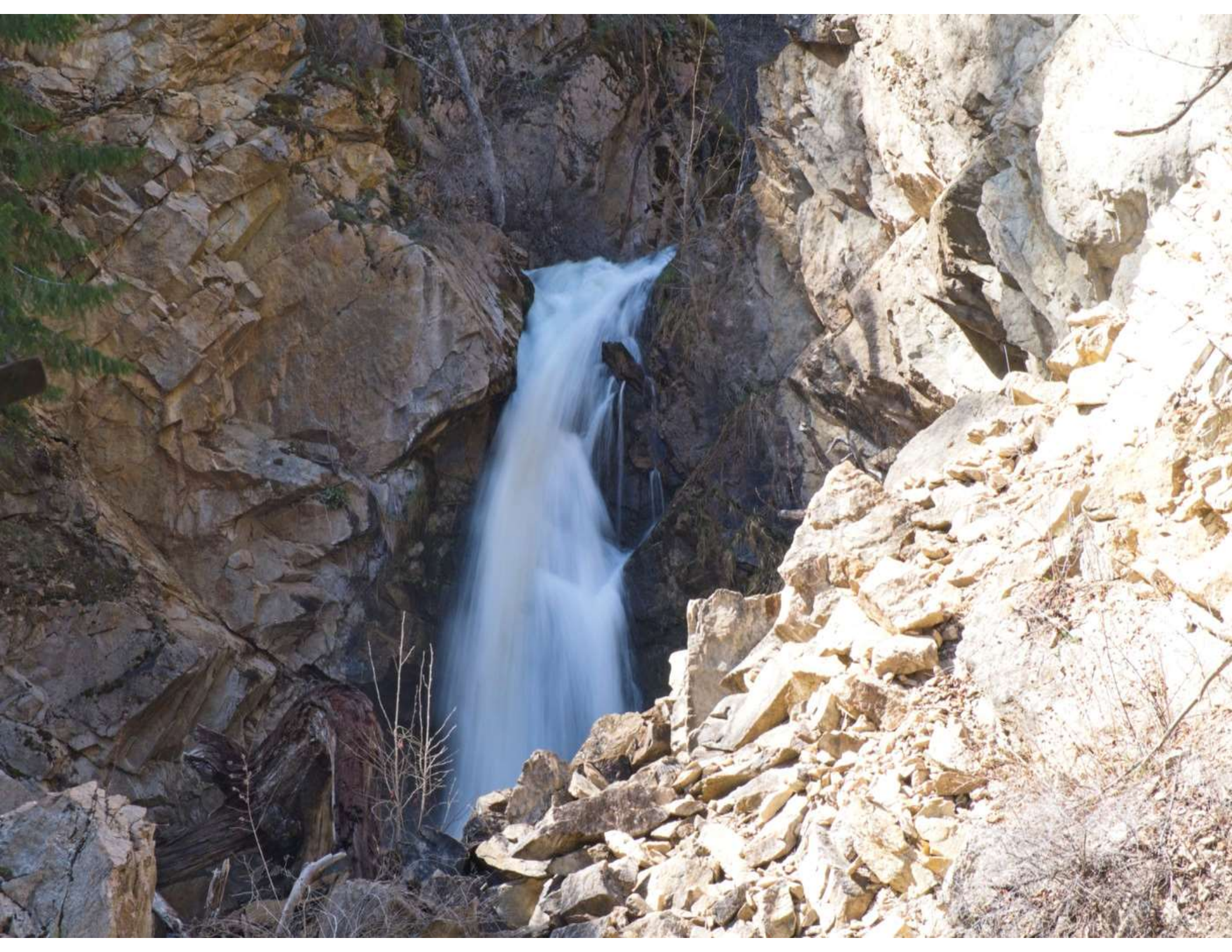
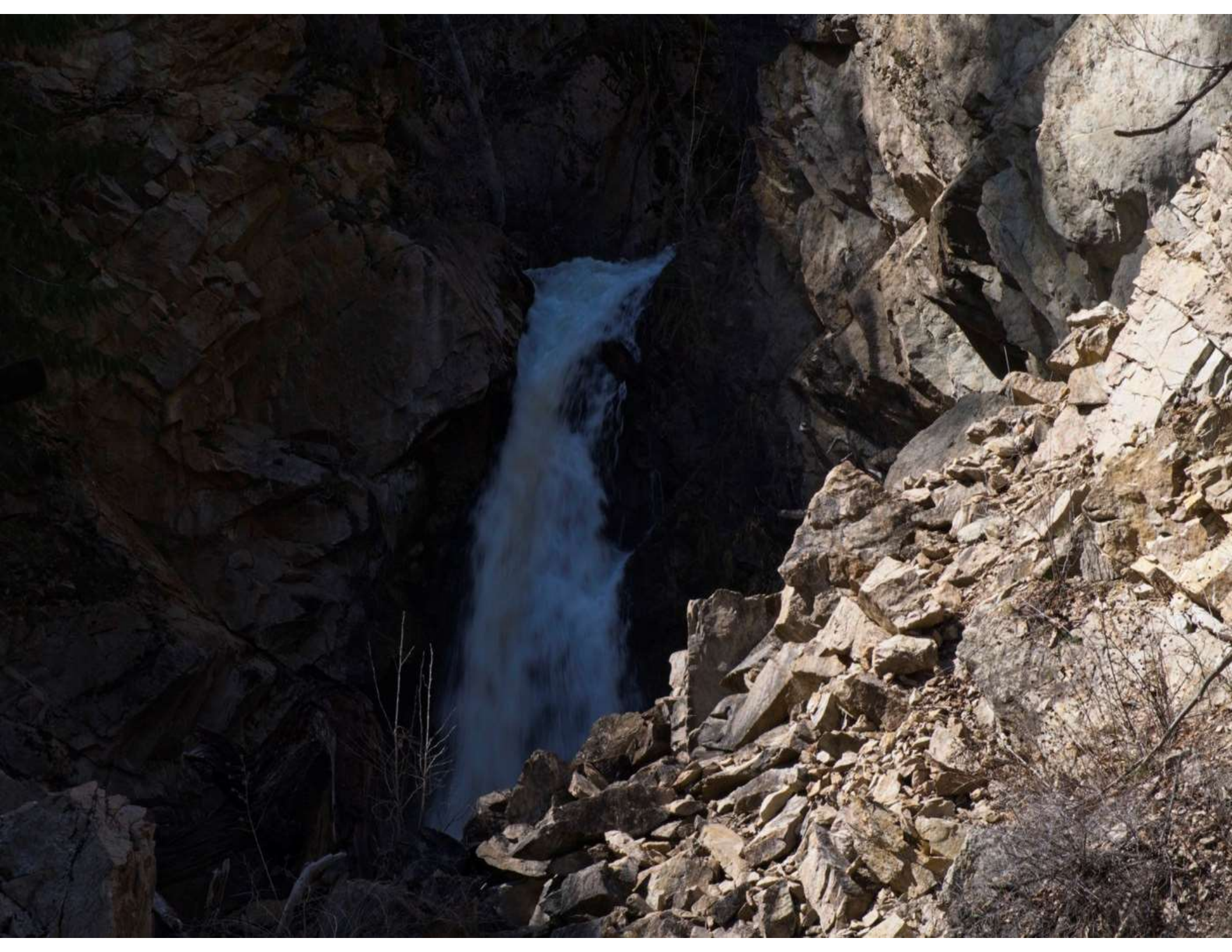


**HIGH CONTRAST SCENES**







# High Contrast Situations

Sunrise, Sunset

Sunny Days – Forests

Shadows

Interior Real Estate Shots

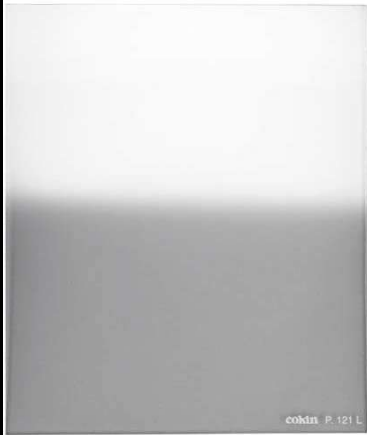
# Solving the Problem

1. Camera with a graduated neutral density filter
2. Bracket in camera and software to blend
3. In Camera - HDR

# Graduated Neutral Density Filters

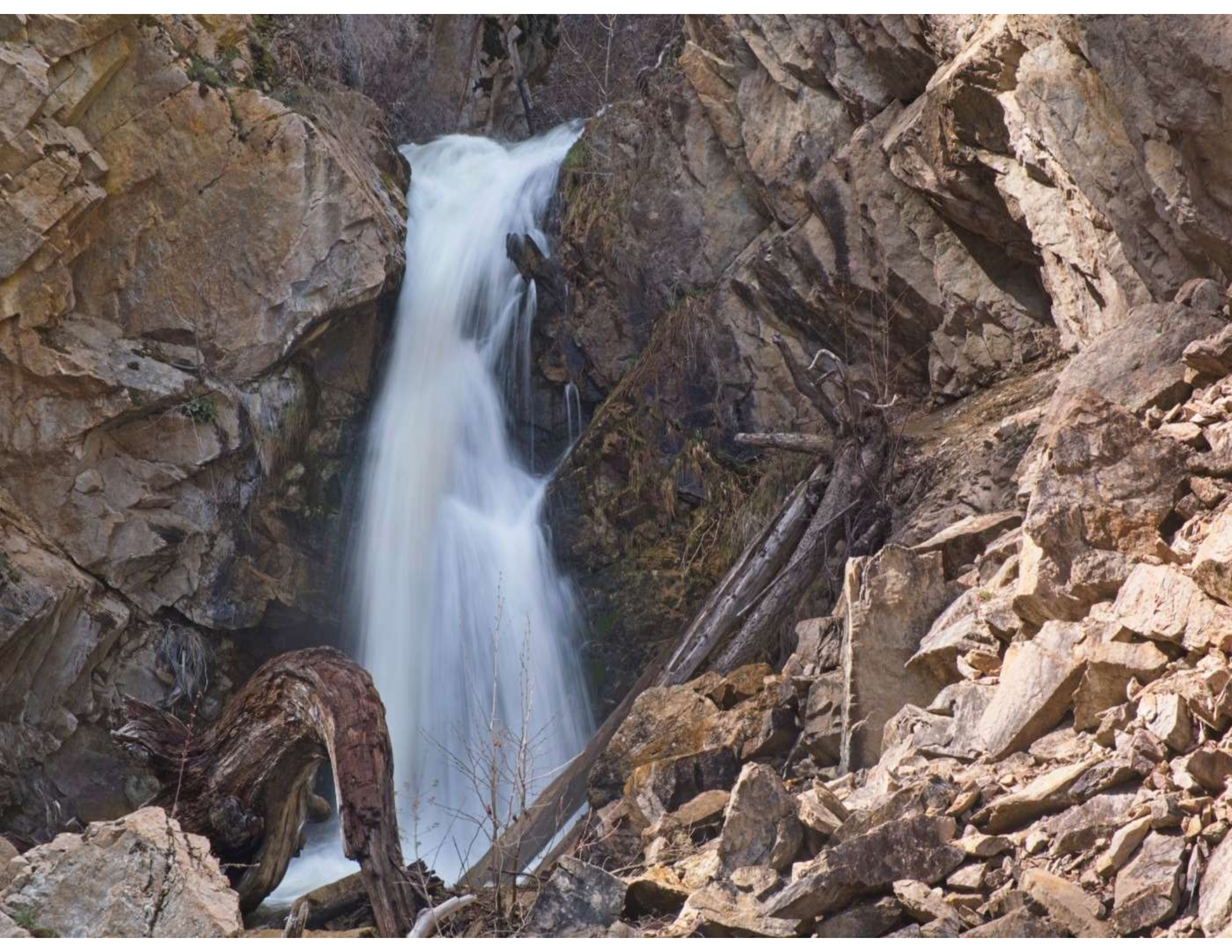


Conkin \$75 Amazon









# Graduated Neutral Density Filters

No software required!

# High Dynamic Range HDR

The difference between the lightest light and the darkest dark

Two Ways of doing HDR :

1. Bracketing in camera – then using editing software to combine photos
2. In camera HDR

# Bracketing in Camera – then editing to combine

## Procedure:

1. Have camera on a tripod
2. Use lowest ISO
3. Set your aperture for the scene eg f16
4. Matrix metering – take a shot

5. Take the same photo and underexpose by -1 and -2 using the exposure compensation knob
6. Take the same photo overexposing by the same amounts. Using the exposure compensation knob.

# Exposure Compensation buttons/knobs



Nikon



Canon



Fuji

7. You will then have 5 photos of the same thing taken at -2, -1, 0, +1, +2
8. In software combine those 5 photos.
9. Software: Lightroom, Photoshop, ON1 RAW .
9. Software specifically for HDR :  
Photomatix, (\$99) Aurora HDR, (\$139)  
Luminance HDR.(free)



1



2



3



4





5



Combined

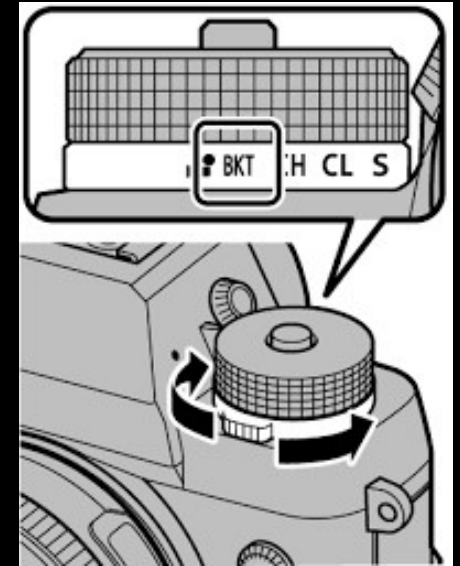


Split ND Filter

HDR



# Auto Bracketing



Fuji

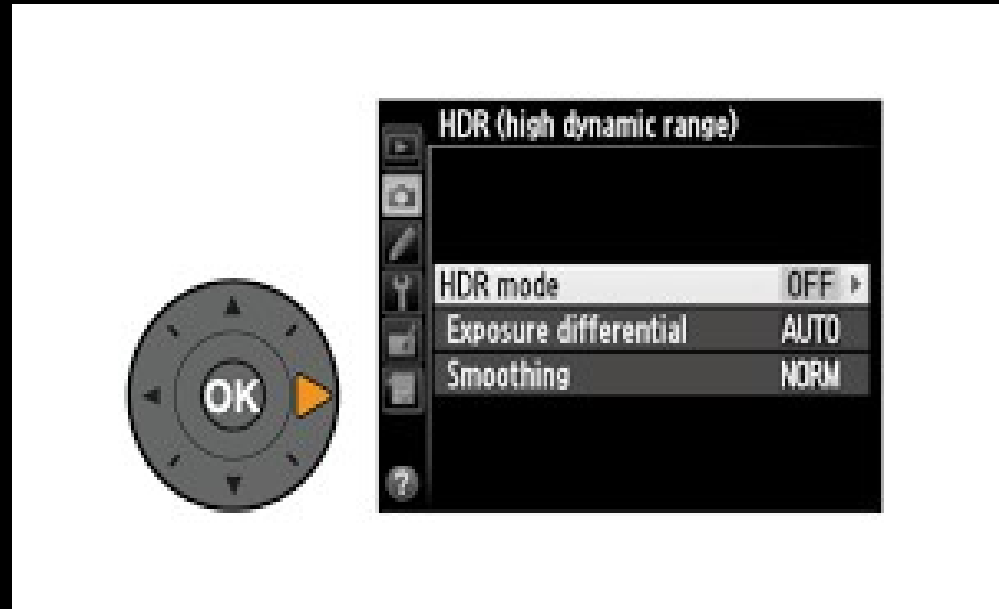


Nikon

# In Camera HDR



Fuji



Nikon

Don't need editing software !

# Dealing with High Contrast

1. In Camera – graduated neutral density filter
2. Bracket with Exp. Comp button or bracketing setup in camera then software to blend images.
3. In Camera - HDR

