

For natural elements I use wide angle lens which I explained some of the technological details below the pictures.

Usually for the lack of time and in order not to miss the subject, I use two cameras which each one has different lens.

I do all of my the printings and developing and usually I use high contrast developer in order to compensate the low contrast of cloudy weather, and when I take photo in sunlight I use soft developer, of course we must keep in mind that choosing the right film also has own importance.

In sum I hope that this book it will be helpful for both spiritual and technological points for those who are interested in photography, and me too I am glad that I have done although a little in photographic world.

Visit more photos at: www.MasoudSoheili.com/Research/00-Research.html

Negative of Digital Cameras (DNG)

Masoud Soheili www.MasoudSoheili.com 2005

Professional and semi-Professional cameras entered a new format of photo in the world of Computer: RAW Format. Each camera make a special RAW for itself, different from other cameras, and a software to edit it and make a final file for use.

This format, RAW, which was made on the base of TIFF EP, is really the replacement of the negative film. RAW has its own specialties. It is an uncompressed file and naturally with a big volume, with raw and definable info that is made by digital camera. Its resolution is not defined. Its size is usually determined by the camera, and mostly the biggest size that the camera can take, as the negatives 135 or 120 (6x6)...

Taking photos with RAW format is easy, too easy, as you take JPG photos, and even easier than taking negative or slide. But, transferring this photo to a final form to use is difficult. It takes time, and maybe more difficult than developing and printing a negative in a darkroom, but this time, at the computer, with light and not in dark, and without the bad smell of the darkroom.

You can't visit RAW format on your computer with windows and its programs. It's just visible on the LCD of your camera. So, the software of the manufacture of the camera transfers it to a visible file, as TIF or JPG.

So, RAW, which was based on a special model of a camera, is not suitable for filling, especially for an institute that use more than one camera. First time, in September 2004, Adobe System Inc. made a program which transfers all the RAW formats to a unique one: DNG

Now, Adobe DNG Converter transfers 75 different RAW format of 75 cameras to the unique new RAW, called DNG. It's now visible with Photoshop and it is suitable to file. This program is free at www.Adobe.com/support/downloads/main.html and it converts all the RAW formats of all the different cameras of Canon, Contax, Epson, FujiFilm, Kodak, Konica Minolta, Leaf, Leica, Nikon, Olympus, Panasonic, Pentax, Sigma, and Sony.

ACDSee program shows the RAW format, but it couldn't edit it. If you use Photoshop CS and download the above-mentioned converter, you can have a new negative now: