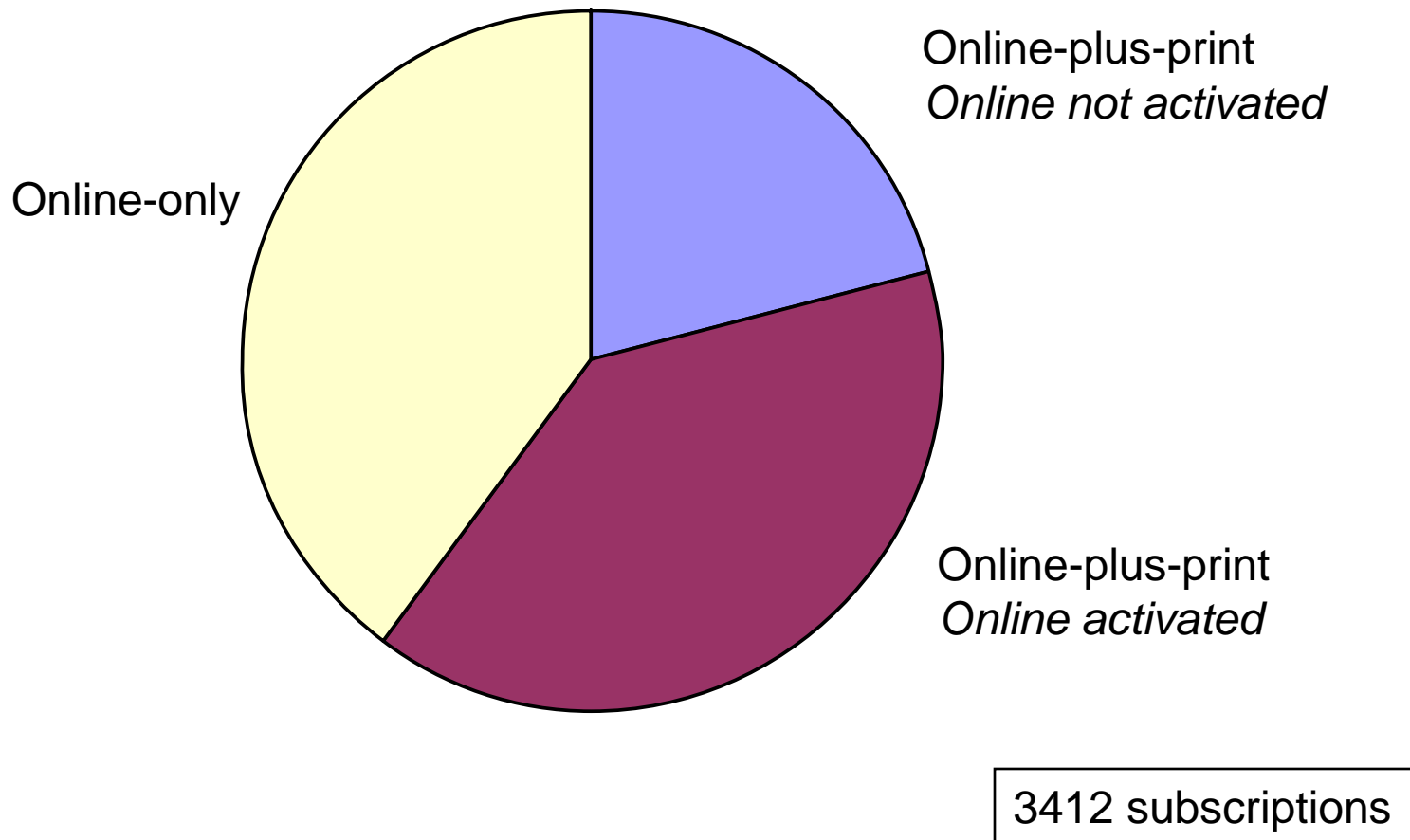
Institutional Subscriptions — 2005



Institutional Subscriptions — 2007



Institutional Subscriptions — 2008



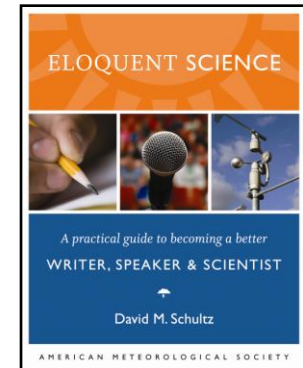
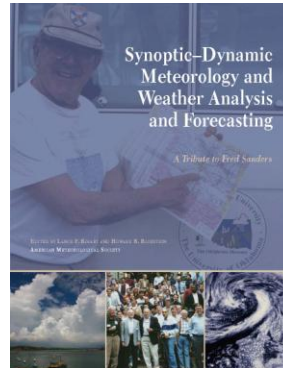
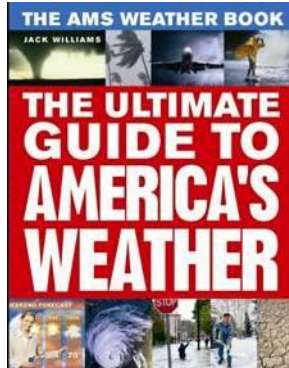
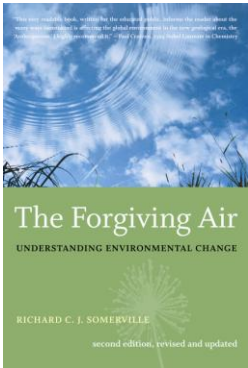
AMS BOOKS

RESEARCH APPLICATIONS HISTORY

- **WHO WE ARE:** AMS Books supports the American Meteorological Society's mission to advance the atmospheric and related sciences, technologies, applications, and services for the benefit of society.
- **OUR GOAL:** To help educate the public and advance science by publishing and distributing high-quality books unique in content and character. Genres include general trade, technical and historical monographs, and reference books.
- **OUR FUTURE:** AMS has cultivated a relationship with The University of Chicago Press to bring broader and deeper marketing, sales, and distribution to AMS Books, a significant step in the small program's evolution toward becoming a robust and solvent component of AMS publications, identifiable on its own merit to our enterprise and beyond.

AMS BOOKS

RESEARCH APPLICATIONS HISTORY



General Trade

The Forging Air: Understanding Environmental Change, 2ed, by Richard C. J. Somerville

The AMS Weather Book, by Jack Williams, May 2009

Technical & Historical Monographs

Synoptic-Dynamic Meteorology and Weather Analysis and Forecasting: A Tribute to Fred Sanders, Bosart and Bluestein, eds.

Reference

Eloquent Science, by David M. Schultz, Fall 2009

Thank you for attending!

Ken Heideman
AMS Director of Publications
(617) 227-2426 x303
kheideman@ametsoc.org
www.ametsoc.org



amspresident@ametsoc.org

