

# Resizing a Digital Image for Online Submission

## **Why are there specific requirements for online submissions?**

Images are meant to be shown on specific devices or embedded on certain websites. Devices that show or project images have a certain resolution, for example, a width of 1920 pixels and a height of 1080 pixels. CAPA, on the other hand, has image size requirements of 1400 x 1050 pixels (width x height). If an image would have the dimensions of 3060 x 2040 pixels, the image would not be shown as intended on the device, only parts of the image would be seen. So it has to be resized to fit on the screen.

## **Why can't the images be resized by the presenter?**

Simple answer: they could be resized by the presenter. But: Resizing means editing an image. The images would be saved as a new .jpeg file. The presenter would choose the compression rate. And he cannot do this for each image individually, he would have to batch process a whole bunch of images. This could lead to an unfavourable outcome for some images. All these decisions should be left to the author of the image. A presenter should never edit an image.

## **How do I resize an image?**

I don't know, how many possibilities exist. I myself use different methods. I will only explain some methods which will work on desktop/laptop PCs/Mac with probably any image editing software and even with many image viewing programs (there are a lot of freeware or shareware programs). And as an example, I want to resize for the 1920 x 1080 dimensions.

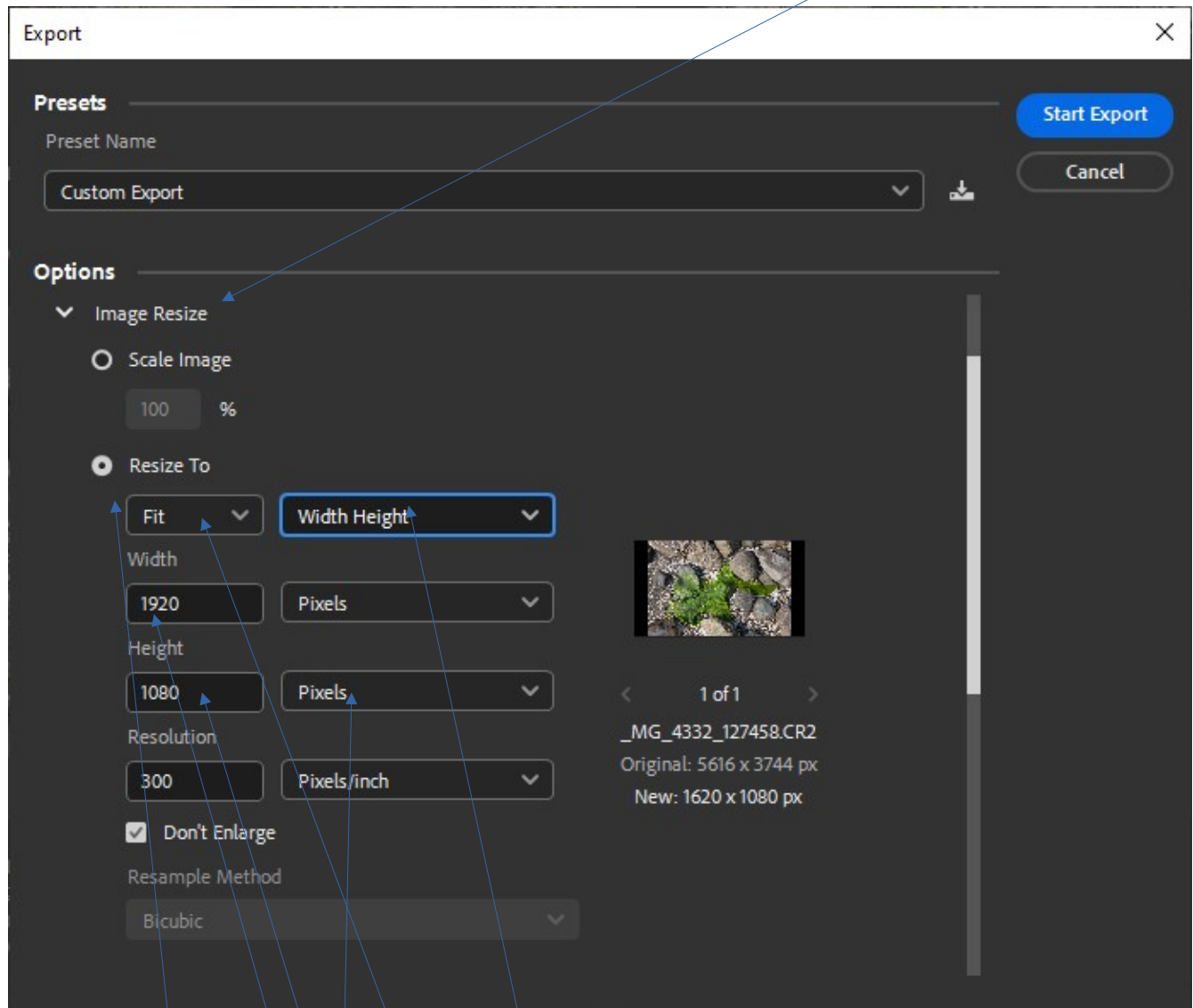
Find the menu where you can resize the image (sometimes under Image Size like in Photoshop, sometimes under Export like in Photoshop, Lightroom, Bridge and DXO Photolab, sometimes under Scale Image like in GIMP, sometimes under Convert & Save like in Canon's Software, sometimes under Resize like in Irfanview).

**The easiest way is when you software has an option to fit images** in width x height (Adobe Bridge, Adobe Photoshop Lightroom Classic or DXO Photolab). You basically tell your software that the image should fit in 1920 x 1080 pixels, and the software will do it. Not a lot to think at all, just find the menu.

## Adobe Bridge:

File -> Export to...-> Custom Export

Under the following Export dialog you will find Image Resize.



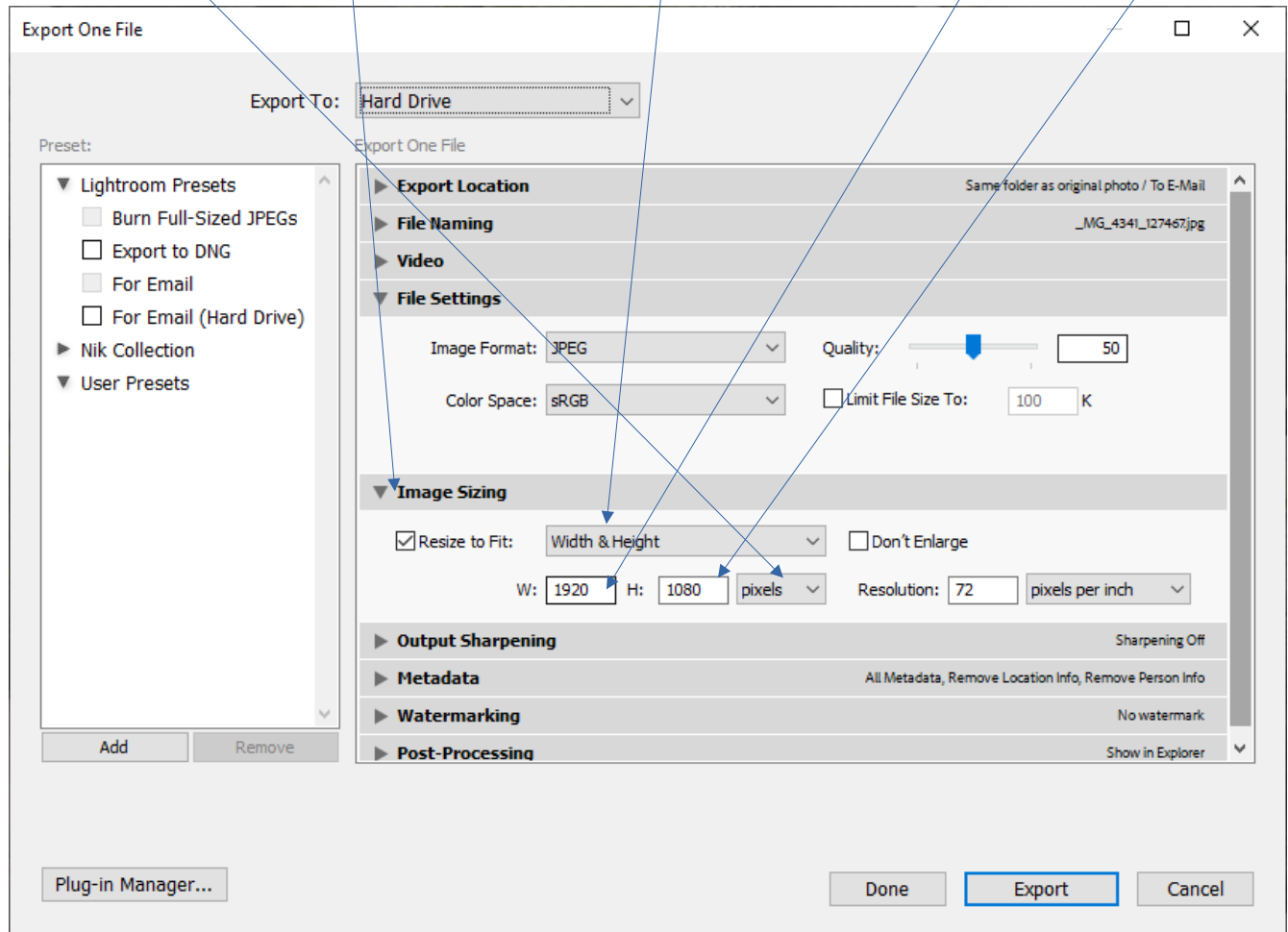
Select Resize To. Choose Fit: Width Height

Enter the right dimensions, Resolution basically matters only for printing. And then export.

## Adobe Photoshop Lightroom Classic:

File -> Export...

Scroll down to Image Sizing, select Width & Height. Set W: to 1920, H: to 1080, select pixels.

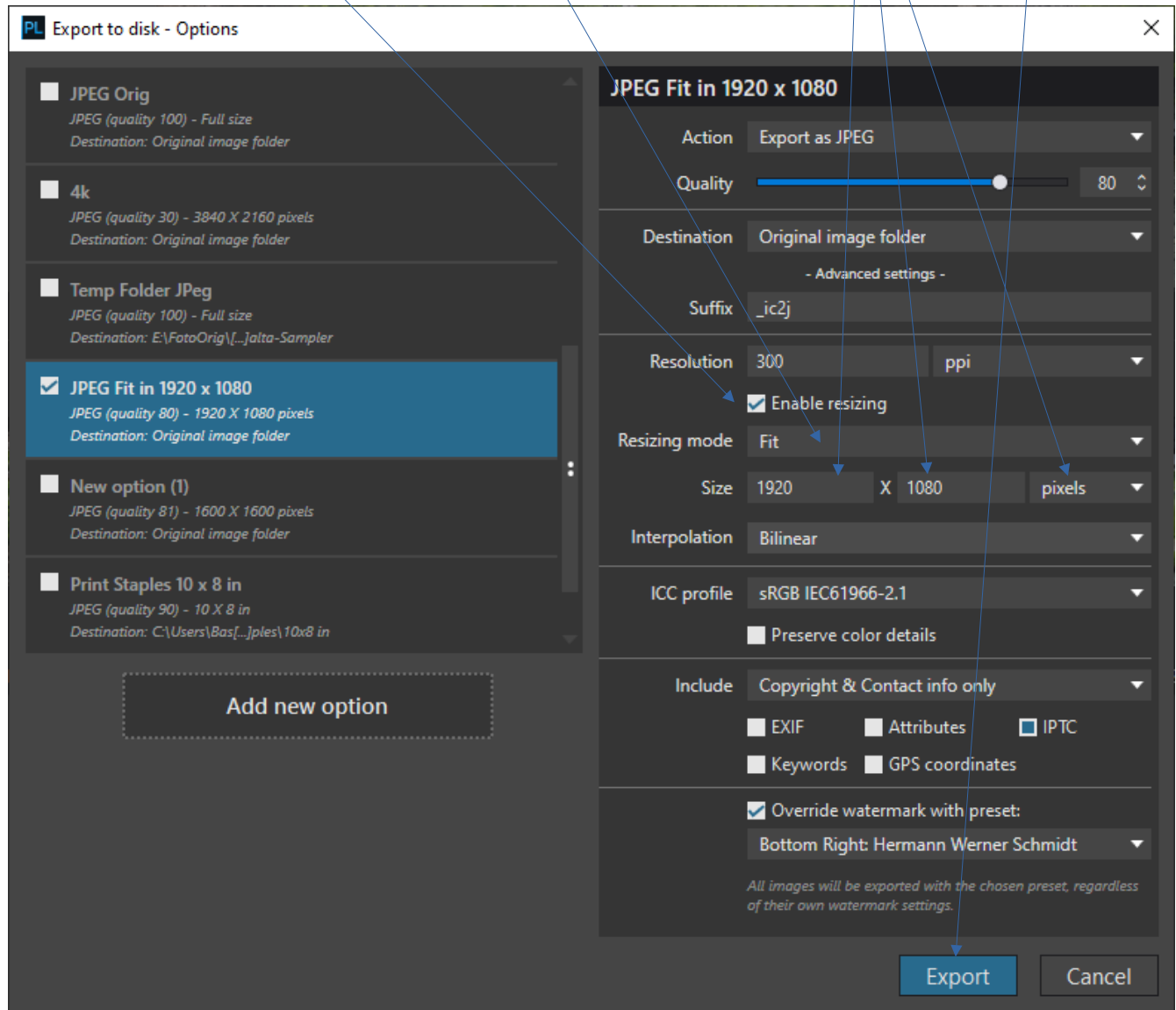


Of course you have to select your Export Location, Image Format, Color Space, Quality (usually Medium 50 is fine). But this is not the topic right now.

This dialog does not exist in Adobe Photoshop Lightroom (without Classic)!

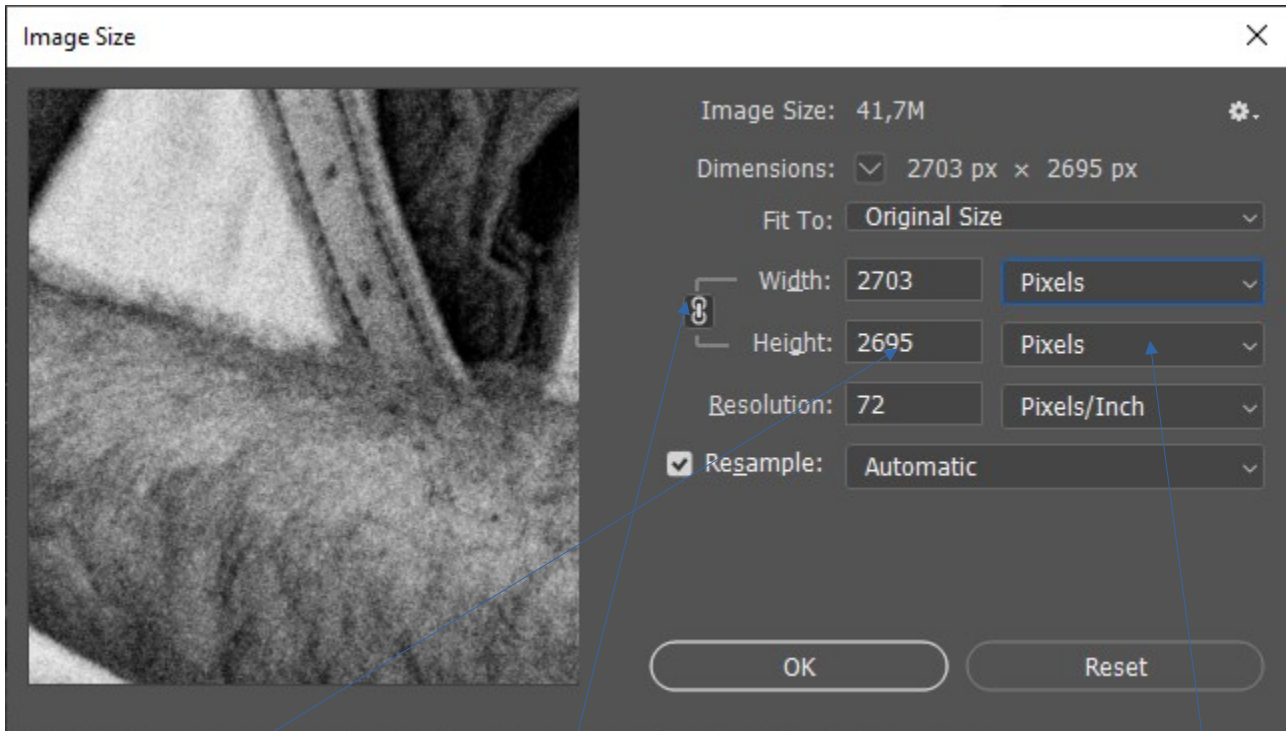
The process in **DXO Photolab** is similar.

Export to disk, enable resizing, choose fit, enter the dimensions and export.

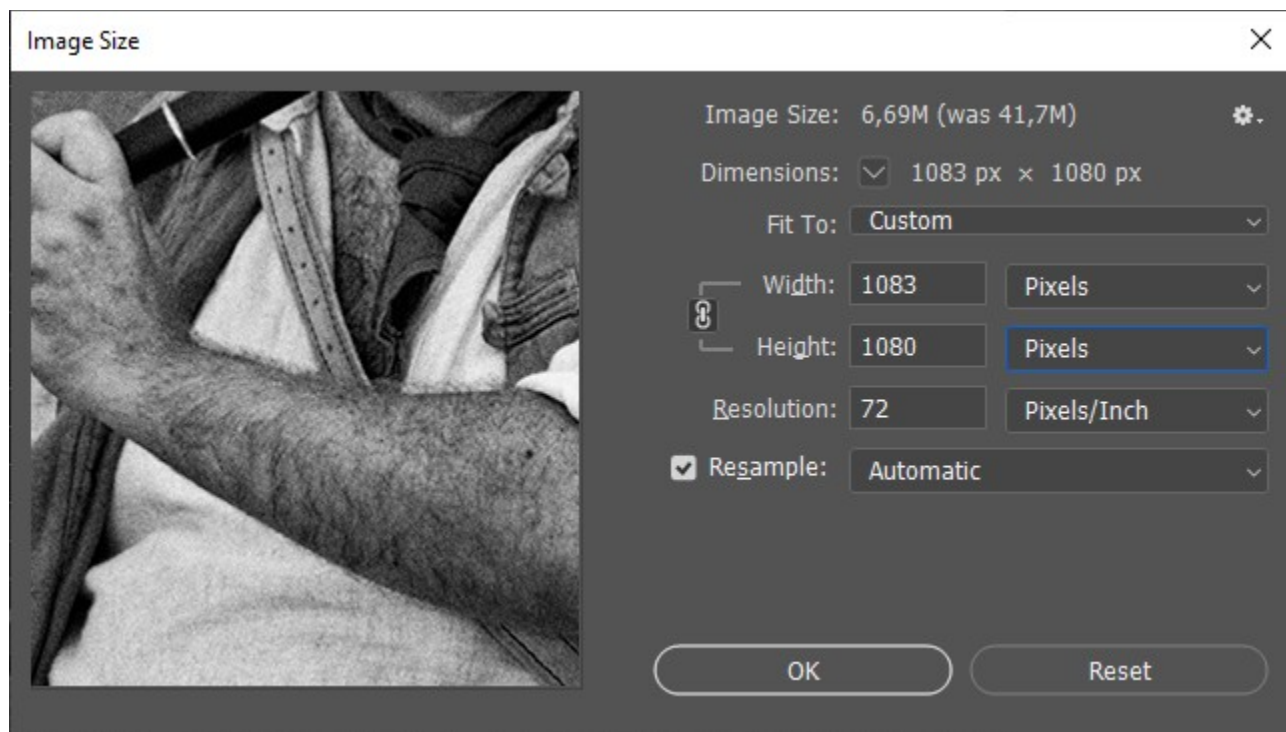


**The second easiest way is a trial and error method.** So nothing really to think about, just paying some attention. In these cases you can change the size of either width or height in pixels and you can see the effect on the other side of the image if you lock the aspect ratio resp. the proportions. This method works in Adobe Photoshop, GIMP or Irfanview. In general, the limiting factor in resizing photos for the 16:9 format is the height unless you have a panorama.

## Adobe Photoshop: Image -> Image Size



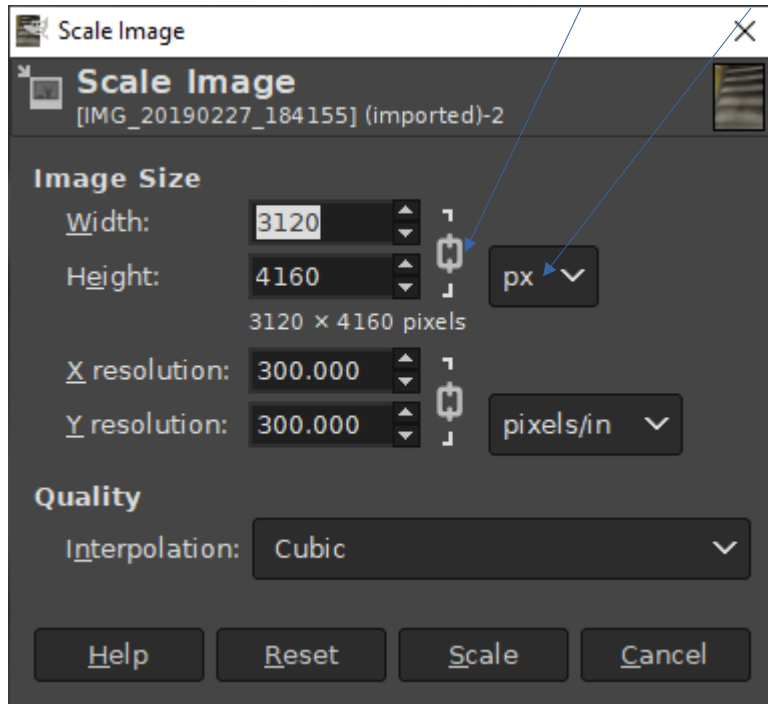
Make sure Width and Height are locked as shown in the screenshot and Pixels are selected on the right. It looks like the height will be the limiting dimension. Enter 1080 behind Height, press the Tab-key, and you see that the width is under the maximum of 1920 pixels. If you have a very wide panorama, then enter 1920 behind Width and then check the Height. If everything is okay, then click OK and your resizing job is done.



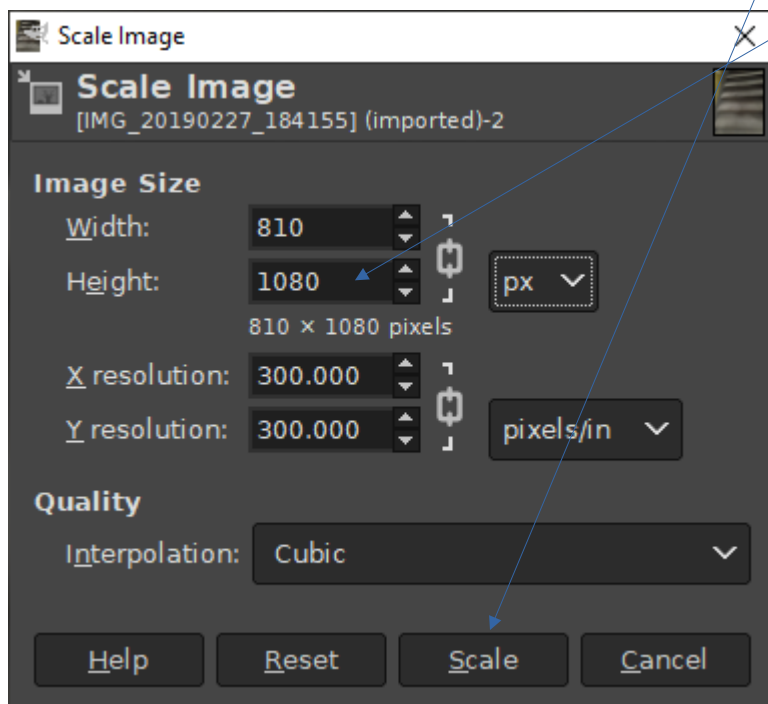
## GIMP:

Image -> Scale Image

Make sure Width and Height are locked and px are selected.



Since Height seems to be the limiting dimension, enter 1080 and press the Tab-key, the Width will be adjusted and you can Scale.

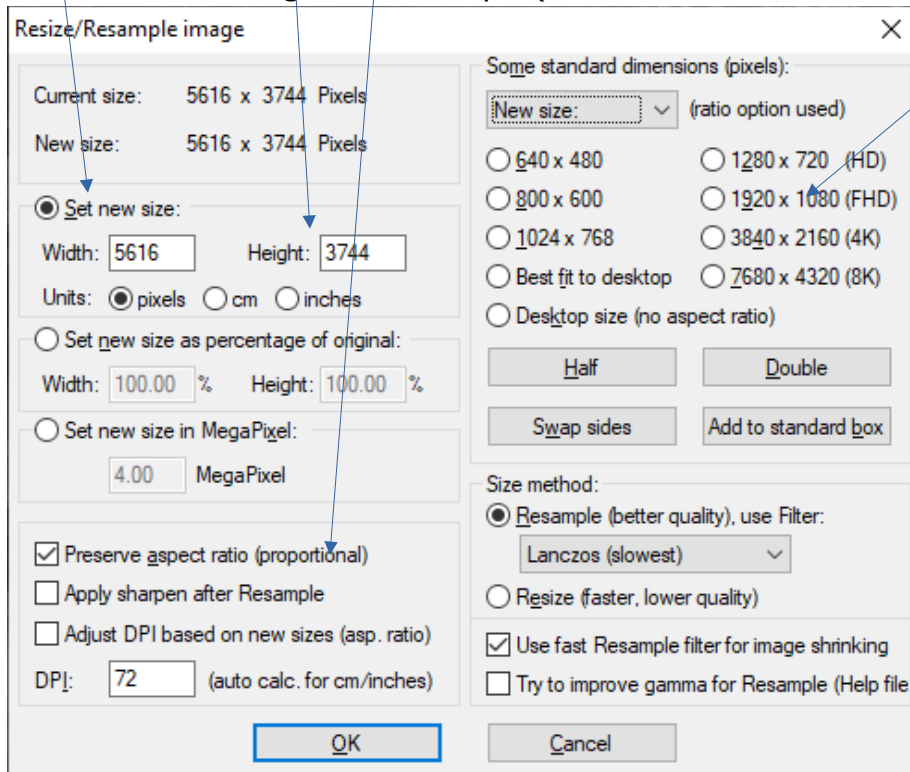


## Irfanview:

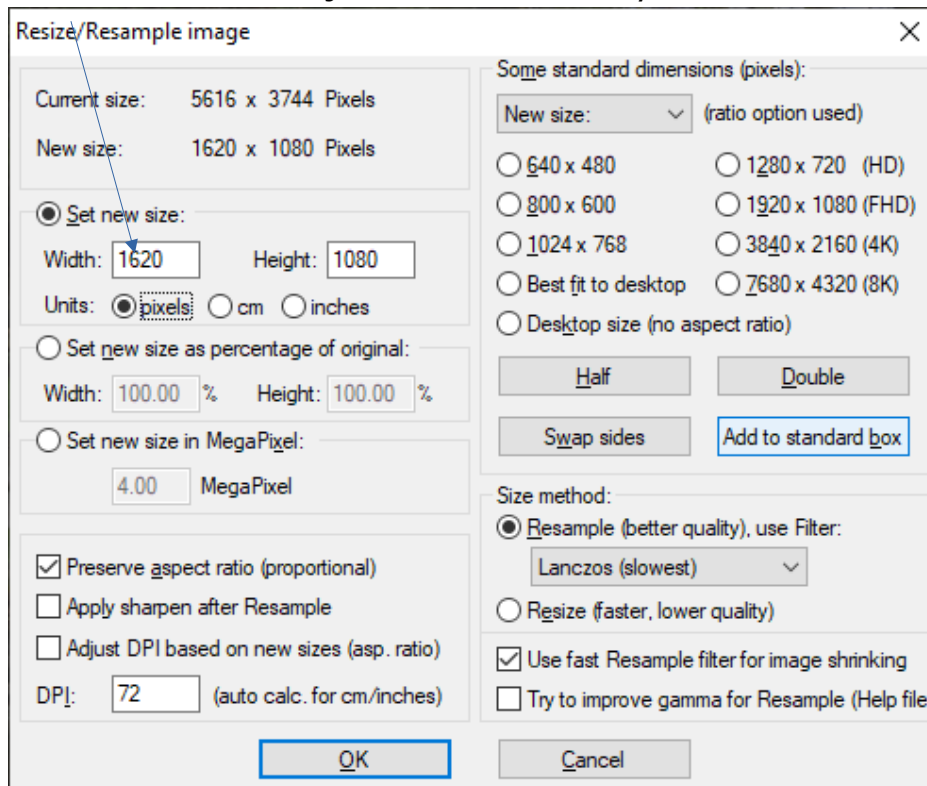
Image -> Resize/Resample...

Make sure that Preserve aspect ratio (proportional) is selected.

Set new size: Height to 1080 px (Do not use 1920 x 1080 on the right!)

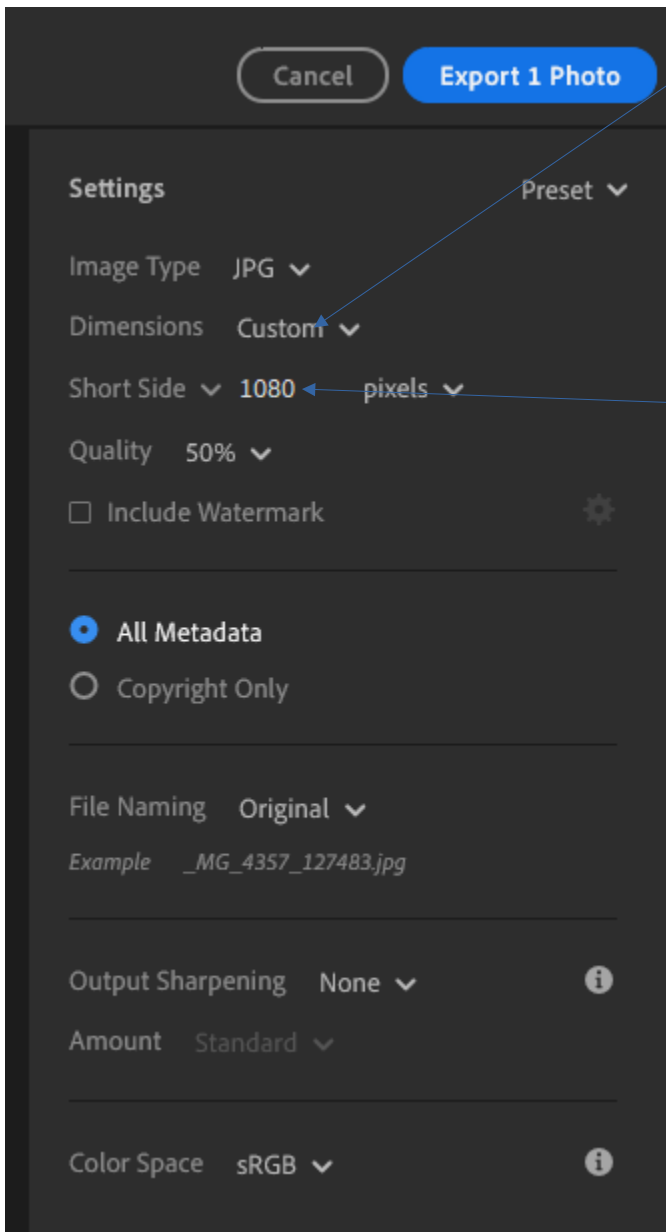


The Width will be adjusted automatically. Then OK and Save



**In Adobe Photoshop Lightroom (without Classic) it is more difficult to resize the image.**

In the Export dialog you have to select Custom Dimensions.



If you have an image that is wider than the 16:9 format (panorama) then choose Long Side and enter 1920 pixels.

In all other cases of images that are wider than high (landscape) choose Short Side and enter 1080 pixels.

If the image is higher than wide (portrait) choose Long Side and enter 1080 pixels.

If the image is square, enter 1080 pixels, Long Side or Short Side don't matter.

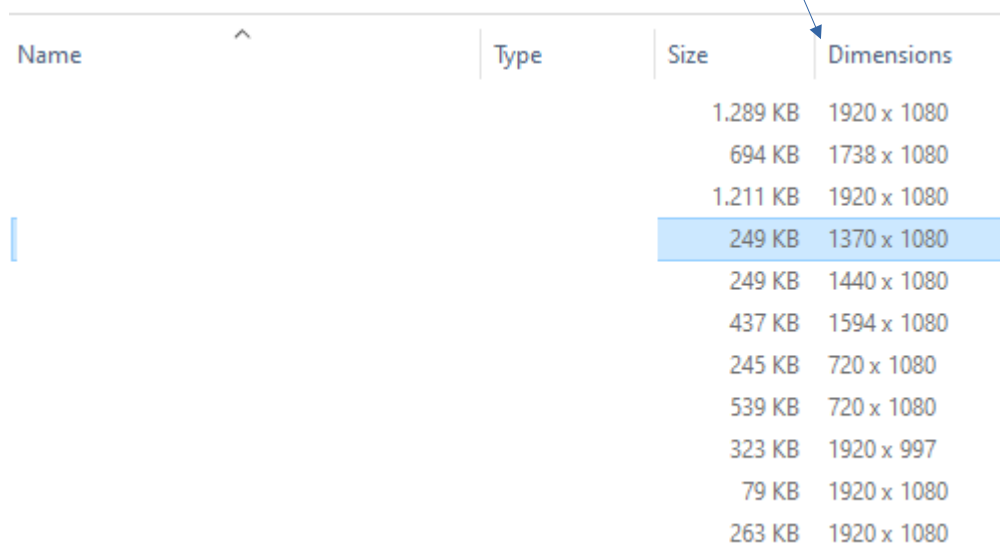


## Check your files

You can do this in the image editing or viewing programs.

When I download submitted photos, I put them in a special folder. In this folder I can also see the dimensions. This way I can quickly check if the images meet the criteria for size and dimensions. I do the same thing when I submit images.

You can enable dimensions in Windows Explorer by right-clicking anywhere in the column header.



Name	Type	Size	Dimensions
		1.289 KB	1920 x 1080
		694 KB	1738 x 1080
		1.211 KB	1920 x 1080
		249 KB	1370 x 1080
		249 KB	1440 x 1080
		437 KB	1594 x 1080
		245 KB	720 x 1080
		539 KB	720 x 1080
		323 KB	1920 x 997
		79 KB	1920 x 1080
		263 KB	1920 x 1080

## Resizing on mobile devices:

Google Photos and Snapseed don't have a resizing option. You need a dedicated app for resizing. I have no experience with this, I always resize on my desktop computer.

## Questions? Something wrong or could be explained better?

Don't hesitate to contact me!

## Need online support?

Install TeamViewer QuickSupport and contact me.  
(<https://www.teamviewer.com/en-ca/download/>)

## Want more programs listed?

I need screenshots from users of these programs.

Happy resizing!

**Werner**