**Depth of field**

In any photograph there is only one point of true focus.
When using a very fast lens, say f2, at wide open aperture the point of focus will be sharp but the foreground and background will be out of focus. Very useful for portraiture when you can isolate the person from the background. Use a much smaller aperture for mid-distance or landscape photographs, Especially with landscapes focus on a mid-distance point to get greater depth into the picture. Focusing on infinity will result in a very flat appearance. At any set aperture
the longer the focal length of the lens the shallower the depth of field and the shorter the focal length of the lens the greater the depth of field.