

Nikon Capture NX "How To..." Series

Article 1 - How to convert multiple RAW (NEF) images into JPEG format, for use on a web page.

Procedure:

Step 1 - Resize an image.

Step 2 - Save "Size / Resolution" step as a "Settings" file.

Step 3 - Open the batch process "Settings Options" dialog.

Step 4 - Specify the folder containing the RAW (NEF) images to be processed.

Step 5 - Specify the "Settings" file to be used by the batch process.

Step 6 - Specify a destination folder for processed images.

Step 7 - Specify the file format.

Step 8 - Start the batch process.

Step 9 - The processing queue is displayed.

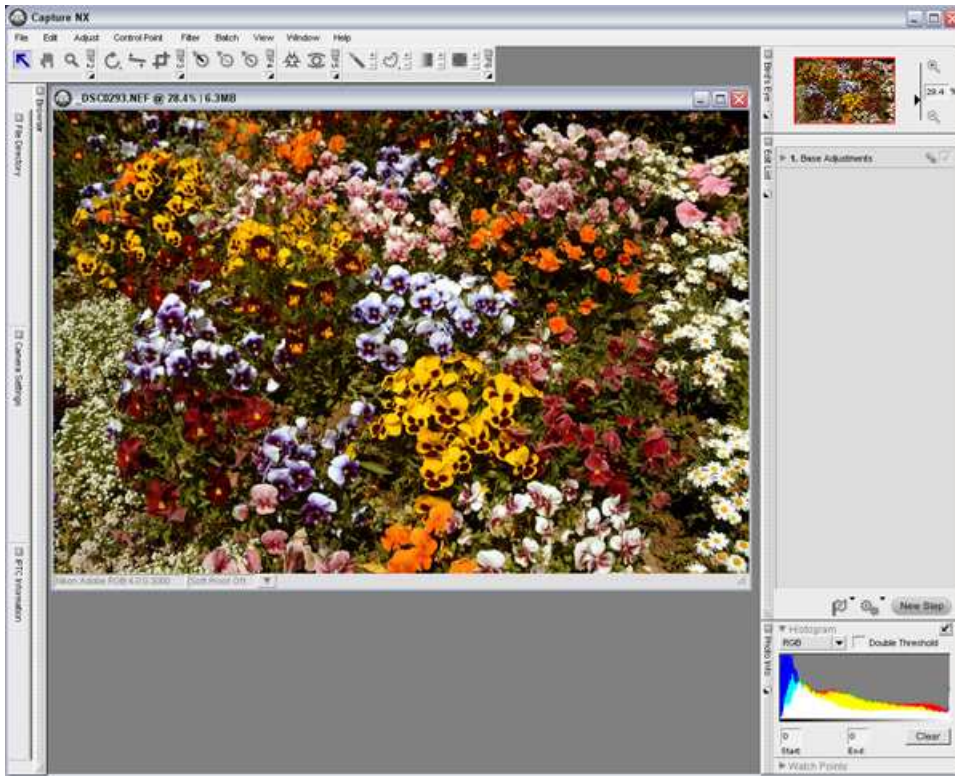
Step 10 - The batch process is complete.

Step 1 - Resize an image (example: Changing the width of a landscape image to 400 pixels)

1-1 Open a RAW (NEF) image.

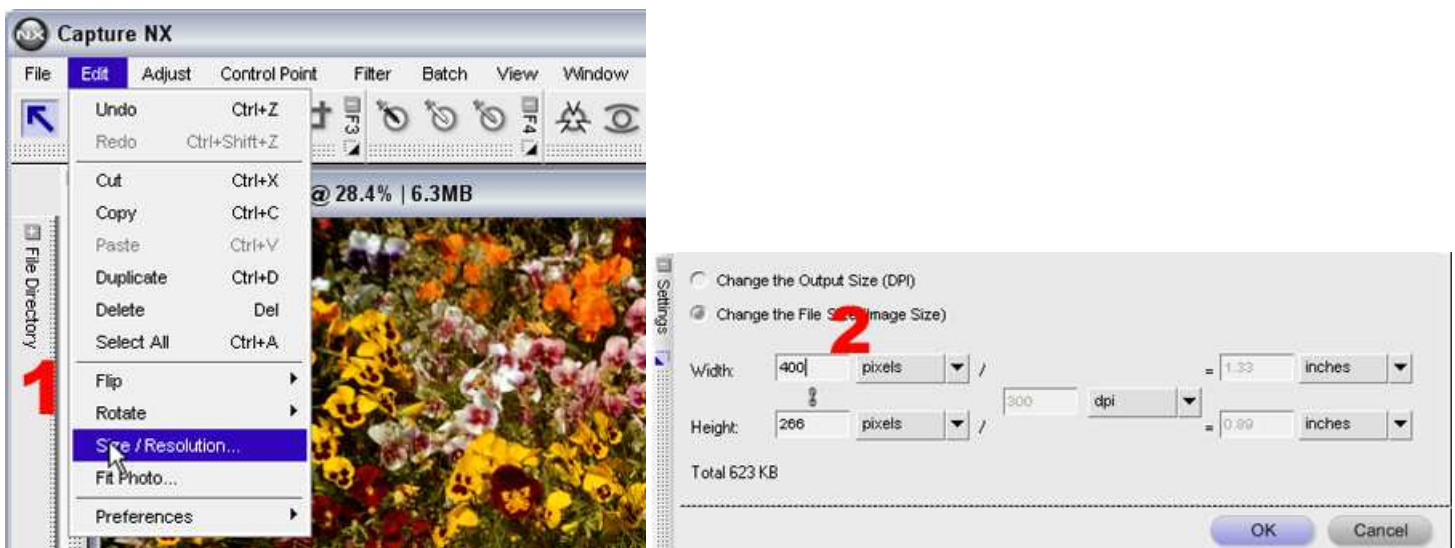
To perform the batch process, a Settings File must be created in advance. This example shows how to create a Settings file for reducing image size for use on a website. First, choose "Open Image..." from the "File" menu to open a RAW (NEF) image.

NOTE: Capture NX v1.1.0 allows Batch processing without the use of a Settings File if you just wish to convert images from RAW (NEF) to JPEG. If you do not have this version, and you want to update to the latest version, you may update your [Windows version here](#) , or your [Macintosh version here](#) . To learn how to resize the image to specific pixel size, please continue.



This example uses an image captured in landscape orientation. If the batch process will be used to resize multiple images in both landscape and portrait (tall) orientation, with the camera's "Auto-Rotate" option enabled, images captured in portrait orientation are reduced based on the longer side (height). As a result, the size of the images captured in landscape orientation and those captured in portrait orientation will be the same.

1-2 Resize the image



(1) Select "Size / Resolution..." from the "Edit" menu.

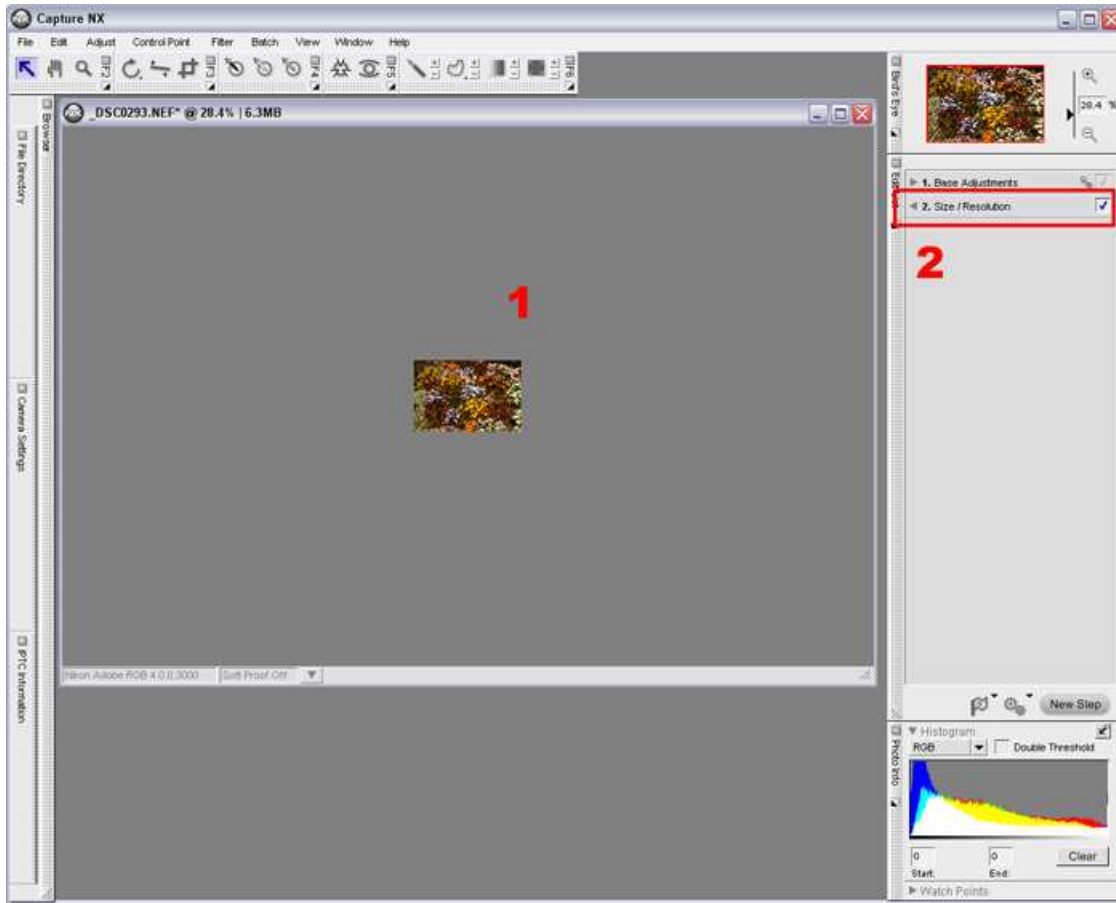
(2) Select the "Change the File Size (Image Size)" radio button, enter "400" in the "Width" box with "pixels" selected from the pulldown window, and click "OK".

Note: When image size is modified by specifying a size in the "Size / Resolution" dialog's "Width" box, image height is automatically calculated to preserve aspect ratio. The same principle applies to size modification specifying a size in the "Height" box.

1-3 Verify resizing results

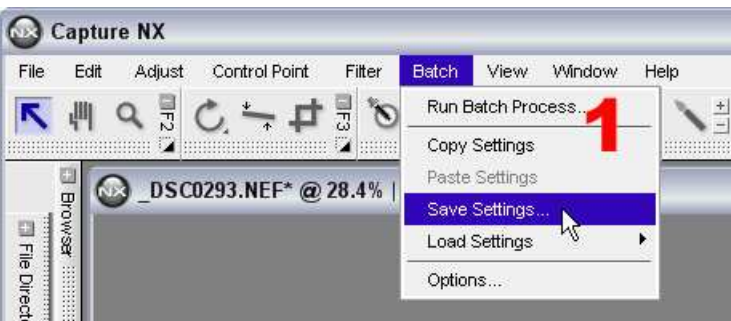
(1) Image size is reduced.

(2) A "Size / Resolution" step is added to the "Edit List", we will save this step as a batch process "Settings" file.



Step 2 - Save "Size / Resolution" step as a Settings File

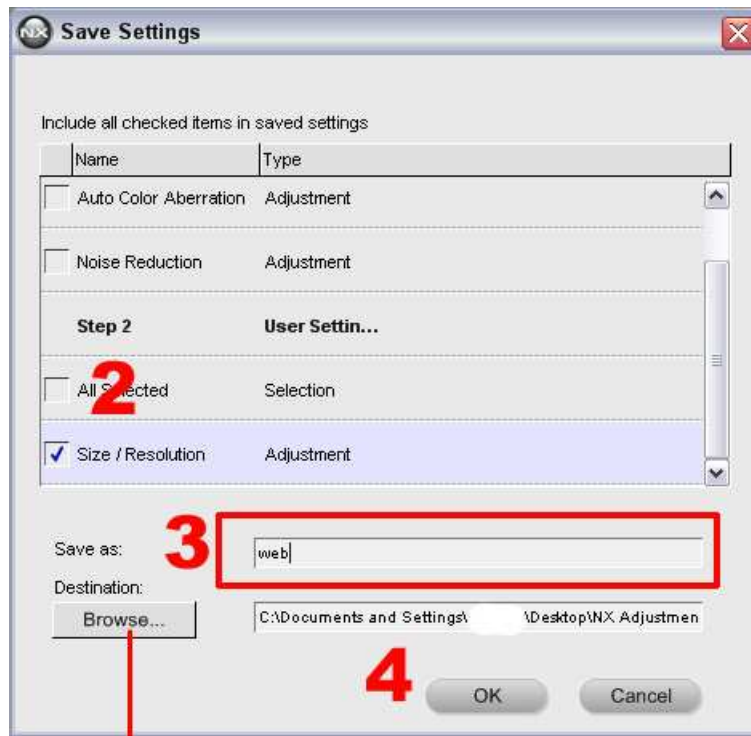
(1) Select "Save Settings.." from the "Batch" menu



(2) Check only the "Size / Resolution" checkbox in the "Save Settings" dialog.

(3) Enter a name for the Settings File in the "Save As.." text box. We will use "web" in this example.

(4) Click "OK".

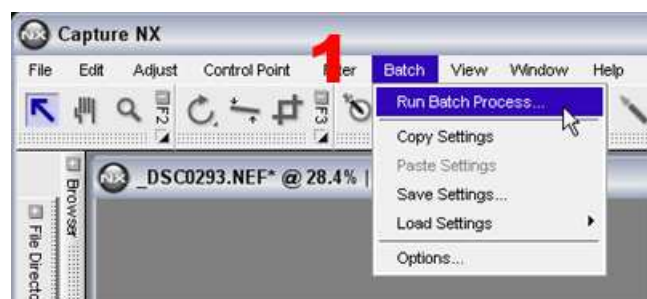
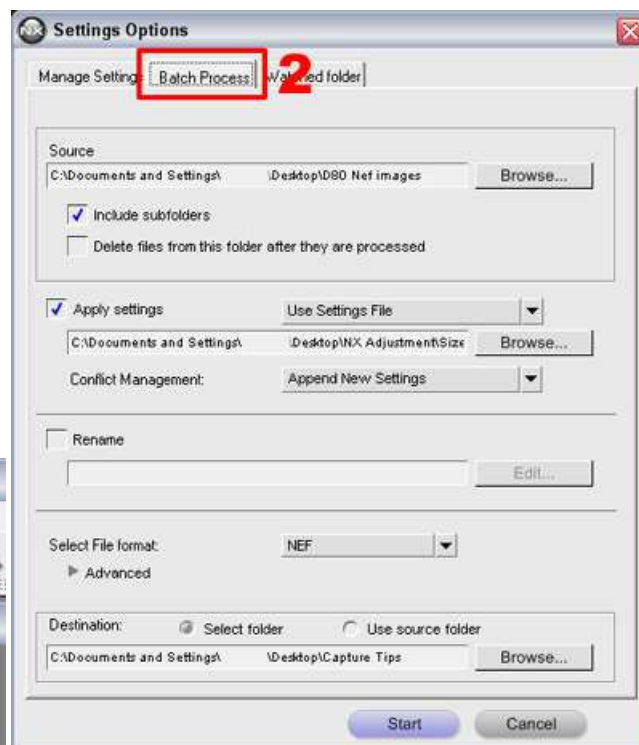


You can choose a new destination folder for the Settings file, or use the default destination folder. If you choose to use the default destination folder, be sure to note the path to that folder as it is deep in the hierarchy structure.

Once the new Settings File has been saved, close the current image.

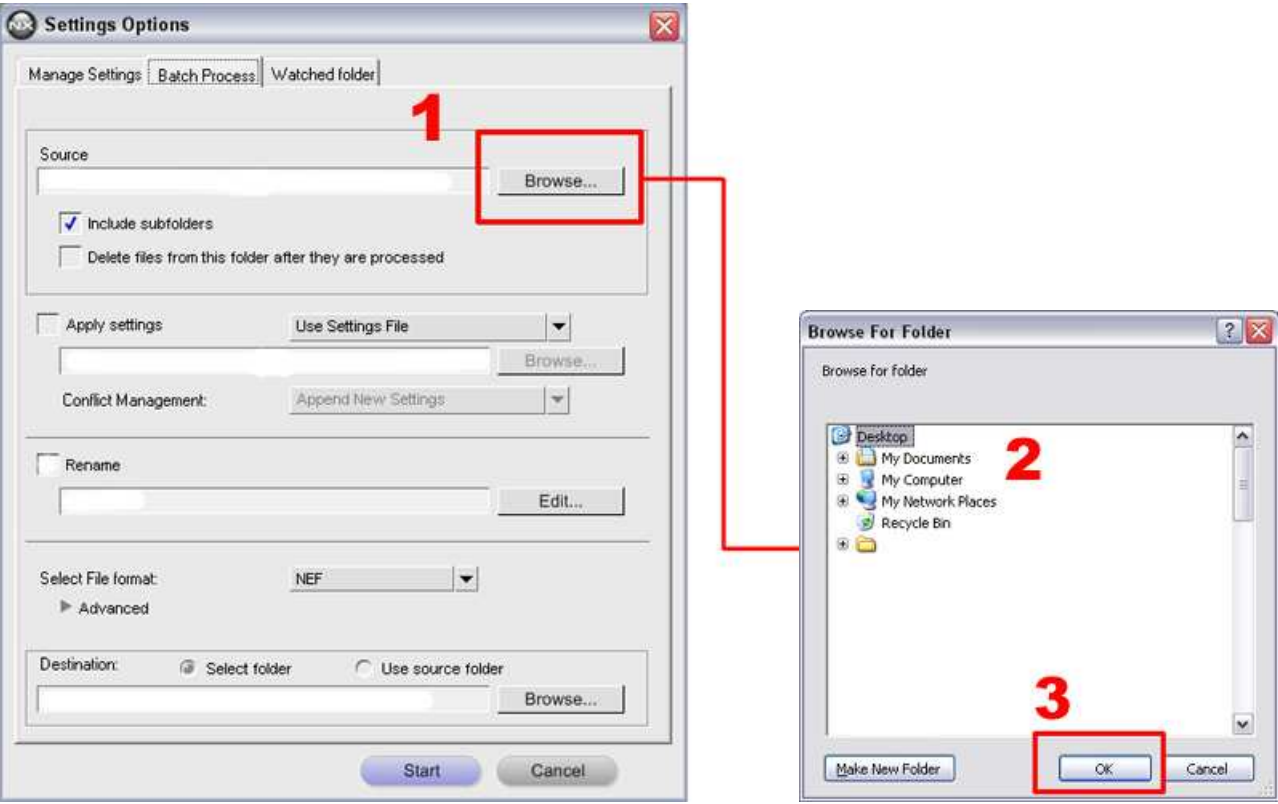
Step 3- Open the batch process "Settings Options" dialog.

- (1) Select "Run Batch Process..." from the "Batch" menu.
- (2) Click the Batch process tab in the "Settings Options" dialog.



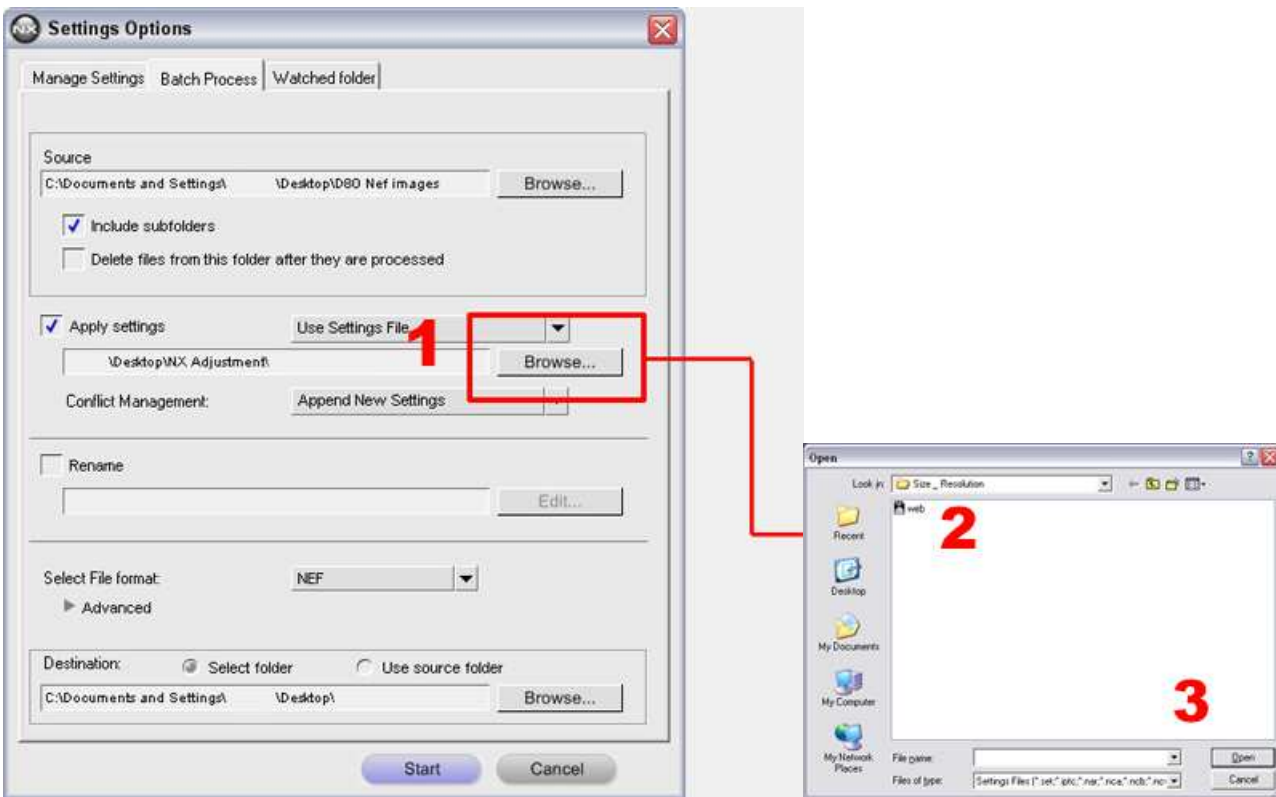
Step 4- Specify the folder containing the Raw (NEF) images to be processed.

- 1) Click "Browse..." in the "Source" area.
- 2) Choose Source folder containing the images to be processed.
- 3) Click "OK".



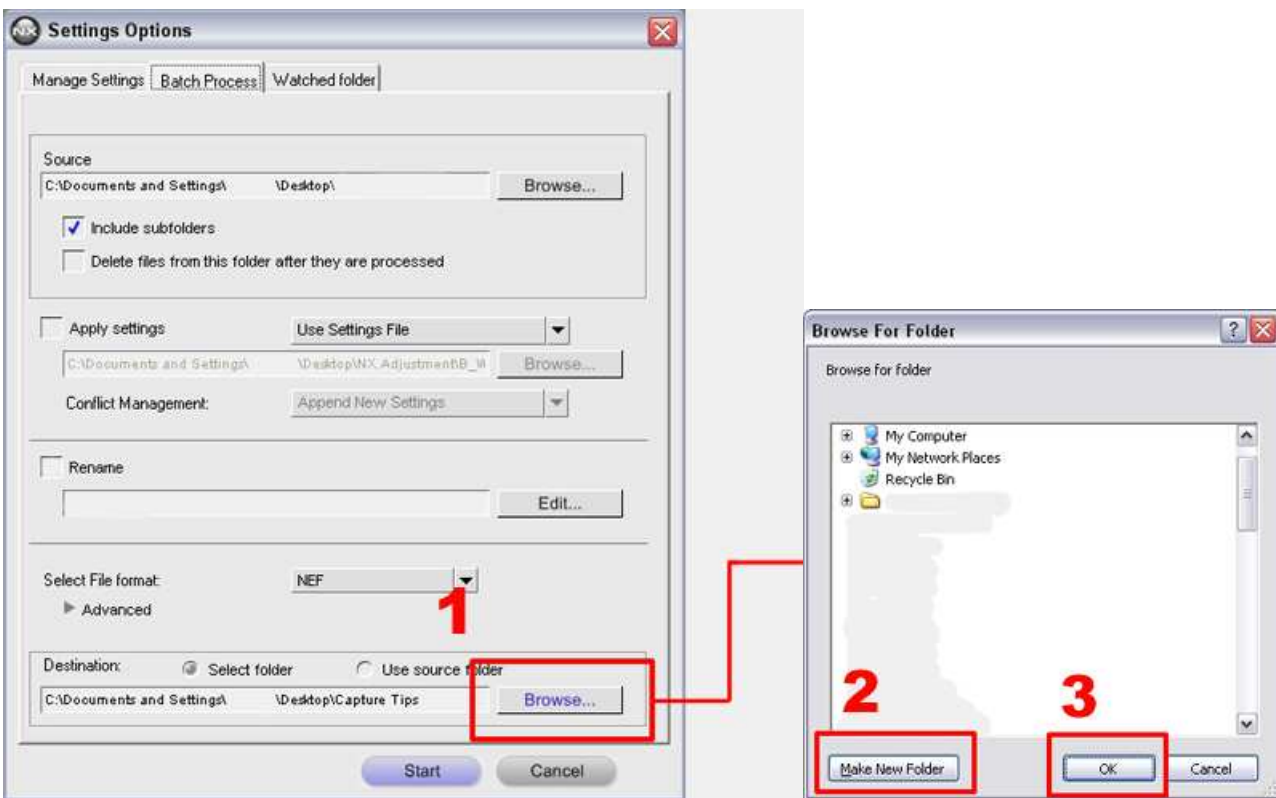
Step 5 - Specify the Settings File to be used by the batch process.

- 1) Click "Browse..." in the "Apply Settings" area.
- 2) Specify the Settings File saved in "Step 2 - Save Size / Resolution" as the settings file to apply.
- 3) Click "Open".



Step 6- Specify a destination folder for processed images.

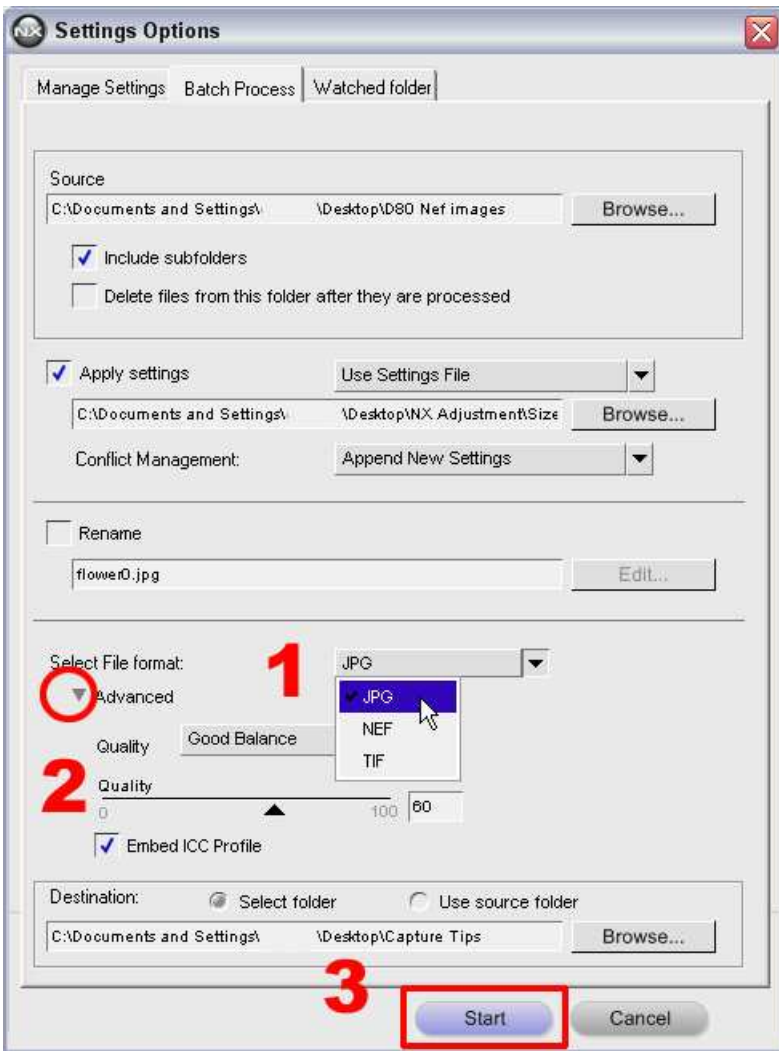
- 1) With the "Select Folder" radio button selected, click "Browse..." in the "Destination" area.(The image below shows the "Use source folder" radio button as selected, choose the "Select Folder" button.)
- 2) Specify the destination folder in the "Browse For Folder" dialog.
- 3) Click "OK".



Note: While the destination folder can be specified and the names of processed images can be specified, this example saves processed images to a different folder (Select Folder option used) with their original file names (Rename is unchecked).

Step 7- Specify file format

- 1) Select "JPG" from the "Select File Format" drop down menu.
- 2) Select "Good Balance" from the "Quality" drop down menu, or to choose your own compression ratio, use the slider or enter the value in the box.



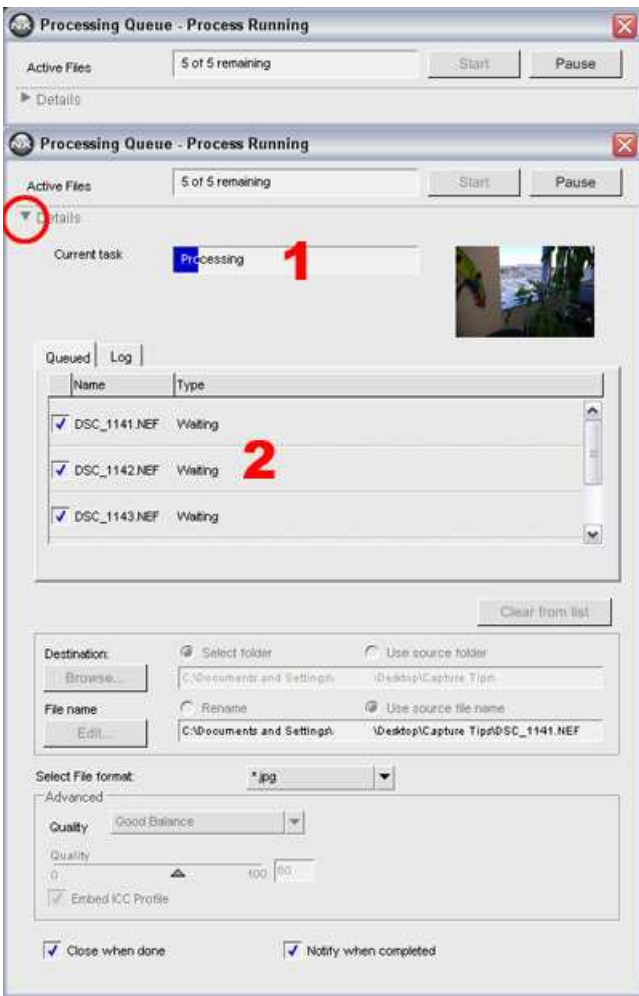
Step - 8 Start the Batch process

- 3) Click "Start"

Note: More precise specification of image quality is possible by opening the "Advanced" area. For example, when JPEG is selected as the file format, as stated above, a custom image quality (compression ratio) setting can be specified.

Step 9- The processing queue is displayed

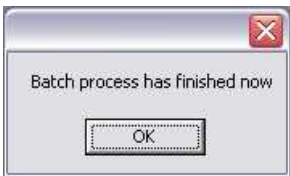
- 1) The "Processing Queue" dialog is displayed while images are processed to inform you of processing progress. When the "Details" area is opened, processing details and a number of options are available, including the "Close when done" option that, when enabled, automatically closes the Processing Queue dialog when complete, and the "Notify when completed" option that, displays a message informing you when the batch process has finished.



Step 10- The batch process is completed

When processing is completed, the "Active Files" progress box will be entirely blue and the number of remaining files will be "0" (of xx remaining).

If you have the latest version of Capture NX, you will see a window like this:



Click "OK" to close this window.