Figure and legend must fit within this box

2 column = 7 in (42.25 picas)

1 column = 3.4 in (20.38 picas)

GUIDE TO PREPARING FIGURES

For online publication, figures will need to be formatted differently than at submission. Figure files must be created and uploaded separately from the manuscript text as individual files.

FILE FORMATS: We prefer vector-based files but can accept the following file types: ai, eps, layered psd, jpeg, pdf, png, and tiff. Please always provide the native figure files; native files give us maximum flexibility for sizing your figures properly and maintaining print-quality resolution at any size. **Do not convert unaccepted files to an accepted file format**. Converting will impact the quality of your figures in final publication.

Note that production figure files must exactly match the accepted version of your manuscript. Figures embedded in Microsoft Word and Microsoft PowerPoint files are not allowed.

FIGURE LAYOUT

Our production team will use your suggested layout as a guide, but we may rearrange or scale figures owing to production constraints. When laying out your figures:

- Avoid wide variation in type size within a figure.
- Maximize the space given to the presentation of the data.
- Avoid wasted white space.

LABELS

Your manuscript will be typeset in 10-point Minion Pro font. The figure captions are set in 7.5 Benton Sans Condensed. For consistency, we suggest using these sizes and fonts for any text or labels in your figures. Please provide your caption text separately; do not embed the caption into the figure itself.

IMAGE TYPES

When possible, supply vector-based files such as those produced by Adobe Illustrator. Vector files give us maximum flexibility for sizing your figures properly. They maintain high print-quality resolution at any size. **Do not rasterize line art or text.**

Vector or line art:
eps, ai, pdf, svg
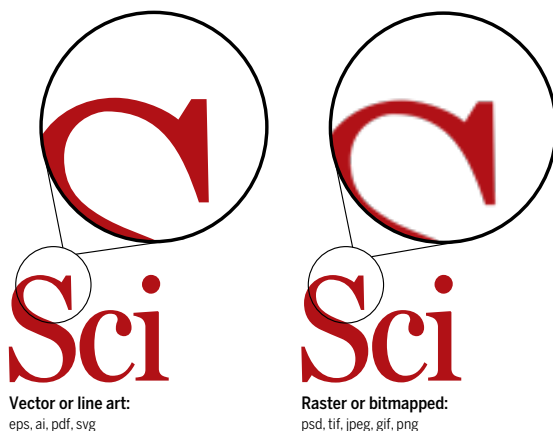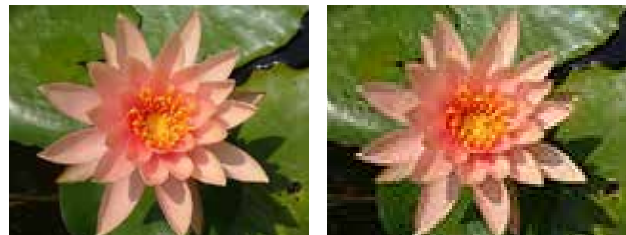
Raster or bitmapped:
psd, tif, jpeg, gif, png

FIGURE DIMENSIONS

For best results, please size your figures to be one or two columns wide. One column is 3.4 in. (20.38 picas), and two columns is 7 in. (42.25 picas).

RESOLUTION

All figures and images should have a minimum resolution of 300 dots per inch (dpi) at final print size. Embedded images within a vector file should also have a minimum resolution of 300 dpi.

Up-sampling artwork (artificially increasing file size or resolution) will not improve quality and causes production problems.
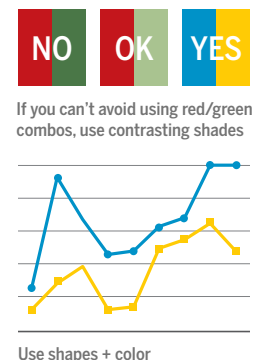

300 dpi

72 dpi

COLOR-DEFICIENT VISION

Avoid using red and green color combinations, but if they can't be avoided, use strongly contrasting shades and add shapes and/or textures to identify the different parts of a figure. Check your figure color palette at these links:

- http://safecolours.rigdenage.com/palettefiles.html
- http://www.visibone.com/colorblind/

If you can't avoid using red/green combos, use contrasting shades

Use shapes + color

COLOR CONVERSION

All color figures must be supplied in RGB format (red, green, blue) and not CMYK (cyan, magenta, yellow, black).