How to resize an image to use as a Projected Digital Image (PDI)

In order to show your images to their best advantage in Projected Digital Image (PDI) competitions there are 3 important criteria you should adhere to and 1 criteria which is not as important, but can impact the file size of your image (some competitions ask for e.g. maximum file size of 2Mb).

The following instructions are intended to assist members of Morriston Camera Club show their PDIs to meet the PAGB/WPF standards.

The important criteria are;

Colour Space – sRGB - Digital projectors generally use the sRGB colour space so in order to show your image to its best potential, it should also be in the sRGB colour space.

Quality – should be Highest Quality JPEG

Pixel size (width x height) - no bigger than a maximum of 1400 pixels width **and** a maximum of 1050 pixels height

The not so important criteria is **Resolution**. The resolution has little, if any, impact on the presentation of the image as a PDI. (**THIS DOES NOT APPLY TO PRINTS WHERE RESOLUTION IS VERY IMPORTANT)**. Historically PDI resolution has used 72 pixels per inch as this tends to result in a file size of around 1Mb/2Mb – easily e-mailed. Higher resolution results in a larger file size. For the purposes of this document we shall assume that a resolution of 72ppi is required.

As there are any number of photo manipulation software programs which allow you to resize your images, it would be impractical to have a set of instructions for them all.

If there is a requirement for a set of instructions for a specific program, let us know.

In addition, these programs are being continuously upgraded so it would be a mammoth task to keep this document up to date at all times – but it should not be too difficult to distinguish between different versions of the same program. For example, most versions of Photoshop have the same boxes/choices although they will look slightly different between versions.

As with most photo manipulation programs, there are a number of ways of doing the same thing – feel free to experiment and develop your own way of doing this – if you chose.