Tips on Resizing Images for Digital Competition

These instructions will guide you through the resizing process for Adobe products. Other image processing software will have similar resizing steps available. We have tested images resized with these methods carefully and are satisfied that the image quality for digital competition and display by a good projector is excellent. We need the images resized in order to receive them by e-mail and fit them into Power Point without extra work by the competition committee. Using these instructions gives you control over the quality of your images without intervention by members of the competition committee.

I.   Make all exposure and other modifications to your image.

II.   Crop your image to the size and aspect ratio you feel is best for your image.

III.   Use your image processing software image size process to create an image with the **height** set to 1080 pixels long, the resolution 96 Pixels Per Inch and the quality to 8 (or 80%).

   A.   For Adobe Photoshop and Photoshop Elements

   1.   Open Image (Top Tool Bar) > Image size (From Drop Down Box) [In Elements it is Image > Resize > Image Size].

   2.   In the Image Size box, check the constrain proportions box near the bottom of the image size box to keep your crop aspect ratio intact.

   3.   In the Document Size box, Resolution line, enter 96 and choose pixels per inch. **NOTE: The order of operations is important here. Change PPI before finalizing the height dimension.**

   4.   In the Pixel Dimensions area (top of the image size box), set the **height** number to 1080 and choose pixels in the Pixel Dimensions area (the second number will automatically adjust since you checked constrain proportions).

   5.   Click OK to finish the resizing process

   6.   Save the final image as a jpeg file by opening the File>Save As menu

   7.   In the pop up box, Choose the folder you want to save the image to (top of box) and then enter the name that fits competition naming conventions (e.g. L1_NA_Your Name_file name)

   8.   Choose the jpg file type

   9.   Click the Save button

   10.   The JPEG menu will pop up. Adjust the quality slider to 8 and click Save.

B.   For Adobe Lightroom

1.   In the Library module, select your image and choose Export (lower left tool panel) Or use short cut Ctrl+Shft+E.

2.   In the pop up box,

   a.   Choose Export to hard Drive (top of box)

   b.   Specify where you want to put the resized image in the Export Location area (be sure to <u>uncheck</u> the "put in subfolder" box)

   c.   Use the File Naming area to rename your image to fit the naming convention specified in the rules (e.g. L1_NA_Your Name_ file name)

   d.   In File settings, choose jpeg and set quality to 80%

   e.   In Image sizing, check Resize and choose Long Edge for Portrait crops or Short Edge for Landscape crops in the box immediately to the right. (You are setting the <u>height</u> to 1080 so for portrait crops the height is the long edge and for landscape crops the height is the short edge.)

   f.   On the second line in Image Sizing, enter 1080 and choose pixels then enter 96 for resolution and choose pixels per inch

   g.   In the Output Sharpening box, choose sharpen for screen

   h.   Review your work and click Export