

Important information about figures in BAMS

BAMS encourages the use of color by authors and does not levy additional charges for color figures.

Figure files are used in two different ways: 1) as part of the PDF file created for **peer review**, and 2) directly for **final production** and publication.

Peer review figures

Peer-review figures can be small, stand-alone, lower-resolution files that are rendered (by the AMS upload system) into a PDF with the native manuscript, or included at the end of the Word or Wordperfect manuscript file creating an all-in-one file (which is then rendered into a PDF by the AMS upload system). The peer-review figures can be any format acceptable to the upload program. (A list of acceptable file types for peer review figures is here: http://www.ametsoc.org/au_upload/filetypes.html.) Peer review figures (at initial submission AND at revision) **must have captions** located immediately below each figure. To the extent possible, multiplepanel figure pieces should be combined into a single page.

Production Figures

High-resolution, print-quality files are used for production after the manuscript has successfully completed peer review. **BAMS requires production figures in .tif or .eps format** when possible; in the case of photos a high resolution .jpg may be acceptable.

Please also note: **production figure files should be one complete figure per file** (with all panels of any multipanel figures to appear on the same page in the same file) otherwise you may be charged for figure mounting.

Figure files for production may contain captions or not. All fonts and symbols should be embedded to avoid translation errors. These print-quality files can be uploaded as auxiliary files at the same time as the original manuscript submission (do NOT check the “include this file...” box), or they can be added to the existing package later or upon acceptance. File names for the production figures should contain the figure number in the file name.

Figure Preparation Guidelines

- The size of submitted figures should closely approximate the intended published size.
- Panel letters should be close to the upper left corner or within the illustration so that the figure detail is not needlessly reduced to include the label. As an alternative to panel letters on illustrations, descriptive wording such as upper (lower), left (right), top, middle, or bottom may be used in text and figure captions.
- Uppercase lettering and numbers for coordinate labeling and graphic symbols used within illustrations and legends should be at least 1.5 mm after size reduction, and for other internal labeling, such as isopleth labeling, at least 1 mm.
- Line thickness should be at least 1/2 point, or 0.1 mm after reduction to journal size.

- Color images should be saved in CMYK mode, not RGB. The RGB color image can be converted to CMYK, but there will be a compression of the color range. To ensure usability of your files, please try to achieve a resolution of 300 dpi for grayscale and color figures and 1200 dpi for line drawings.
- Nonessential information, internal grid and external border rules, and redundant headers that appear in the figure caption should be omitted from the graphic illustration. Figure citations in text must be in numerical sequence. (Although preliminary citations to later figures may be made parenthetically.) Captions should match illustrations.