

Amateur Anaglyphs

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Amateur Anaglyphs

Has this been done before?

- History of Anaglyphs-
 - 1853- W. Rollman publicly illustrates the anaglyph principle
 - 1893- W. Freise-Green creates the first 3D anaglyphic motion picture (34 years before television was created, 1927 Philo T. Farnsworth)
- 1990s- Magic Eye craze

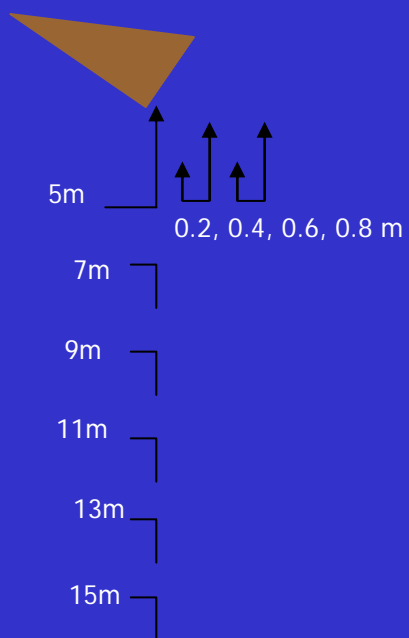
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Goal & Objectives

- How to create Amateur Anaglyphs using Adobe Photoshop 7.0
- Kodak z740 Anaglyph Separation Distance

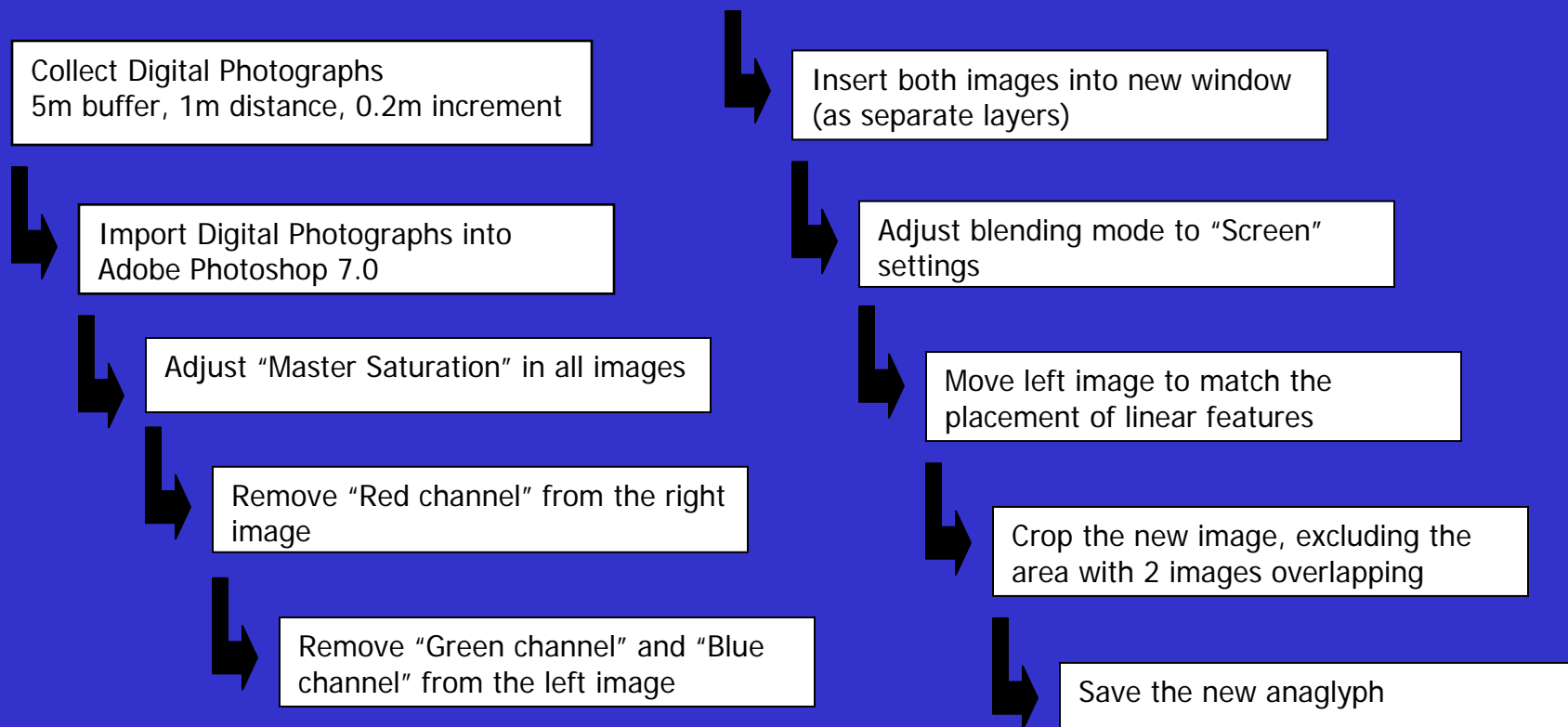
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Study Area



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Methodology



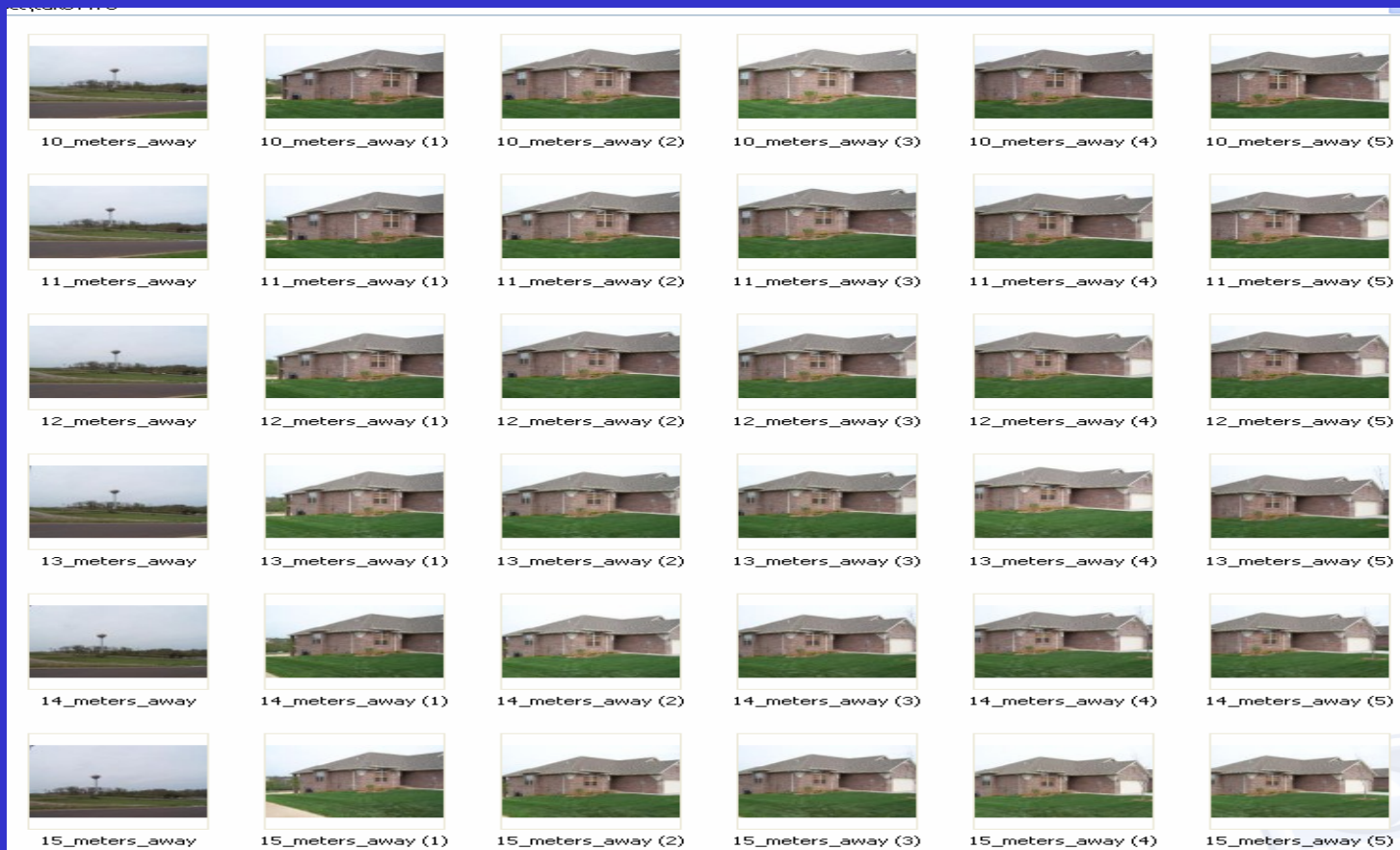
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Collected Data



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Collected Data



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Results

<u>Distance away (meters)</u>	<u>Separation (meters)</u>
■ 5 to 9	0.2
■ 10 to 14	0.4
■ 15 plus	0.6

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Results

General Rule of Thumb

- Object less than 9m (29.52ft), then shift body weight to the other foot
- If object is 10- 15m (up to 49.21ft) away, then side-step

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Anaglyph Data



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Anaglyph Data



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Results

- Parallel focal points?



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Results

- Parallel focal points
Solution



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- Are there any Questions?