# History of photography (part 2): documenting the world

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#### Outline

- everyday scenes
- architecture and archaeology
- wonders of the industrial age
- → notable events
- the beginning of photojournalism
- wet plate photography
- ◆ Matthew Brady and the Civil War
- surveying the West

## Everyday scenes



(Rosenblum)

Porta della Ripetta, Rome, 1846

(photograph by Calvert Jones)

## Everyday scenes

(Gardner)

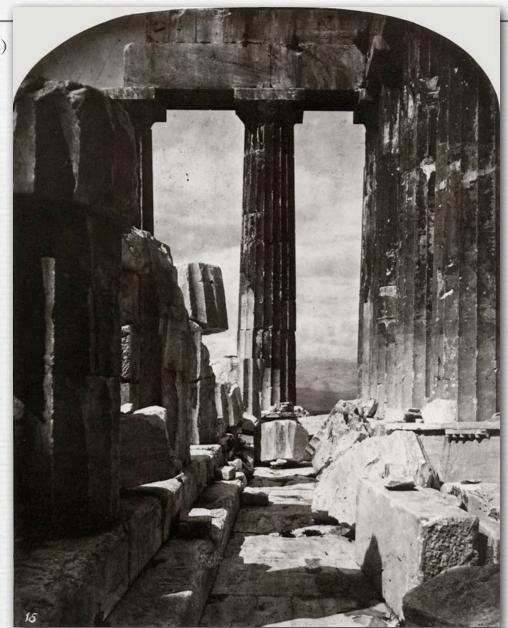
(Rosenblum) Harbor of La Rochelle, 1851 (painting by Corot)

Banks of the Seine at Sèvres, 1851

(photograph by Victor Regnault)

## Architecture and archaeology

(Newhall)



The Parthenon, 1869

(photograph by William James Stillman)

## Architecture and archaeology

(Newhall)

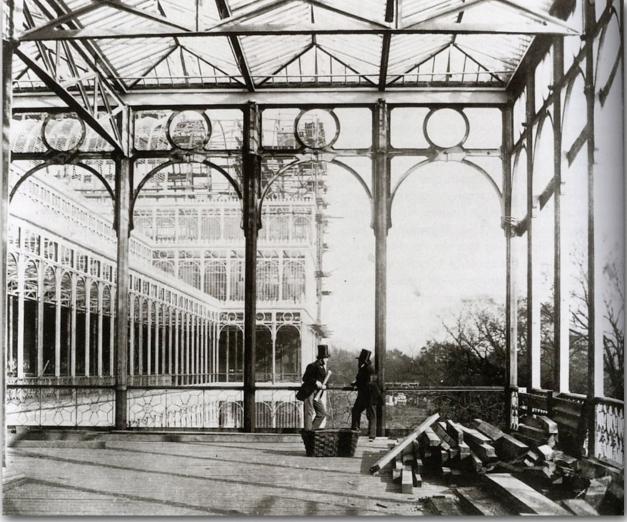
(Marc Levoy)



Notre Dame cathedral, 1851 (photograph by Charles Negre)



## Wonders of the industrial age

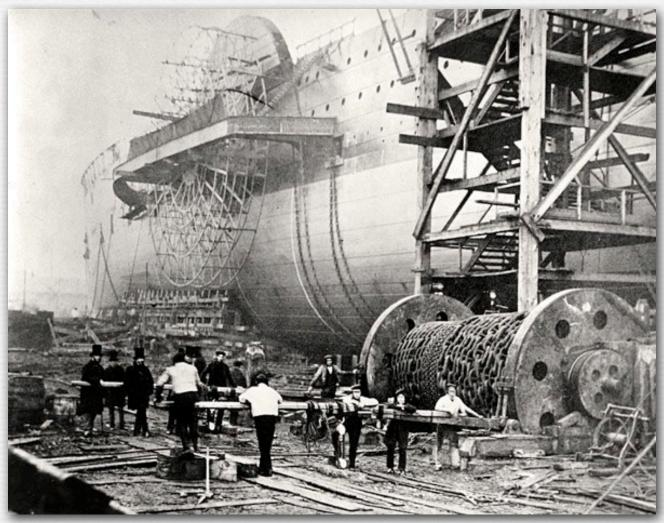


(Rosenblum)

The Crystal Palace, London, c. 1853

(photograph by Philip Henry Delamotte)

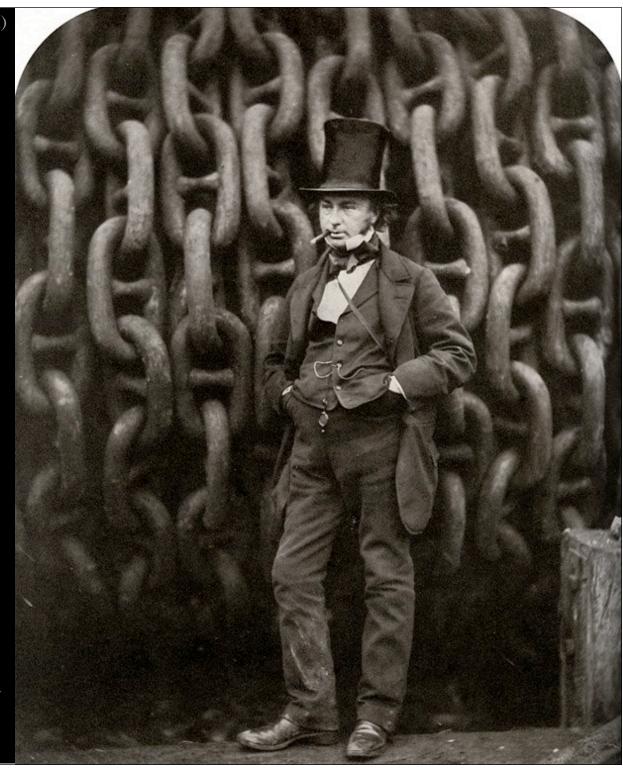
## Wonders of the industrial age



The Great Eastern being launched, 1858

(photographer unknown)

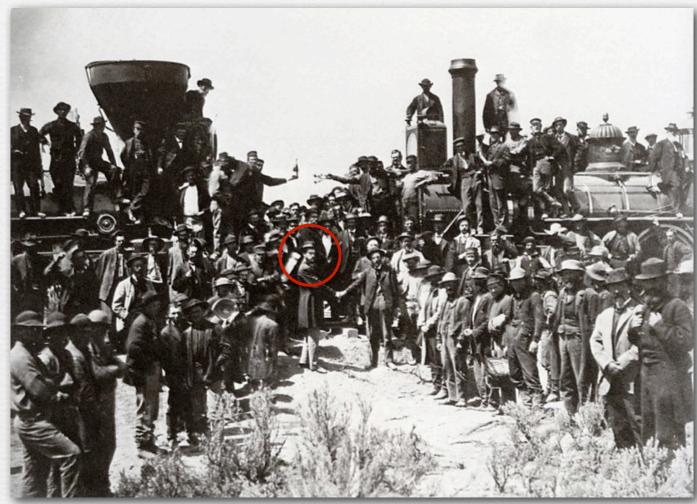
(Newhall)



Isambard Brunel, Builder of the Great Eastern (photograph by Robert Howlett)

#### Notable events



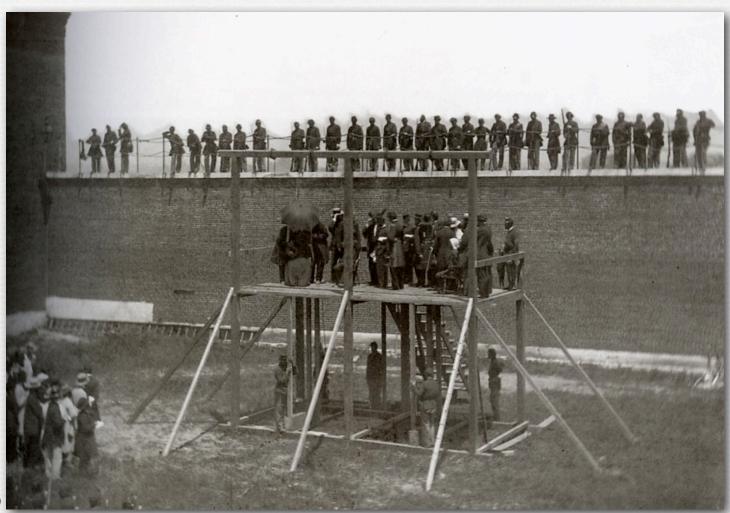


(Newhall)

Meeting of the Rails, 1869

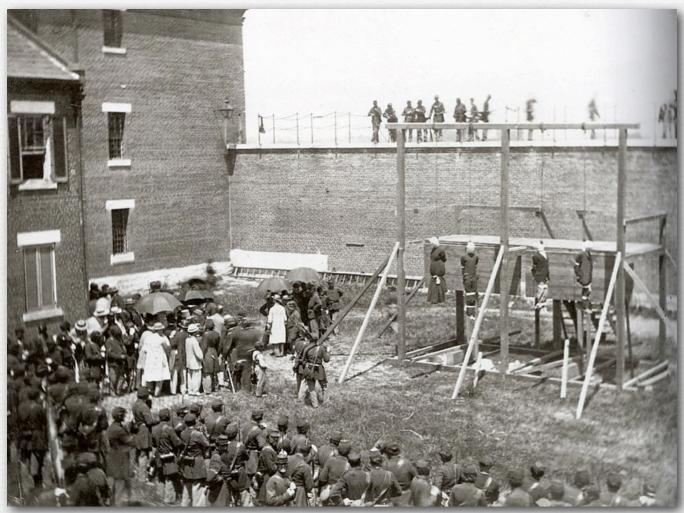
(photograph by Andrew J. Russell)

# The beginnings of photojournalism



(Rosenblum)

# The beginnings of photojournalism



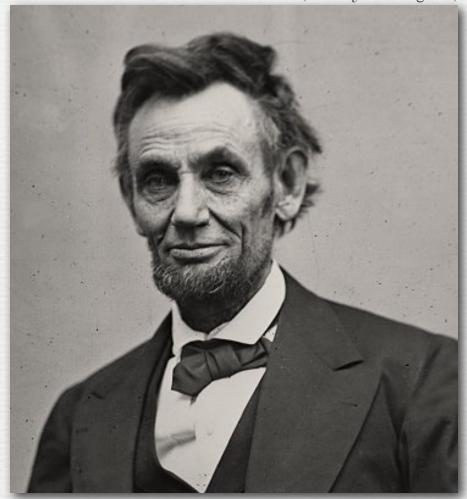
(Rosenblum)

Execution of the co-conspirators, 1865

(photograph by Alexander Gardner)

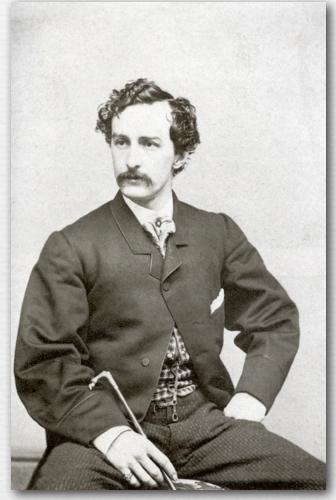
# The beginnings of photojournalism

(Library of Congress)



Abraham Lincoln, 1865 (photograph by Alexander Gardner)

(Rosenblum)



John Wilkes Booth

## Wet-plate collodion photography

- → developed in 1851 by Frederick Scott Archer
  - clean the glass plate (extremely well)
  - flow the glass plate with "salted" (iodide/bromide) collodion
  - immerse the plate in a silver nitrate bath (for 3-5 minutes)
  - expose the plate (from one second to several minutes)
  - develop the plate (using an ferrous sulfate based developer)
  - fix the plate (with potassium cyanide or sodium thiosulfate)
- any number of prints can be made
- exposure must immediately follow silvering, so requires a traveling darkroom

## Matthew Brady (1822-1896)

(Rosenblum)



a wet plate photographer at work, circa 1877



(wikipedia)



Colonels of the 164th New York Cavalry



(Garrison)

Camp life



(Garrison)

Artillery

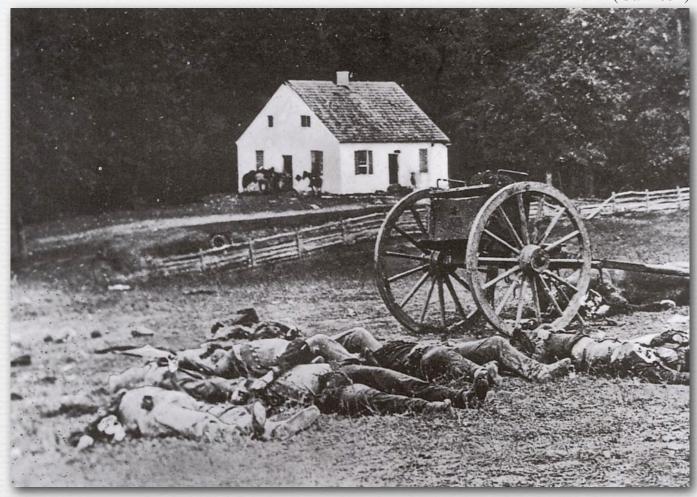
(Garrison)

Fortifications



Lincoln visiting Antietam, 1862

(Garrison)



- bloodiest battle in American history (23,000 casualties)
- this photograph was probably posed

Dead at Antietam, 1862

(photograph by Alexander Gardner)

(Archives)

The Ruins of Richmond, Virginia, 1865



General William Tecumseh Sherman, 1865

## Surveying the West

(Rosenblum)

The Hayden Survey, 1870

(photographed by William Henry Jackson)

## Landscape tourism

(Truettner)



Thomas Cole, Crawford Notch, 1839

## Landscape tourism

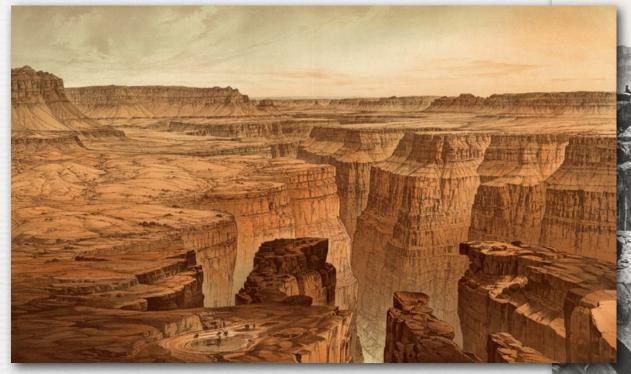
(Salinger)



Alfred Bierstadt, The Rocky Mountains, 1863

Surveying the West

(Archives)



Grand Canyon, 1882

(ink and watercolor by William Holme)

Grand Canon of the Colorado River, 1871

(photographed by John K. Hillers)

## The founding of Yellowstone Park



Grand Canyon of the Yellowstone, 1871

(photographed by William Henry Jackson)

## The founding of Yellowstone Park



Grand Canyon of the Yellowstone, 1872

(watercolor by Thomas Moran)

#### Slide credits

- Newhall, B., *The History of Photography*, Little, Brown & Co., 1982.
- Rosenblum, N., A World History of Photography (4th ed.), Abbeville Press, 2007.
- Garrison, W., Brady's Civil War, The Lyons Press, 2000.
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