



# Digital Resource

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John Mootz

APFO

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# Ortho Imagery by Prime

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- Using different contractors for acquisition and ortho production adds program risk
  - Can cause finger pointing between contractors
  - Requires knowledge of ortho's production process
- Combining into single contract maximizes competition
  - \$13.50/DOQQ (40% increase) for an 7,000 sq mile, 50cm project



# Stereo from Direct-digital

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- Several projects have been collected in stereo
  - i.e. Boise NF in 2008
- Idaho resource 50cm ortho project
  - approx 12,000 sq miles
  - 16-bit raw stereo images (GeoTIFFs), Ortho (DOQQs), and stereo block file
  - \$38 / sq mil
  - Estimated 30-35 Tb of data
- New “standard” project?



# Potential Cost Savers

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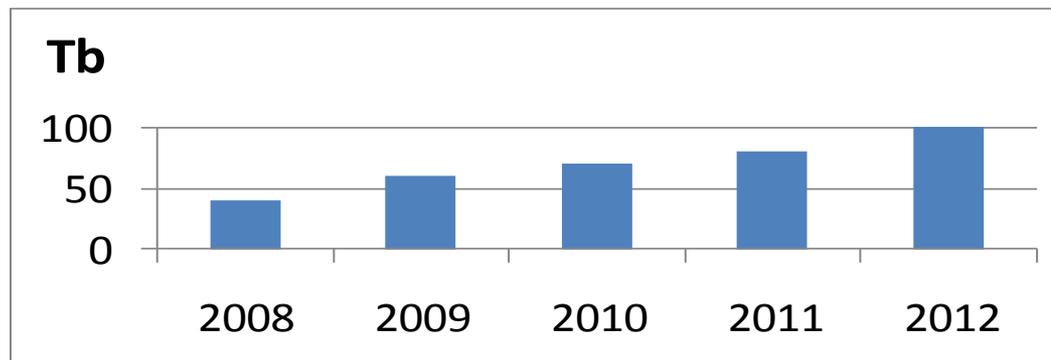
- Lower Sun Angle
  - Direct-digital cameras allow greater dynamic range than film...assuming processing is done on the original 12/14-bit imagery.
- Physical coverage
- ???



# Imagery Storage

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- **Backup:** Copy of data that may be used to restore the original in the event the latter is lost or damaged beyond repair. It is a safeguard for data that is being used.
- **Archive:** Single or a collection of historical records specifically selected for long-term retention and future reference. It is usually data that is no longer actively used
- What are the req'ts for Resource projects? Who, what, & where?
  - Need good estimate for long-term planning





# IDIQ for Fire

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- APFO can issue an “open” contract for quick response to fire imagery
  - IDIQ contract
  - Limited to geography region (i.e. western US)
- Is there a requirement?
  - Will discuss disaster support this afternoon