

## Computing in Society

- Does society drive technological innovations?
- Does technology change society?
- Technological and social determinism

What are the significant technological innovations in your lifetime?

What are the significant social changes in your lifetime?

## Computing in Society

- Does society drive technological innovations?
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## Relationship between technology and society

- Technological determinism  
A society's technology determines its cultural values and social structures
- Social determinism  
Both the path and consequences of technological innovation are shaped by society
- Mutual shaping

## Case study: "Superstorm Sandy" 2012



<https://www.youtube.com/watch?v=IV3trdyDdHE>

### Social Informatics

- Public uses of the internet
- Impact of technology in organizations, groups, and large-scale social settings
- Analysis of the use of technology in specific social contexts
- Life with computer-mediated communication
- The social shaping of information system
- The role of technology in changing or reinforcing patterns of work life, community life

### Ethic and law in a computing-oriented society

- What are some of the challenges/risks that result from recent technological innovations?
- Are new legislations necessary?
- Ethical frameworks for analyzing issues

Homework – due Tuesday 10pm

### Reading Assignment 1

Read, then answer questions on the course website

(Please write in complete sentences)

Note: textbook is 5<sup>th</sup> ed., not 4th