

A scenic photograph of a lake with cypress trees and a blue sky with clouds. The text is overlaid on the image.

# Long Exposure Photography

By  
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# What is long exposure photography?

- 1 Second or more

Canon EOS R  
Canon EF 17-40 f/4  
May 25, 2019 6:21 pm.

ISO 200  
F/10  
30 seconds  
0 EV  
25 mm



# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)



Canon EOS 7D

Canon EF 28-300 f/3.5-5.6

July 14 2012 8:51 pm.

ISO 100

F/10

20 seconds

+1/3 EV

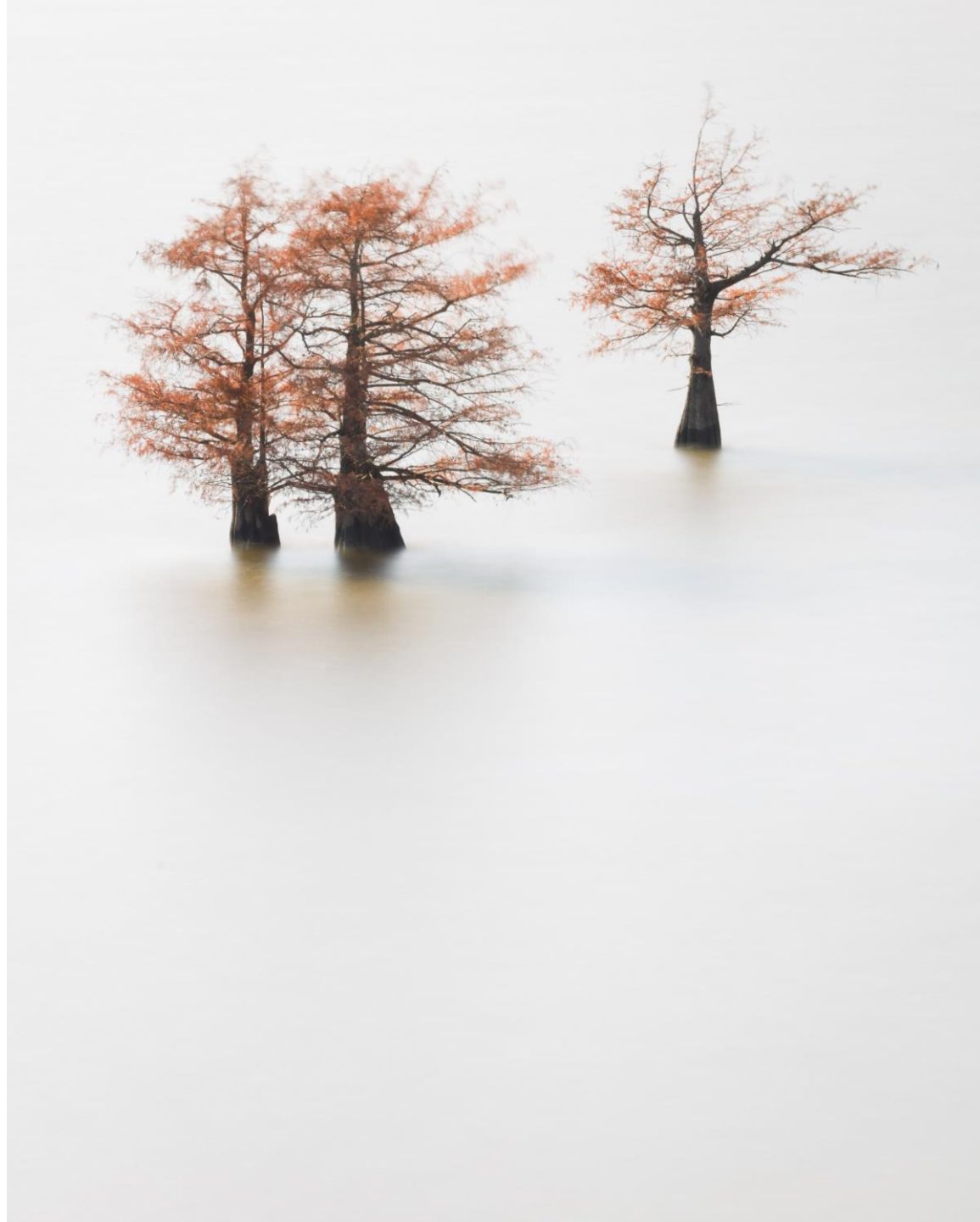
28 mm

# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)

Canon EOS R  
Canon EF 100-400 f/4.5-  
5.6  
Nov 23, 2019 3:08 pm.

ISO 50  
F/16  
121 seconds  
0 EV  
180 mm



Canon EOS R

Canon EF 100-400 f/4.5-  
5.6

May 23, 2020 3:20 pm.

ISO 50

F/8

30 seconds

0 EV

148 mm





# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)

Canon EOS R  
Canon RF 24-240 f/4-6.3  
April 10, 2021 7:41pm.

ISO 800  
F/11  
1/40th seconds  
0 EV  
55 mm



Canon EOS R  
Canon RF 24-240 f/4-6.3  
April 10, 2021 7:41pm.

ISO 125  
F/11  
30 seconds  
0 EV  
55 mm



# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)



Canon EOS R  
Canon EF 17-40 f/4  
April 6, 2019 11:23 am.

ISO 400  
F/11  
30 seconds  
0 EV  
17 mm

# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)

Canon EOS R  
Canon EF 28-300 f/3.5-5.6  
Nov 21, 2018 5:07 pm.

ISO 50  
F/16  
10 seconds  
0 EV  
220 mm



# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)
- Clouds



Canon EOS R  
Canon RF 24-105 f/4  
Nov 3, 2018 4:28 pm.

ISO 50  
F/10  
30 seconds  
0 EV  
33 mm





Canon EOS 80D

Canon EF 24-105 f/4

Sep 29, 2018 10:58 am.

ISO 100

F/10

30 seconds

0 EV

27 mm

# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)
- Clouds
- Darkness (when you don't want to increase ISO)

Canon EOS 7D

Canon EF 100-400 f/4.5-  
5.6

Nov 11, 2014 7:08 pm.

ISO 100

F/11

30 seconds

0 EV

400 mm



Canon EOS  
80D  
Canon EF  
100-400  
f/4.5-5.6  
Nov 11,  
2017 6:36  
pm.

ISO 100  
F/20  
15 seconds  
0 EV  
560 mm



# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)
- Clouds
- Darkness (when you don't want to increase ISO)
- Turn trash into treasure

Canon EOS 7D

Canon EF 28-300 f/3.5-5.6

April 5, 2013 8:04 pm.

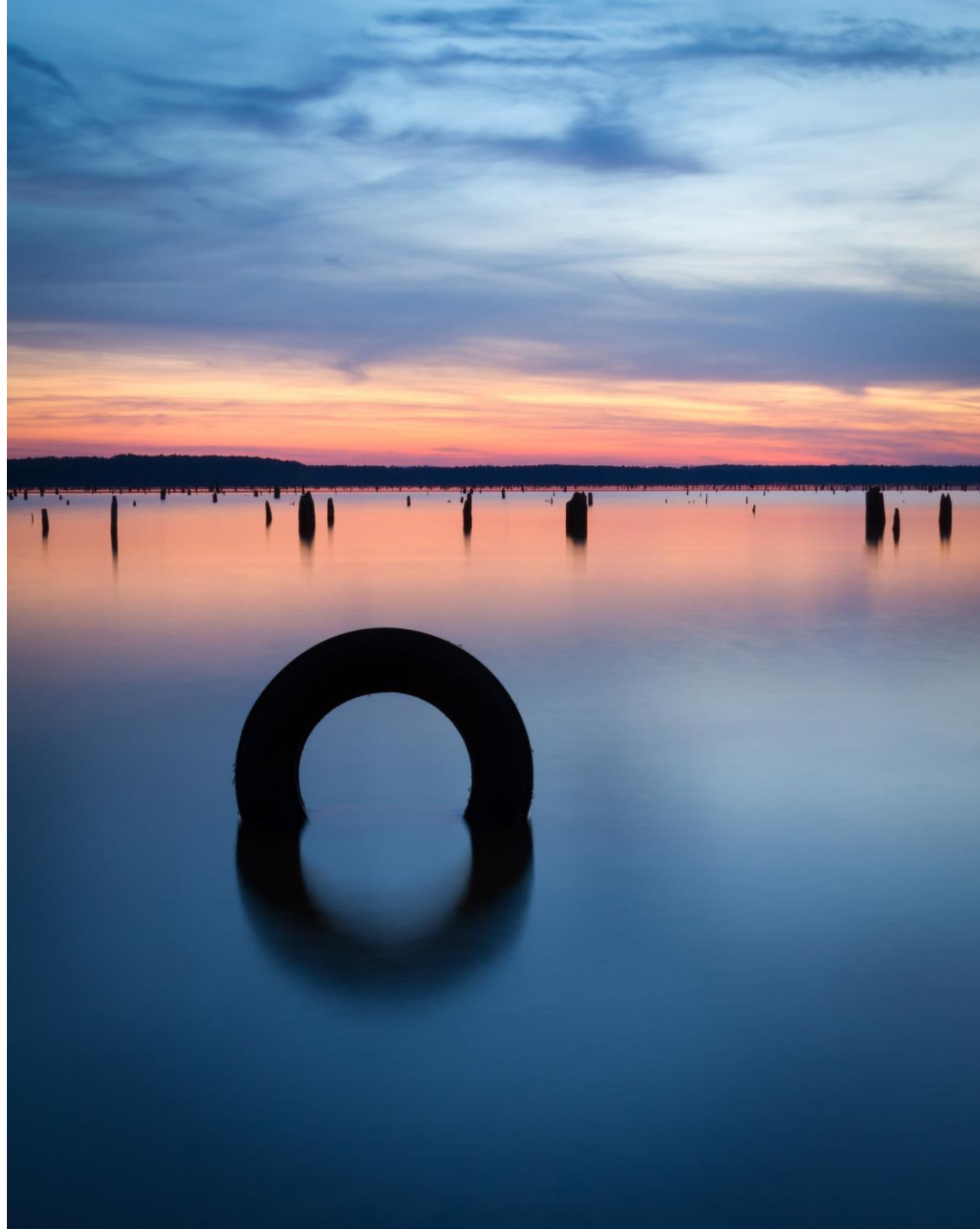
ISO 100

F/16

13 seconds

+1/3 EV

28 mm



# What scenes benefit?

- Water (composition, isolation, contrast and harsh reflections)
- Clouds
- Darkness (when you don't want to increase ISO)
- Turn trash into treasure
- Wind (blur foliage)





Canon EOS R  
Canon RF 24-105 f/4  
Nov 3, 2018 1:29 pm.

ISO 200  
F/14  
30 seconds  
0 EV  
65 mm

# Where to Start?

- Camera and tripod (stuff you probably already have)
- Turn off Image Stabilization

# Behind the Scenes





Canon EOS  
7D  
Canon EF  
28-300  
f/3.5-5.6  
July 19 2014  
6:48 pm.

ISO 100  
F/11  
5 seconds  
0 EV  
65 mm

# Where to Start?

- Camera and tripod (stuff you probably already have)
- Blue hour

Canon EOS 7D  
Canon EF 28-300 f/3.5-5.6  
April 6, 2012 8:19 pm.

ISO 100  
F/11  
30 seconds  
+1/3 EV  
28 mm



# Where to Start?

- Camera and tripod (stuff you probably already have)
- Blue hour
- Aperture priority
- Exposure compensation



Canon EOS 7D

Canon EF 28-300 f/3.5-5.6

August 31, 2012 8:17 pm.

ISO 400

F/16

30 seconds

-1/3 EV

28 mm



# Where to Start?

- Camera and tripod (stuff you probably already have)
- Blue hour
- Aperture priority
- Exposure compensation
- ISO 100 (or lowest possible)



Canon EOS R  
Canon EF 28-300 f/3.5-5.6  
Nov 22, 2018 8:20 am.

ISO 50  
F/9  
30 seconds  
0 EV  
300 mm

Canon EOS R  
Canon EF 17-40 f/4  
April 27, 2019 8:01 am.

ISO 100  
F/10  
30 seconds  
0 EV  
17 mm



# Where to Start?

- Camera and tripod (stuff you probably already have)
- Blue hour
- Aperture priority
- Exposure compensation
- ISO 100
- Use polarizer?



## My Current Process

- Be there (in plenty of time)
- Find something interesting
- The scene dictates camera placement (reduce mergers)
  - Move side to side, forward and back and up and down
- Set up the tripod and camera
- Turn off Image Stabilization
- Compose the shot
  - Zoom to eliminate distractions
  - Adjust the head (avoid tilting if possible)
  - Is polarization needed (or shoot both with and without)

- Set exposure using the histogram (the light meter doesn't see time's affect)
  - Manual mode
  - What needs to be in focus? (aperture)
  - White balance (daylight)
  - What shutter speed? (depends on conditions)
  - Are filters needed to achieve that?
  - What ISO to accommodate the above?
  - Is bracketing needed?
- Back button focus or manual focus (no need to refocus once it is focused)
- Take the shot (2 second timer)
- Review (look for the affect, histogram and blinkies)

Canon EOS R  
Canon RF 24-240 f/4-6.3  
Nov 29, 2019 12:25 pm.

ISO 200  
F/11  
30 seconds  
0 EV  
52 mm







Canon EOS R  
Canon RF 24-240 f/4-6.3  
Nov 9, 2019 6:06 pm.

ISO 50  
F/13  
30 seconds  
0 EV  
34 mm



Canon EOS R  
Canon RF 24-240 f/4-6.3  
Dec 26, 2020 6:51 pm.

ISO 200  
F/11  
30 seconds  
0 EV  
58 mm