

Introduction

This guide is to help members prepare their images for projection at the club. Resizing images for printing is a completely different exercise and is not included in this guide.

Truro Camera Club uses a projector with a resolution of 1600 x 1200 pixels for all projected digital images. To ensure your images are displayed and projected at their best it is important that they are resized correctly.

These guidelines cover the three most popular editing software packages; Photoshop, Photoshop Elements and Lightroom. If you currently use other programs then you may find some guidance from on-line tutorials.

Basic requirements

Your image needs to fit inside a 'window' 1600 pixels wide and 1200 pixels high.

The colour space of your image should be sRGB.

The file format must be JPEG.

Photoshop

- (a) Open Photoshop
- (b) Click File > Open
- (c) Select the file / image you require and click Open
- (d) Select Image > Image Size
In the Image Size dialogue box ensure –
 - (i) the Width and Height boxes are linked
 - (ii) the units are pixels
 - (iii) do not change the Resolution setting
 - (iv) check Resample and set to Bicubic Smoother (enlargement)
 - (v) set the width to 1600 or height to 1200 depending on the shape of the image – landscape or portrait
- (e) Click OK
- (f) Click File > Save As. Save in JPEG format
- (g) In JPEG Options set Quality to 12 and click OK

Photoshop Elements

- (a) Select the image in 'Organiser' then load 'Editor' (found at the bottom of the screen)
- (b) Select Image > Resize > Image Size
In the Image Size dialogue box ensure –
 - (i) the Width and Height boxes are linked
 - (ii) in Pixel Dimensions the units are pixels
 - (iii) ensure Scale Styles, Constrain Proportions and Resample Image are checked. Set Resample Image box to Bicubic (best for smooth gradients)
 - (iv) set Width to 1600 or Height to 1200 depending on the shape of your image. Note that a 'high' landscape format will be limited to a height of 1200 pixels.
 - (v) Click OK
- (c) Select File > Save As
In the Save As dialogue box ensure –
 - (i) Format: is JPEG
Organise: check Include in Elements Organiser
check Save in Version Set

Colour: Colour Profile sRGB

- (ii) Click Save
- (d) In JPEG Options set Quality to 12 and click OK

Lightroom

- (a) Open Lightroom
- (b) In the Library module select your image
- (c) Click on Export (bottom left)
- (d) In the Export One File
 - (i) Export To: Hard Drive
 - (ii) Export Location
 - Export to: Same folder as original photo
 - Check 'Add to this Catalogue'
 - Check 'Add to Stack'
 - Existing Files: 'Ask what to do'
 - (iii) File Naming Check Rename to: Filename – sequence
 - (iv) Video – not relevant
 - (v) File Settings
 - Image Format: JPEG Quality: 80
 - Colour Space: sRGB
 - (NB Do not check Limit File Size To:)
 - (vi) Image Sizing
 - Check Resize to Fit: Width and Height
 - (NB Do not check Don't Enlarge)
 - Set W: 1,600 H: 1,200 pixels
 - (NB Leave Resolution unchanged)
 - (vii) Output sharpening
 - Check Sharpen for: Screen
 - Amount: Standard
 - (viii) Metadata
 - Include: All Metadata
 - Check Remove Person Info
 - Check Remove Location Info
 - (NB Do not check Write Keywords as Lightroom Hierarchy)
 - (viii) Watermarking
 - Do not check Watermark:
 - (ix) Post Processing
 - After Export: Do nothing

(At this point you can create a User Preset which will make your life very much easier when you next resize an image).

- (I) On the bottom left of the Export One File dialogue box click Add
- (II) In the New Preset dialogue box give the new preset a name (e.g. TCC 1600x1200) and click Create.

Now, whenever you need to resize an image for a club competition just click on 'TCC 1600x1200' and all the correct settings will be selected.)

- (e) Click on Export. A new, correctly sized, image will now exist in your Lightroom library.