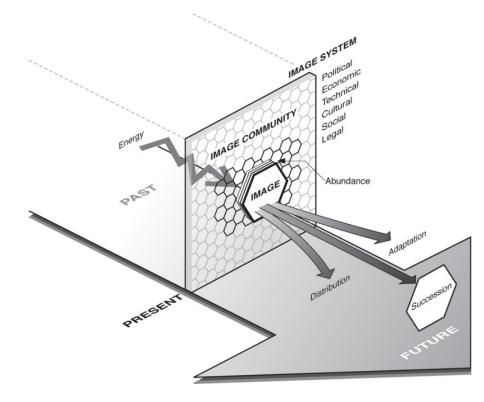
Seeing is not believing: Visual literacy in the age of Al

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Module 4: Sontag's Ecology of Images

Sontag's Ecology of Images



From On Photography

- According to S. Sontag (1977, p.180), the power of photography has altered our understanding of reality
- The distinction between images and things, copies and originals has been blurred
- One could think of images as merely shadows
- Sontag argues that images are material realities in their own right
- Images are more real than anyone could have supposed
- They turn the tables on reality
- Sontag urges for a way of including images into the real world

Sontag's Ecology of Images

- According to S. Manghani (2013, p.1), Ecology of Images to be understood as a guiding metaphor – seeks to locate how/why images operate in certain environments/systems of meaning
- Takes a cue from the ecologist's three main 'units' of assessment the organism, its community, and the eco-system – an image always exists in a set of contexts
- 'Image system' includes and interconnects with political, cultural, economic, technical, social, legal discourses and systems
- History is a crucial aspect of the image and how it fits into the past, present, and future
- Sontag's thoughts on an 'ecology of images' pertain to certain ethical principles about reality, representation, and images

For more on Manghani's interpretation of Sontag's *Ecology of Images*: <u>http://blog.soton.ac.uk/wsapgr/files/2014/10/Looking_at_images_MANGHANI.pdf</u>

Ecology of Images

- Encourages one to examine images beyond their content, to consider how/why they are produced, consumed, and how/why they are used to make meaning(s)
- Technological advancements of the digital age oblige us to:
 - reflect on the ever-present influence of visual information
 - engage in the exercise of slow looking
 - view images as constructed artifacts that have a past, a present, and a future
 - enhance our visual literacy

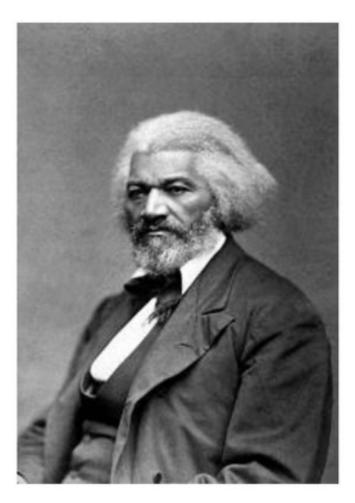
Modelling an Ecology of Images

- Caldwell & Gedeon identify "how images can be mapped to the ecologically-based flows of lifecycle, abundance, scale, distribution, interaction, habitat and temporality" (2021, p.13) in order to understand images as reflections of the real world and to examine how we interact with them
- C&G use Sontag's Ecology of Images as an organizing principle for understanding the dominant place of images in our culture and for acknowledging their capacity to reflect, organize and mediate reality
- The following slides (7-11) use their examples in order to consider how "to frame a system of manufactured artefacts" (p. 2) such as images

For more on Caldwell & Gedeon's interpretation of Sontag's framework:

Caldwell, S. & Gedeon, T. (2021). Framing photos in the digital dark age: towards a sociotechnological 'ecology of images'. Proc. SPIE 11842, *Applications of Digital Image Processing XLIV*, 118420N. <u>https://doi.org/10.1117/12.2598440</u>

Temporal patterns



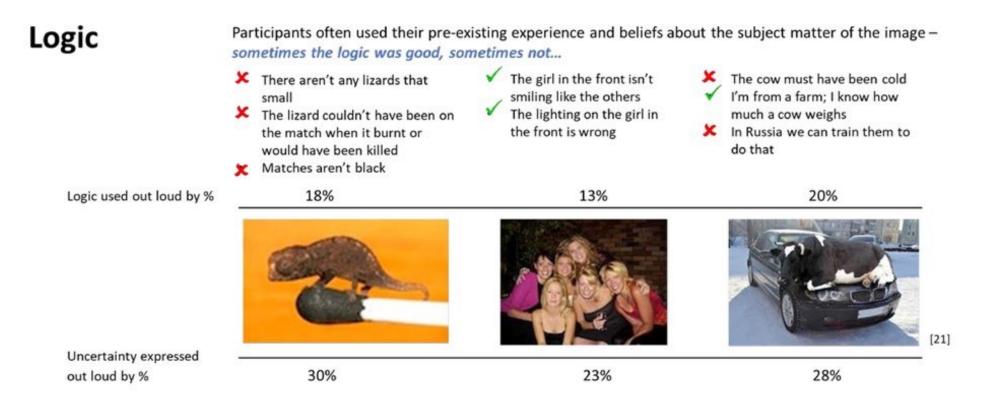
Frederick Douglass, social reformer and writer, 1818-1895

Abundance and scale



Erik Kessels, 24 hours of Flickr, 2011

Interaction

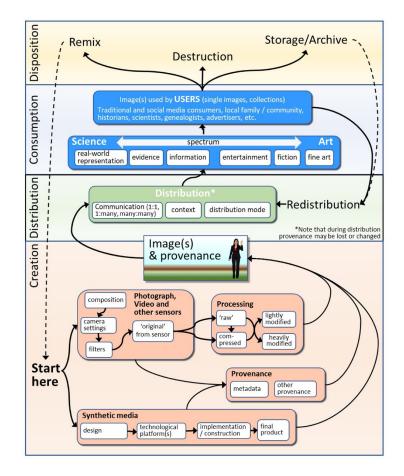


The use of logic and element of uncertainty by viewers of photographs of unknown veracity

Distribution & Habitat



Lifecycle of an image



Lifecycle of images, in which an image is brought into being during the creation phase, then distributed, consumed by users of the image, and ultimately disposed of. The disposition may incorporate a feedback loop in which the image is stored for future disposition or remixed into a new image.

Resources:

- Sontag, S. (1977). On Photography. Farrar, Straus and Giroux.
- Manghani, S. (2013). Looking at Images: A Researcher's Guide. <u>http://blog.soton.ac.uk/wsapgr/files/2014/10/Looking_at_images_MANGHANI.pdf</u>
- Caldwell, S. & Gedeon, T. (2021). Framing photos in the digital dark age: towards a socio-technological 'ecology of images'. Proc. SPIE 11842, Applications of Digital Image Processing XLIV, 118420N. <u>https://doi.org/10.1117/12.2598440</u>