



Co-Learnium seminar series

# Wildlife and Landscape Photography

Presenter:

Sagar Bodhankar

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I would like to begin by acknowledging the Traditional Owners of the land that we're meeting on today and pay my respect to their Elders past and present.





# Photography

- An addiction
- Failure is the first step of progress
- Nothing is right and wrong in photography in terms of style
- Do it for yourself
- Get out of the 4 walls and enjoy nature
- Green Therapy



# The Light

- Why the light is prime component of the photography
- How to control the light
- What light is good for the photography
- Planning the photography (Sun position, cloud, wind and subject)

# Manipulating the light

- Shutter speed
  - ISO settings
  - Aperture

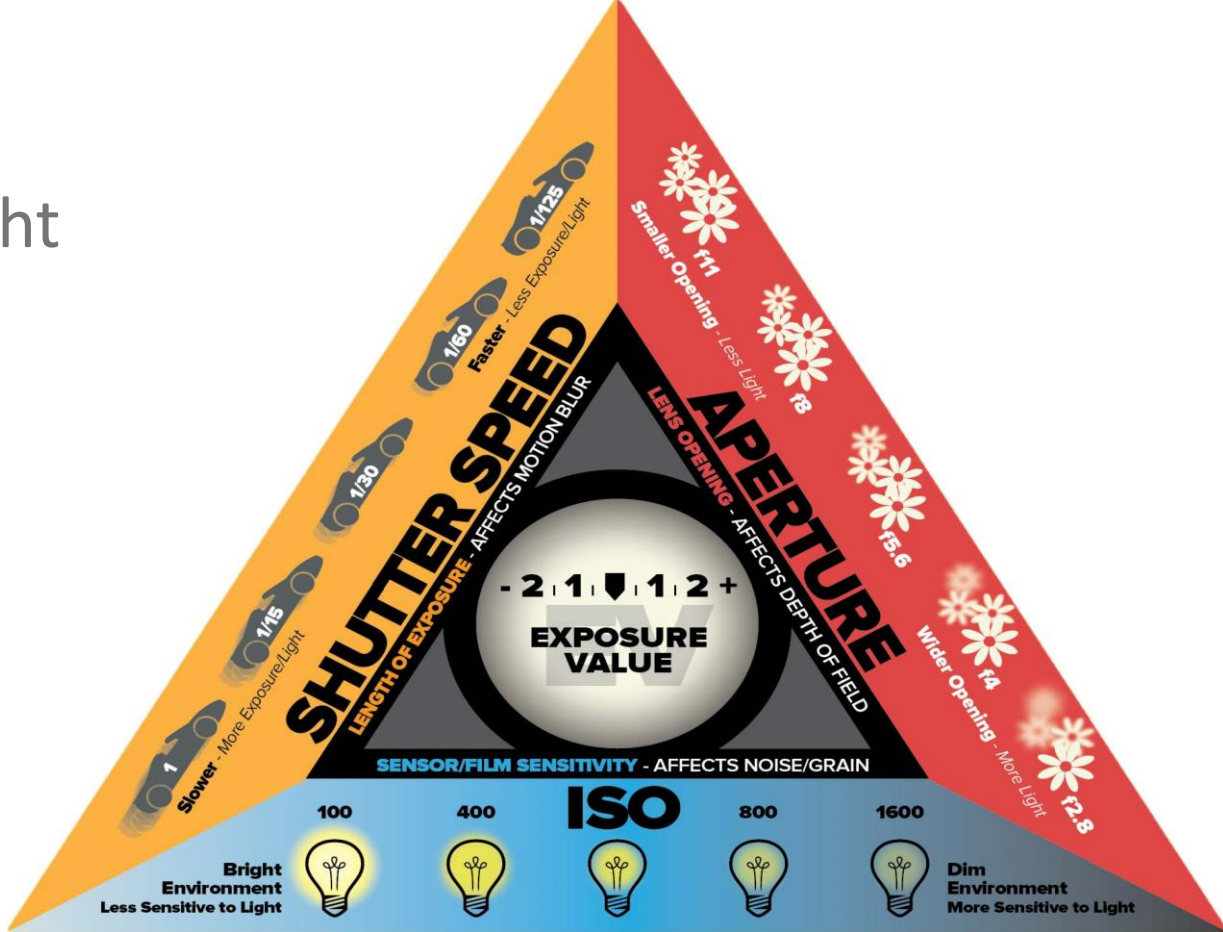


Image courtesy: The phoblographer

# Landscape photography



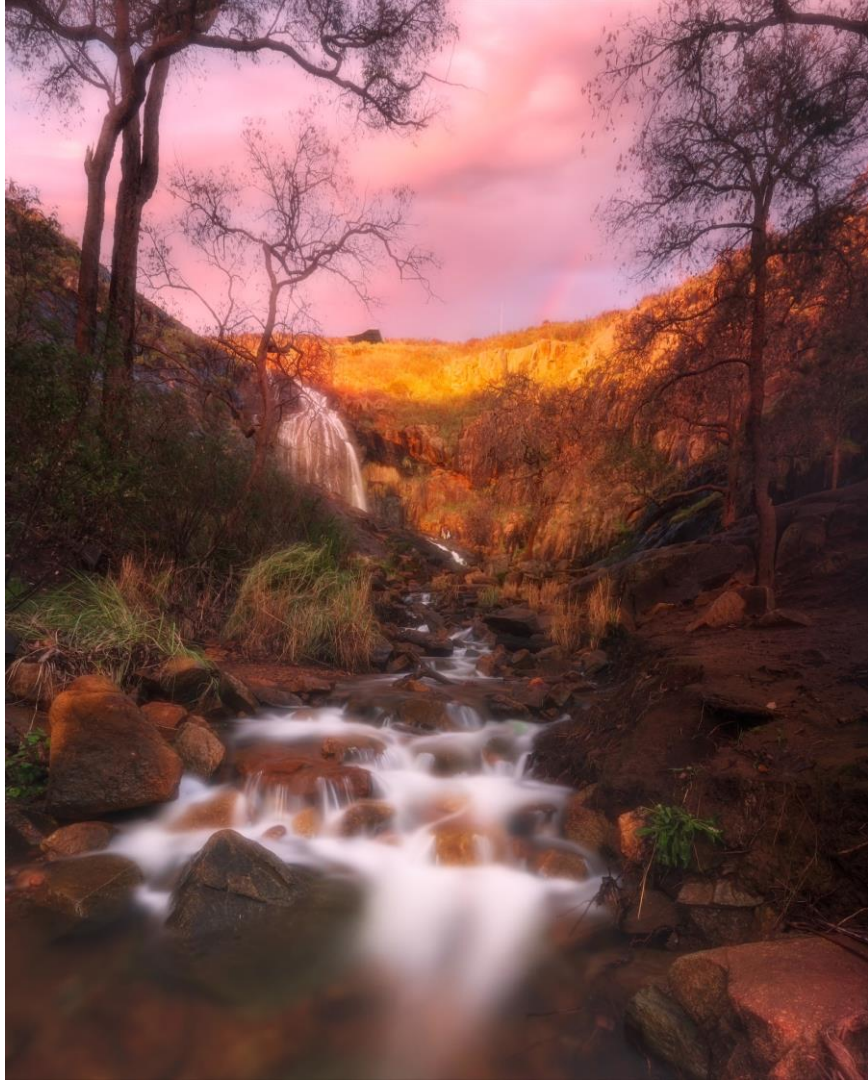
- Must have an eye for the composition
- Rules of composition:
  1. Rule of Third
  2. Symmetry (Balancing RHS and LHS)
  3. Leading Lines
  4. Golden Spiral

# Landscape photography



- Composition is the Key
  - Foreground
  - Mid-ground
  - Background
- Relax and Take a breath.
- Plan and get to the spot earlier than the time you want to shoot.
- Hope for a good sunset or sunrise or something interesting.





# Landscape photography

- Tools : Camera

Ideal Lenses:

Kit lenses would do to start with

More dedicated lenses such as:

1. Canon 16-35 f/2.8 or f/4
2. Canon 17-40 f/4
3. Sigma 18-35 f/1.8
4. Nikon 10-24 f/3.5-4.5
5. Telephoto lenses like 70-200mm (for subject isolation)



# Landscape photography

- Accessories
  - Tripod
  - Filter system
    - Soft grad/Hard Grad/ND filters/Polariser
  - Trigger (Long exposures)



# Wildlife photography

- Camera: Depend on the budget

Higher frame rate

High ISO tolerance

Eye finder (preferable not necessary)

IBIS (preferable not necessary)



# Wildlife photography

- Accessories

1. Support : Tripod/Monopod/Ground-pod
2. Extra batteries/Battery grip
3. Camo clothing/pale coloured clothing try to blend in

# Wildlife photography

- Lenses: Two Types

1. Zoom Lens (150-600mm, 200-600mm, 100-500mm)
2. Prime Lens (300mm, 400mm.....600mm...)

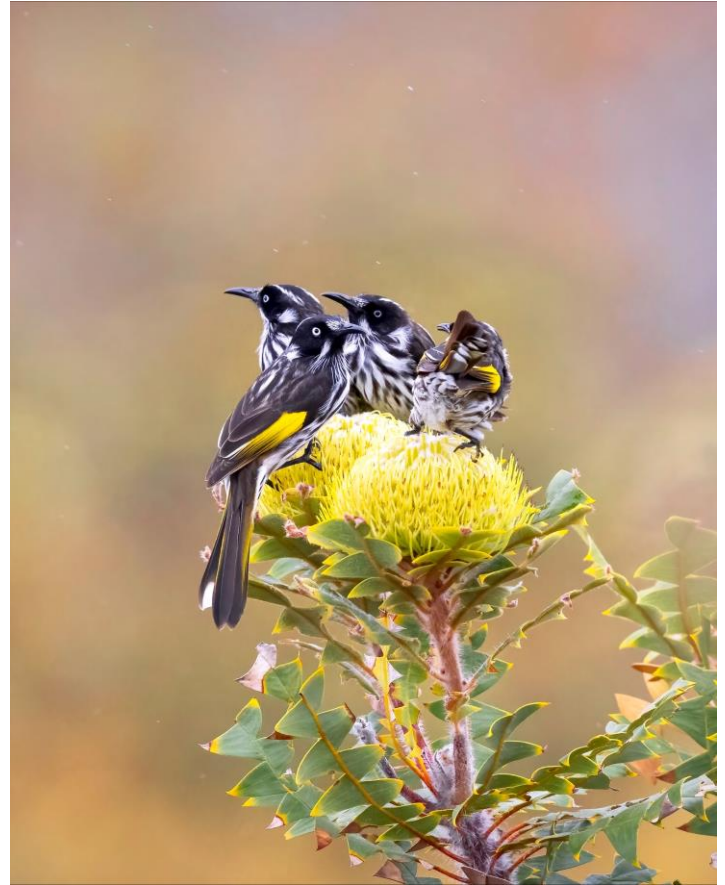
Longer focal length is better



# Wildlife photography

## TO DO List

- Practice with some easy targets
- Sun behind you
- Early morning is the best time
- Select the target species
- Check the birds recorded in the area & study
- Be quite and patient



# Wildlife photography

## TO “NOT” DO List

- Not checking the camera settings
- Shooting in unfavourable light. Wrong positioning
- Missing out on peak activity period
- Not familiarising with the area
- Wearing Vibrant colours and perfumes
- No sudden movements or walking straight to the target species
- No direct eye contact
- Eager to shoot

# Wildlife photography

## Subject Isolation:

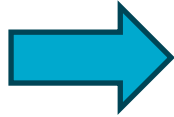
Check the background first

Consider DOF of your lens



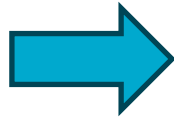
## Shutter speed selection:

Small fast-moving object



Faster shutter speed (>1200<sup>th</sup> of a sec)

Large Slow-moving Object

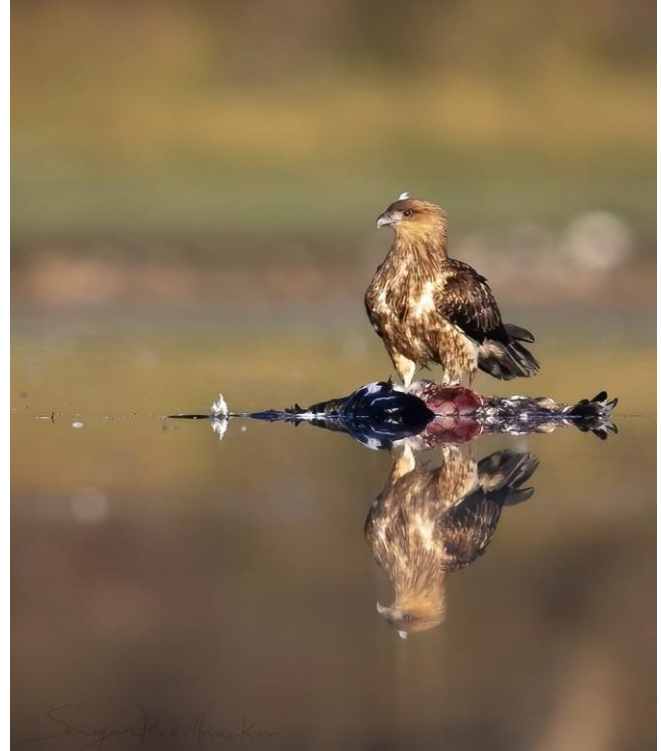


Slower shutter speed (approx 500<sup>th</sup> of a sec)

# WildLife Photography



Small fast moving obj.



Large slow moving/stationary obj.

# Wildlife photography

## Study the Calls and Habits

- A secret World
- You can hear them before you see them
- River birds/shore birds— get to the spot before sunrise
- Bush birds-After sunrise is ok
- Water source/food source makes life easy
- Track your own record from previous years
- Look at other's style, what everyone is shooting(Fb,Insta,eBird)

# Wildlife photography

Chasing a target?

Instead make them chase you..

- Curious
- Food is the main goal
- Lookout spots while foraging
- Behavioural observation



# Wildlife photography

## Birds/Wildlife behaviour

- Note what they eat, when they come out
- When is the breeding season
- What not to do with wildlife
- Spread the knowledge about the wildlife



# Editing

Why editing is the essence of photography

Apps:

Ps, Lr, TopazLabs, DXO

*Thank you*

Australia's National Science Agency





Questions??

