

WHAT THE HECK DO I DO NOW?

Handling difficult photography challenges with grace and success

Tough Photo Challenges

Field Shooting

- Cold weather
- Inclement weather
- Shooting around water
- Camera/lens damage
- Anticipating and Preventing

Editing and Computing

- Wrong exposure
- Wrong ISO
- Wrong aspect
- Card damage and recovery
- Backup

Sh-sh-shooting in the c-c-cold



**Convertible
gloves or
mittens make
shooting easier.
Use back button
focus.**



**Small pouch or
wallet on lanyard
for batteries**



Put cameras and lenses in Ziploc bags before you move from cold to warm to keep condensation off your gear.



**Add insulation tubes to
tripod legs. Pipe
insulation works great.**



**Use a UV filter to
cut haze and
protect your
front element,
and threads.**





Water is critically bad for digital cameras. Protect your camera from the elements.



If your camera quits due to water intrusion

- **Immediately** turn the camera off and remove the battery.
- Find a sealable container and fill it with rice or cat litter.
- Place your gear into the container and seal it up for 24 hours.
- Some camera gear has protective circuitry that disables it when moisture is detected. Hopefully that's all that happened, and some time in the container will do the trick.



Most camera damage can be avoided

- Hang your camera bag from your tripod to lower its center of gravity.
- Be sure your camera is secured to your tripod.
- Use a UV filter to protect the front element.
- If your camera begins to malfunction, remove the battery for 30 seconds.
- Carry a spare camera body.
- Don't change lenses in high winds, on a narrow trail, or while moving.
- Don't set your camera down on the beach.
- Keep spare lens and body cap in an easy-to-access pocket.
- Use a camera strap.
- Use a lens hood, always.

After the shoot: Correcting Errors

- Poor exposure
- Shot accidentally at 1/1600 @ f/14 ISO 640
- Shot RAW, increased exposure by 4 stops.





Wrong aspect







After the shoot: Recover deleted files

- Deleted files MIGHT still be there.
- Free - Windows: <http://www.piriform.com/recuva>
- Free - Mac: <http://www.cgsecurity.org/wiki/PhotoRec>
- \$\$ - <http://www.lexar.com/imagerescue>

After the shoot: Backing up

- My best practices, everyone's are different
- In the field – use dual card camera, set to backup, NOT overflow
- End of each day – dump card to computer with portable drive AND portable backup drive, and to Dropbox or AWS S3
- At home – dump portable drive to your main computer and backup drives



Using These Tips In The Real World

January 9-15

TPG Yellowstone Winter Photo Safari

Morning Temperature -34°F

Snow approx 1" per hour

After two days, cold and clear

Images from Yellowstone

TPG Yellowstone Winter Safari
January 9-15, 2017

TPG Members

Doug Ayers

David Brookover

Michael Cohen

Fereshte Faustini

Beth Holmes

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Loren Nelson

What happens when seven photographers
interpret the same place at the same time
in their own way?

Doug Ayers











David Brookover







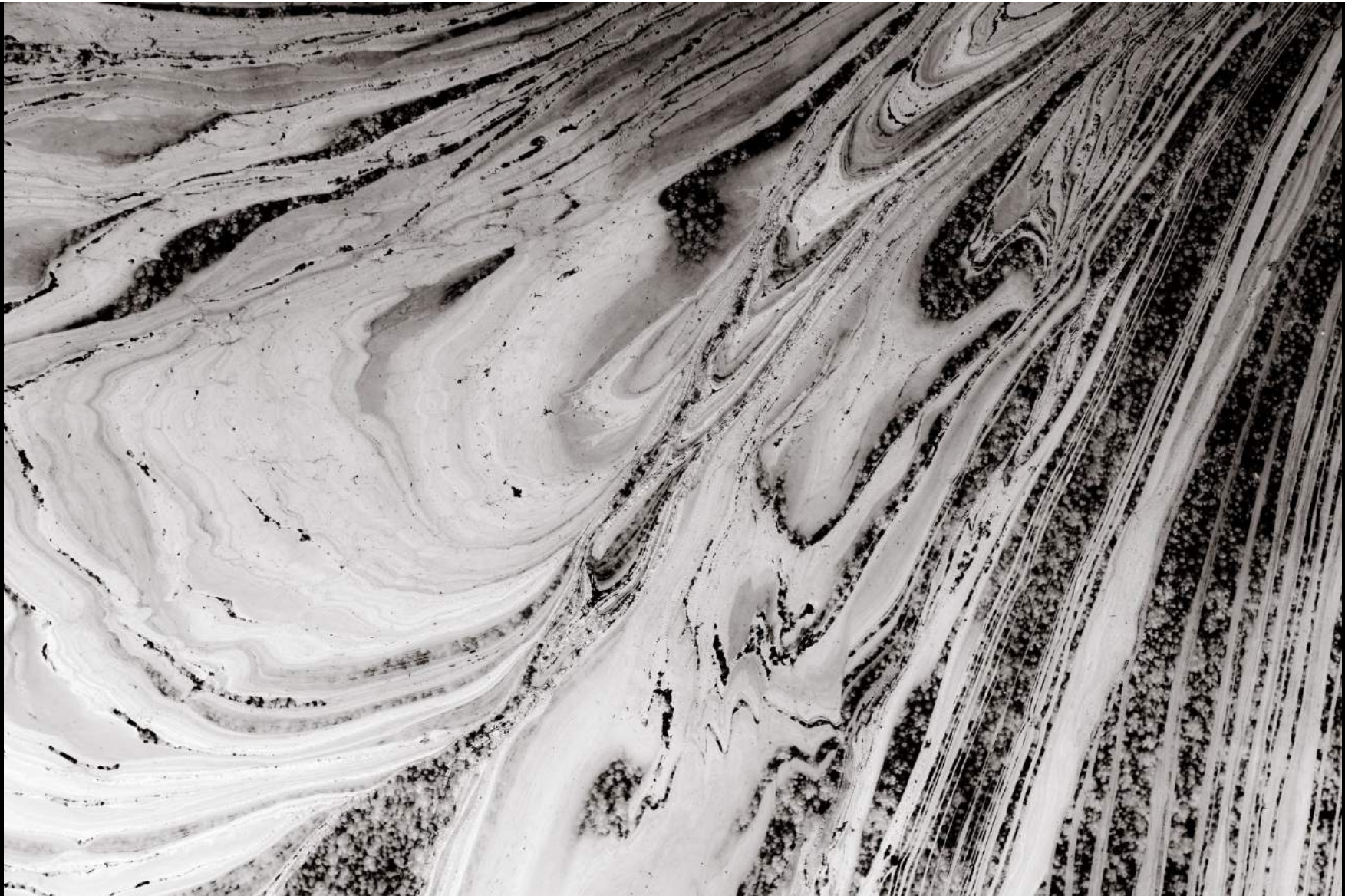








Michael Cohen





















Fereshte Faustini



















Beth Holmes



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Loren Nelson







Norris Museum

















Thank you.

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