

# Beyond the Written Word

## // photography

Ecological Society of America // Sacramento, CA // 2014

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Creative headshots  
Debrief

**heads on then hands on**

# Find Your Style(s)

- Find photographers that inspire you. Study and mimic their work.
- Start a collection of favorite photographs.
- Reflect on your own images. What themes do you see emerging?
- Ask others to review your work -- not family.



*The Tetons and the Snake River, Grand Teton National Park, Wyoming, 1942,*  
Photograph by Ansel Adams, ©The Ansel Adams Publishing Rights Trust

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*Macrophotography by Mike Moats. -- <http://www.mikemoatsblog.com/>*

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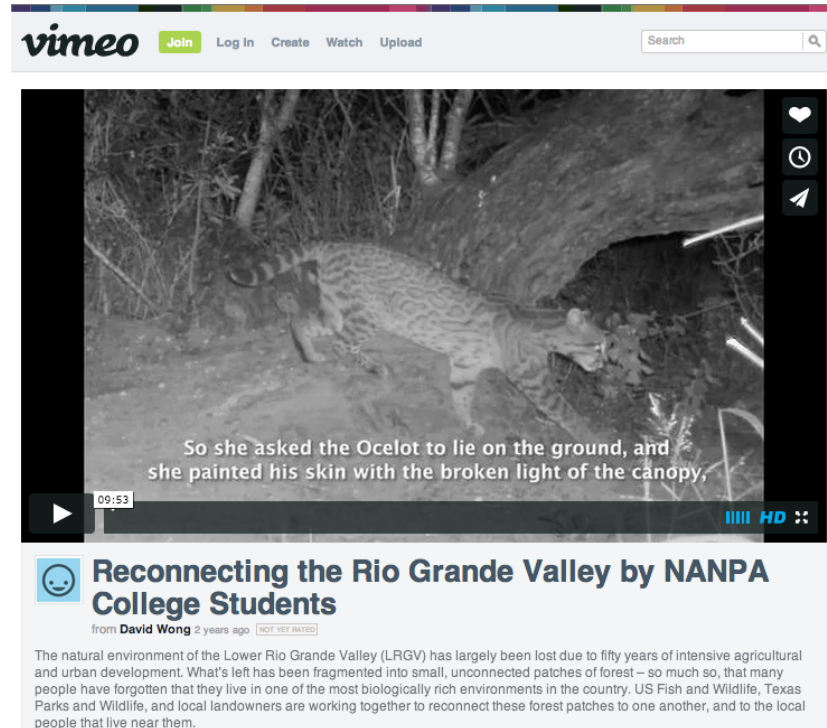
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# Define Your Project

- purpose, audience, frame
- project boundaries and team
- storyboard
- **shot list** // make it and forget it
- imagery required from other sources (spatial data, historical, aerial)
- product format (print, web, multimedia, editorial, ppt, etc.)
- file storage and management



The screenshot shows the Vimeo website interface. At the top, the Vimeo logo is on the left, and navigation links for 'Join', 'Log In', 'Create', 'Watch', and 'Upload' are in the center. A search bar is on the right. The main content area features a video player with a dark, grainy image of a natural landscape. A white text overlay on the video reads: "So she asked the Ocelot to lie on the ground, and she painted his skin with the broken light of the canopy,". Below the video player, the video title is "Reconnecting the Rio Grande Valley by NANPA College Students" in a bold, dark font. Underneath the title, it says "from David Wong 2 years ago" with a "NOT YET RATED" label. A short paragraph of text follows, describing the environmental context of the Lower Rio Grande Valley (LRGV) and the efforts of NANPA College Students to reconnect forest patches.

vimeo Join Log In Create Watch Upload Search

So she asked the Ocelot to lie on the ground, and she painted his skin with the broken light of the canopy,

09:53 HD

**Reconnecting the Rio Grande Valley by NANPA College Students**  
from David Wong 2 years ago NOT YET RATED

The natural environment of the Lower Rio Grande Valley (LRGV) has largely been lost due to fifty years of intensive agricultural and urban development. What's left has been fragmented into small, unconnected patches of forest – so much so, that many people have forgotten that they live in one of the most biologically rich environments in the country. US Fish and Wildlife, Texas Parks and Wildlife, and local landowners are working together to reconnect these forest patches to one another, and to the local people that live near them.



by Neil Losin



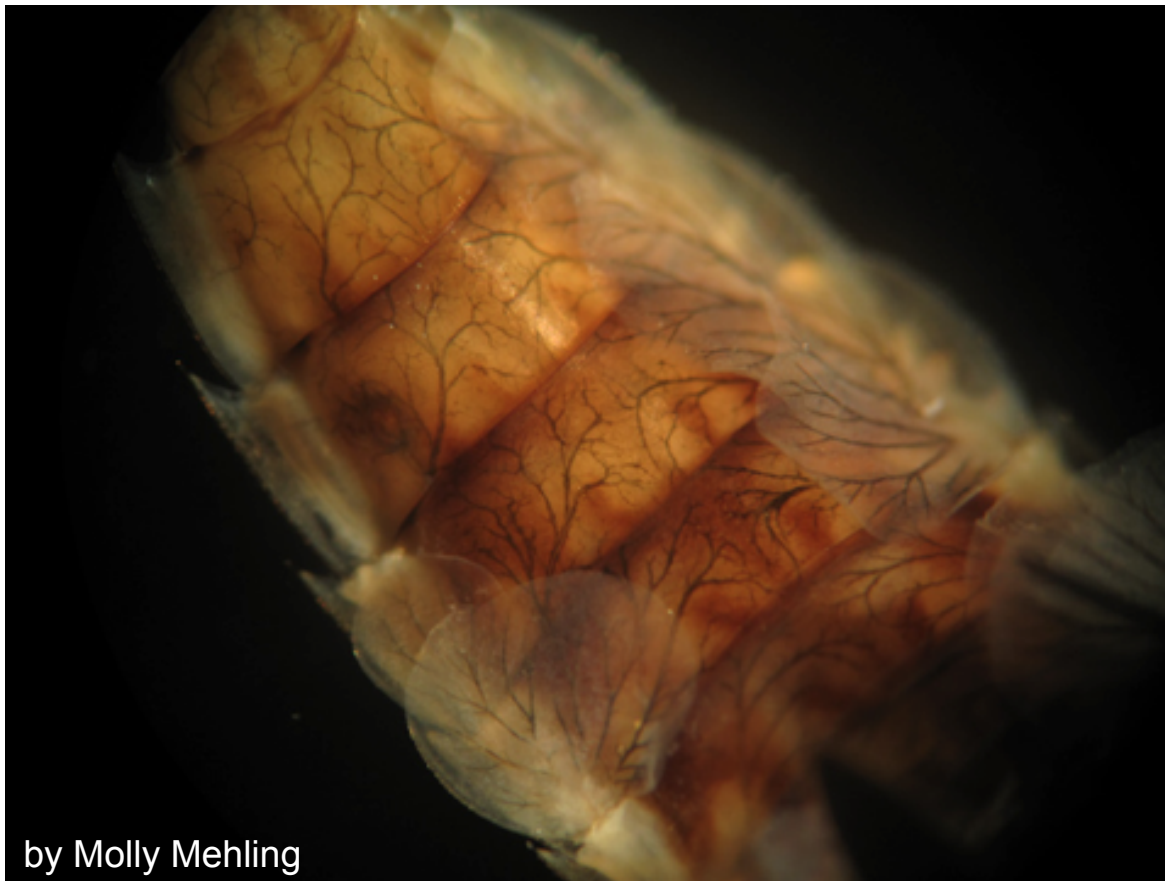
by Neil Losin



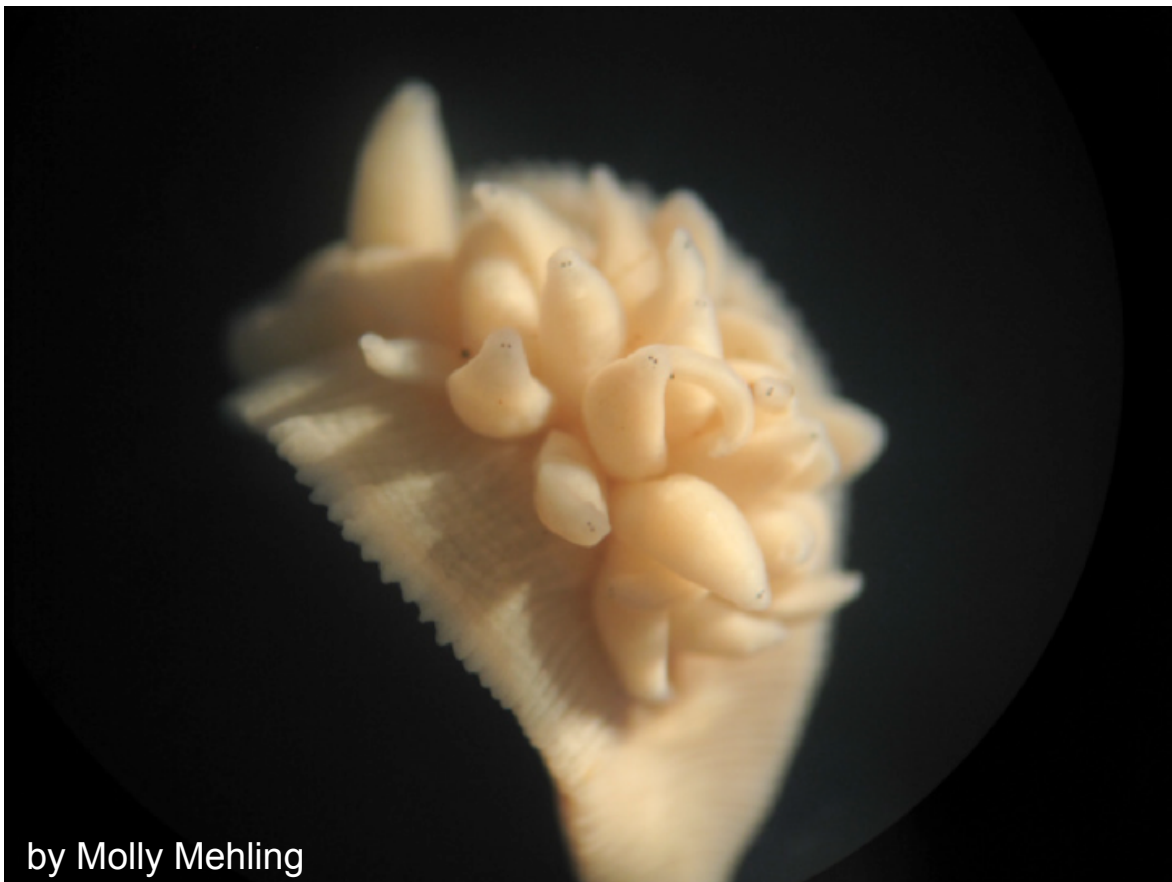
The effect of productivity  
on methyl mercury  
bioaccumulation in  
stream mesocosms

by Molly Mehling





by Molly Mehling



by Molly Mehling



by Molly Mehling



by Molly Mehling

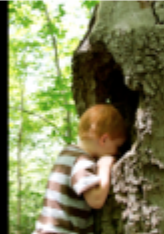
# Meet Your Neighbours



Freshwater leech in Rock Creek Park, Washington, DC by Molly Mehling.

ABC

CURIOUS



W  
A  
T  
E  
R

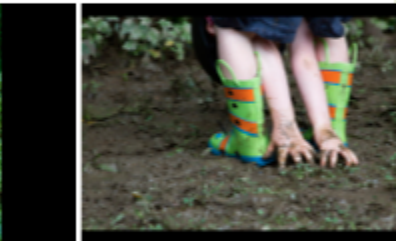
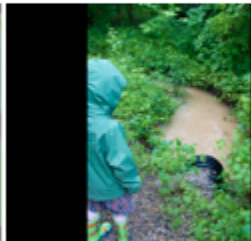


by Molly Mehling

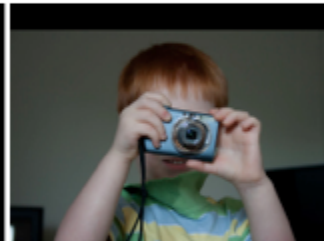


**M**UD

by Molly Mehling

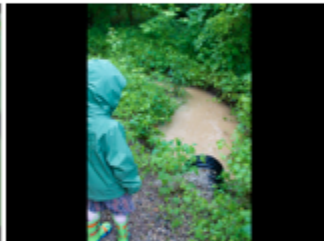


PATIENT



by Molly Mehling





PATIENT



by Molly Mehling

# Rocks



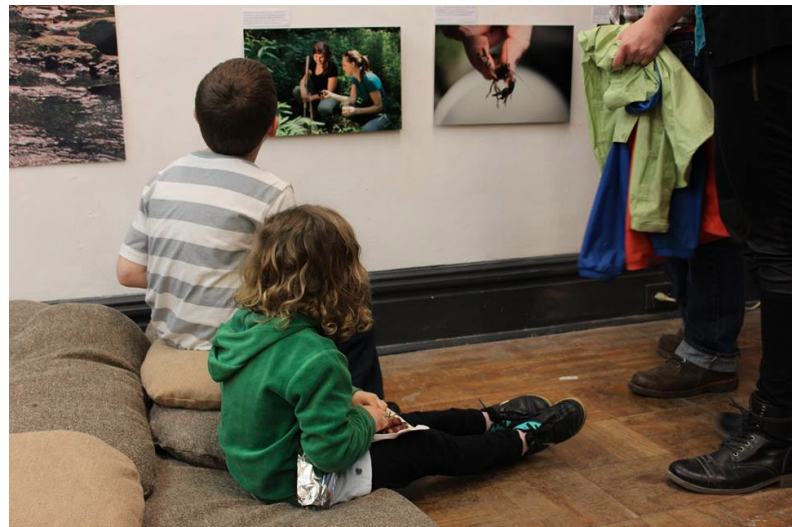
by Molly Mehling



Bringing art and science together around the water that flows through all!

[www.thedropproject.org](http://www.thedropproject.org)

photographs by Assemble staff



# Don't snap, create.

Good imagery for a purpose takes time.

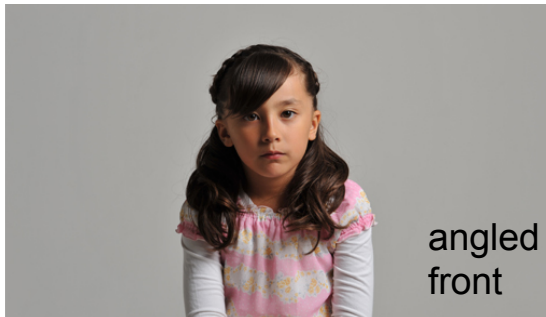
Don't let your camera drive. Take the wheel!



# 1 - Lighting

- use natural light, open doors, and windows
- sun/light on the back of your shoulder
- bounce or diffuse light with white, silver, gold surfaces
- consider HDR for landscapes or under canopy shooting





<http://imaging.nikon.com/lineup/speedlights/basics/>

# Lighting Sources



**Exposure**



by Molly Mehling

**Lighting - HDR**



# 2 - Composition

- change your point of view (POV)
- find patterns and shapes
- read on graphic design
- reduce clutter
- mimic the pros -- NG, NY Times Lens, etc.
- experiment and reflect!!!



By Raymo



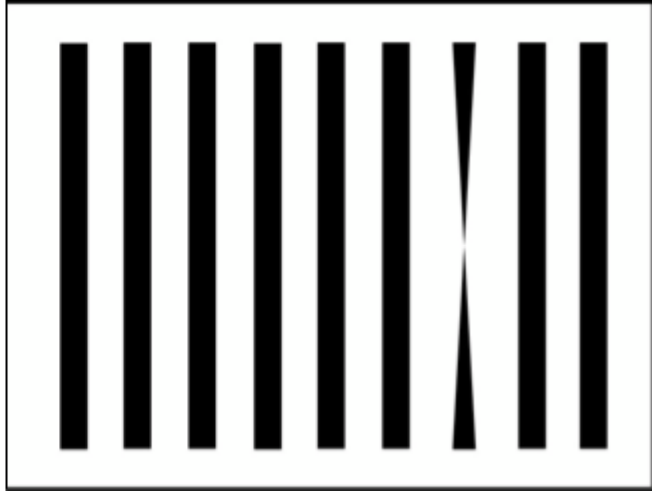
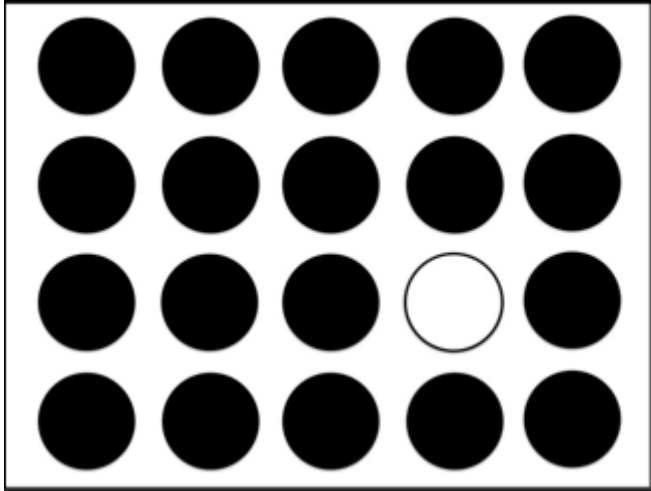
by Neil Losin





by Neil Losin



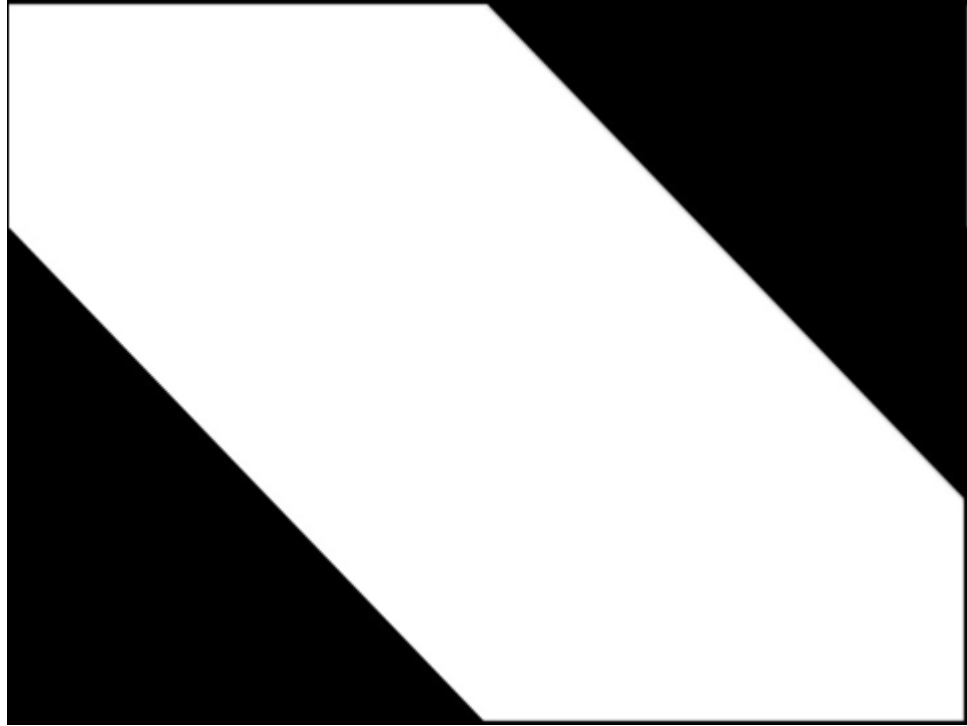


**look for patterns, but break them**



by Neil Losin

**look for patterns, but break them**

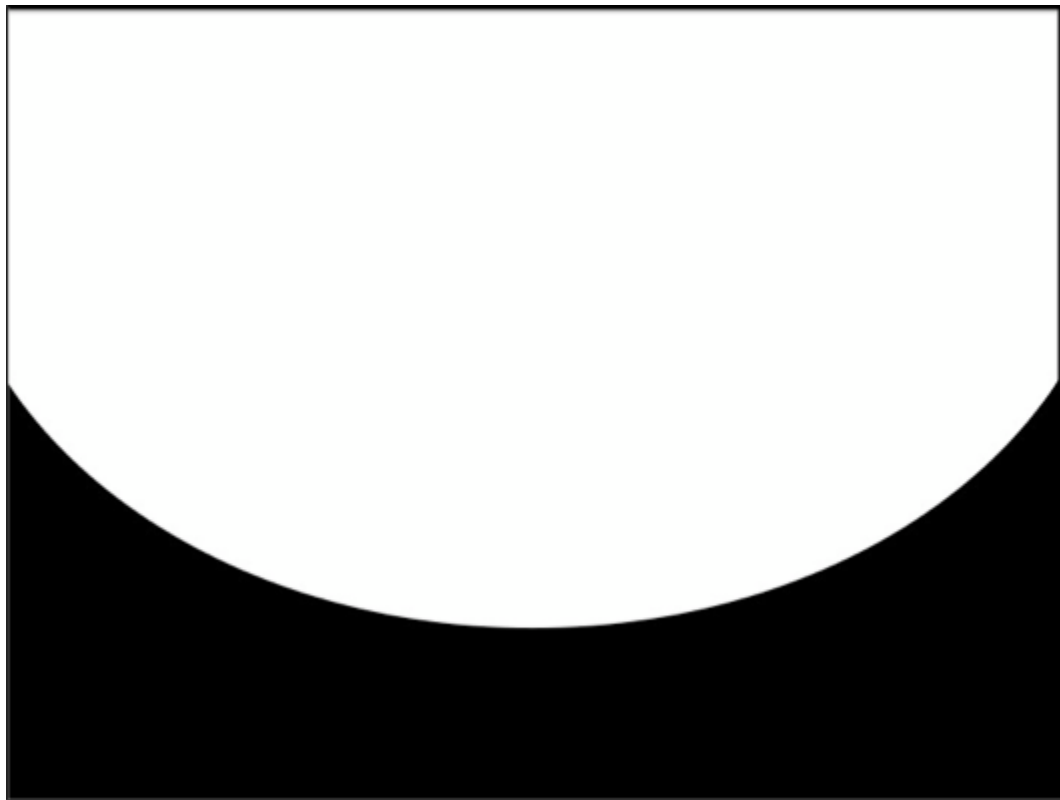


**diagonals are dramatic**



by Molly Mehling

**diagonals are dramatic**



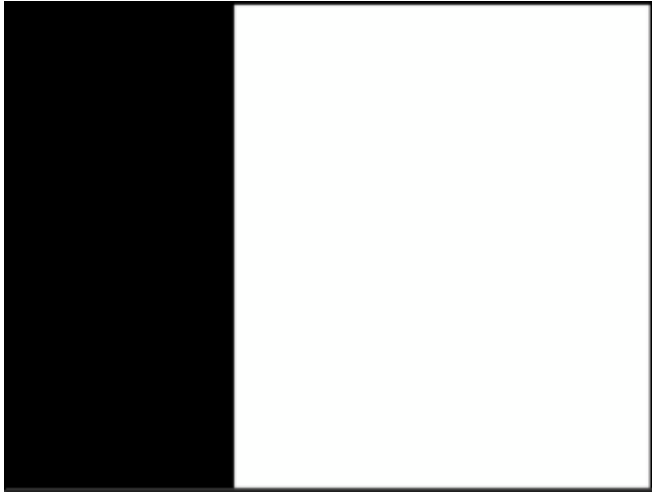
**curves and lines**





by Molly Mehling

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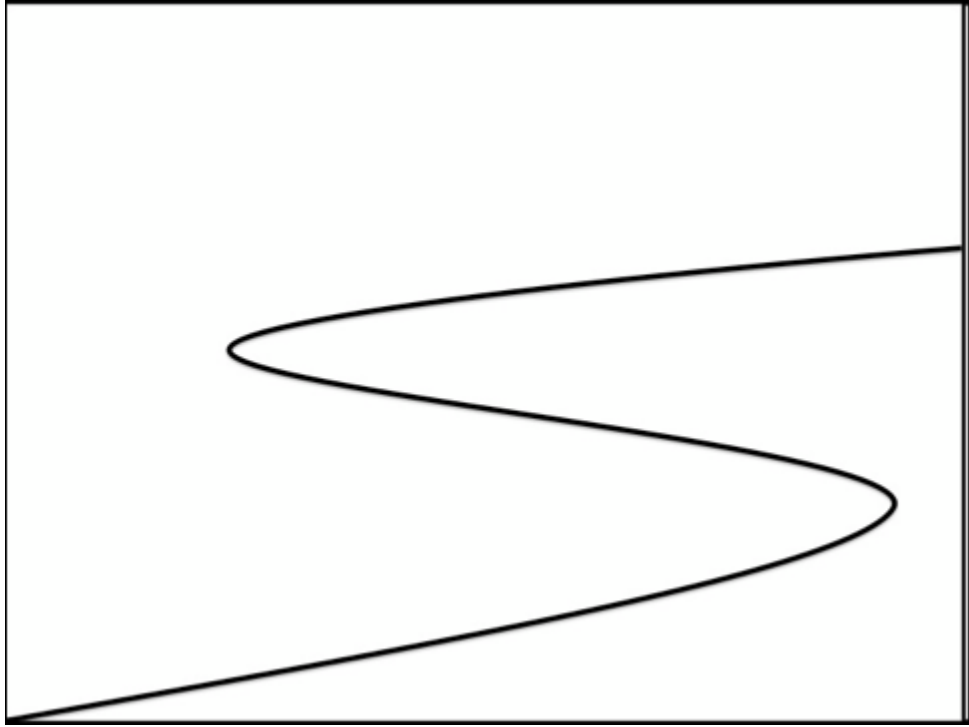


**rule of thirds**



by Molly Mehling

**rule of thirds**

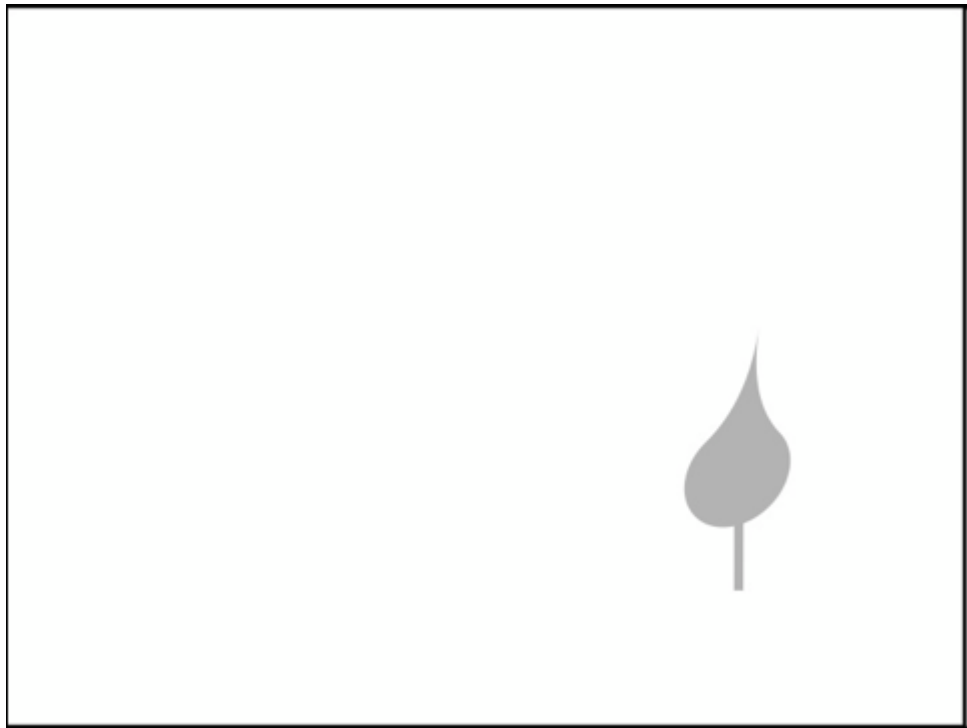


**leading lines**



by Molly Mehling

**leading lines**



**negative space is powerful**



by Neil Losin

**negative space is powerful**

# 3 - Focus

- know your camera/lens  
minimum distance
- practice focusing subjects
- stabilize, stabilize, stabilize!
- focus and shift
- learn more about aperture and  
depth of field



by Neil Losin



# Editing

- crop, if needed (avoid)
- increase contrast slightly
- increase saturation slightly
- vignette with exposure or blur



BEFORE



AFTER

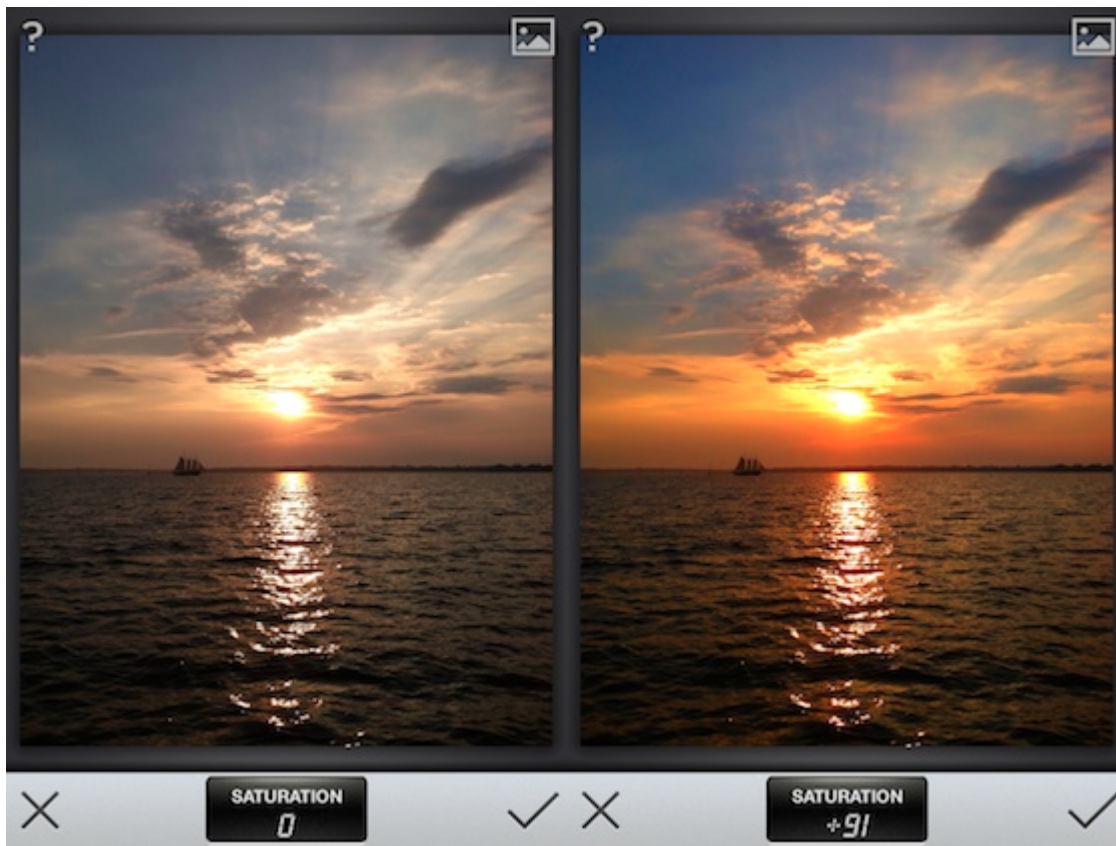
<http://www.lostmanproject.com/blog/darkroom/snapseed-powerful-and-optimized-for-the-mobile-smarthphone-screen>

## Editing in Snapseed



<http://www.lostmanproject.com/blog/darkroom/snapseed-powerful-and-optimized-for-the-mobile-smarthphone-screen>

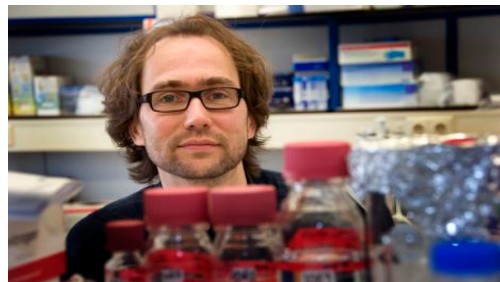
## Editing in Snapseed



<http://iphonephotographyschool.com/snapseed-mistakes/>

**Know when to stop... aesthetically and ethically.**

# Creative ~~Mug~~ Head Shots







Dr. Scott Pitnick by Nate Dappen.



Dr. Nate Dappen by Dr. Neil Losin.

# Share the results!

Join the Flickr group and upload your favs!

<https://www.flickr.com/groups/2689376@N20/>