



Module #14a: **Display Systems**



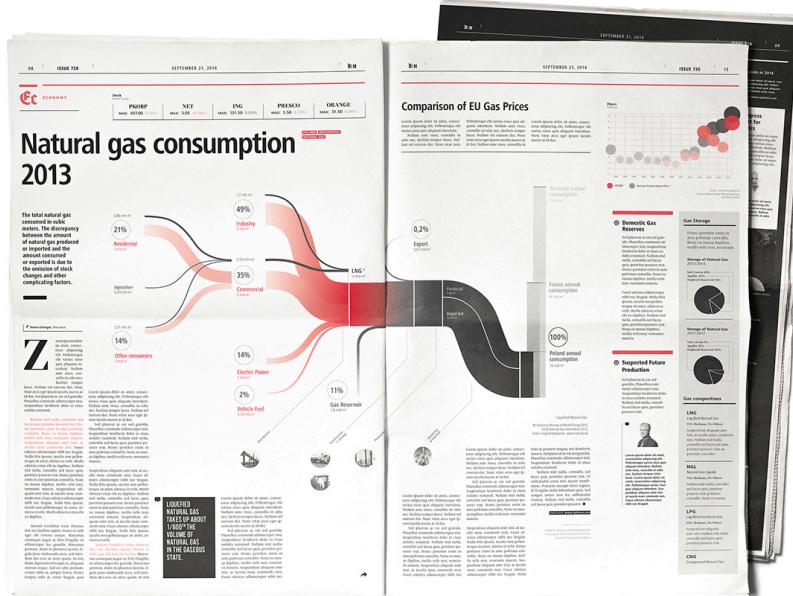
Objectives

- Discuss the importance of considering the medium
- Describe multiple display systems widely used for data visualization
- Explain flexible approaches to create high-scale display systems

Mediums for Data Visualization

1. Paper

- Paper Documents
 - 2D, poor navigation, static





2. Desktop

- The Desktop Display
 - High resolution but limited display area





3. Large Scale

- Large Scale Display Systems
 - Multiple displays, large displays



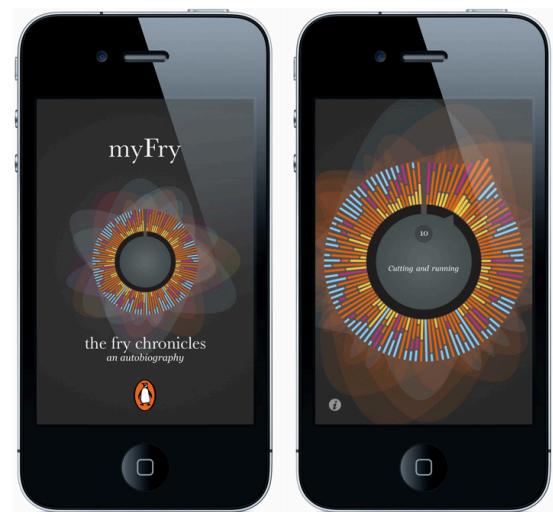
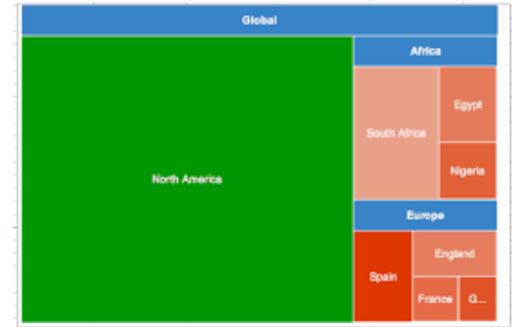


Images from EVL



4. Mobile Devices

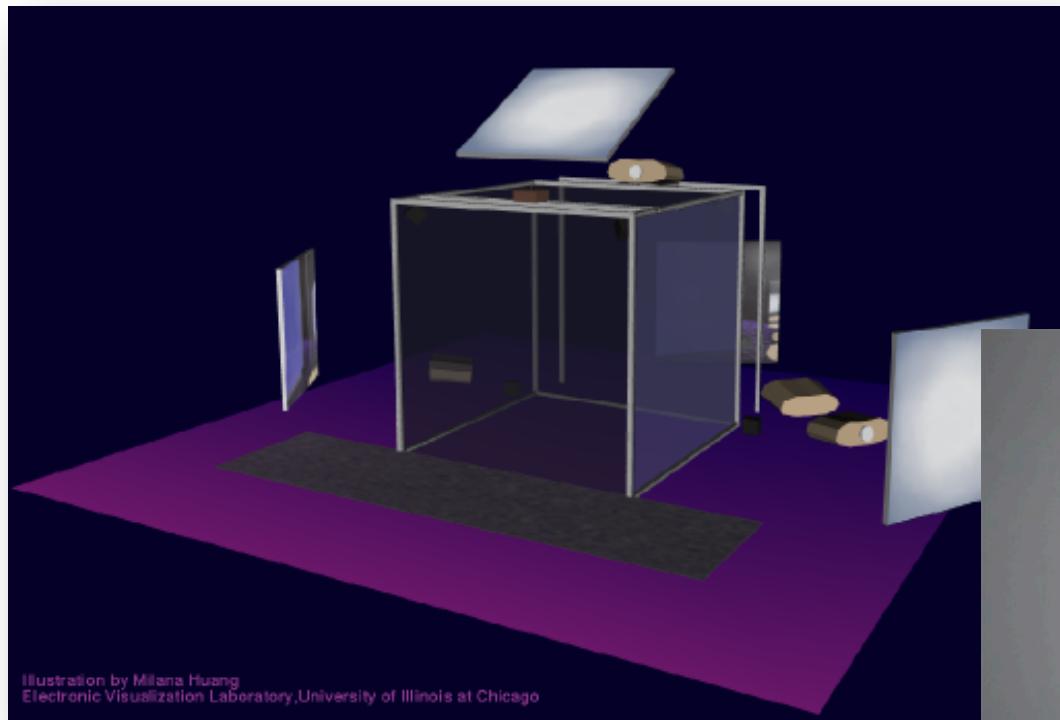
- Small mobile devices



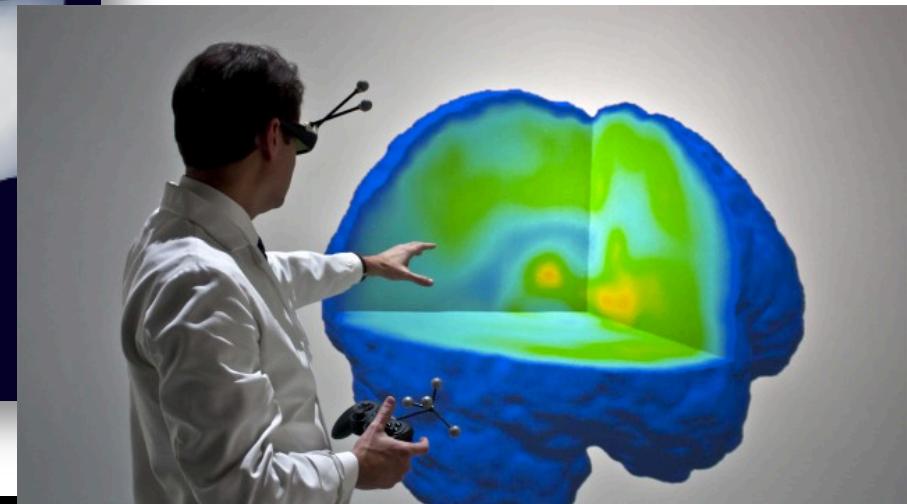


5. Virtual Reality / Immersive Environments

- Immersive Environments



Cave





6. Stereo Displays

- Stereo Displays



ImmersaDesk



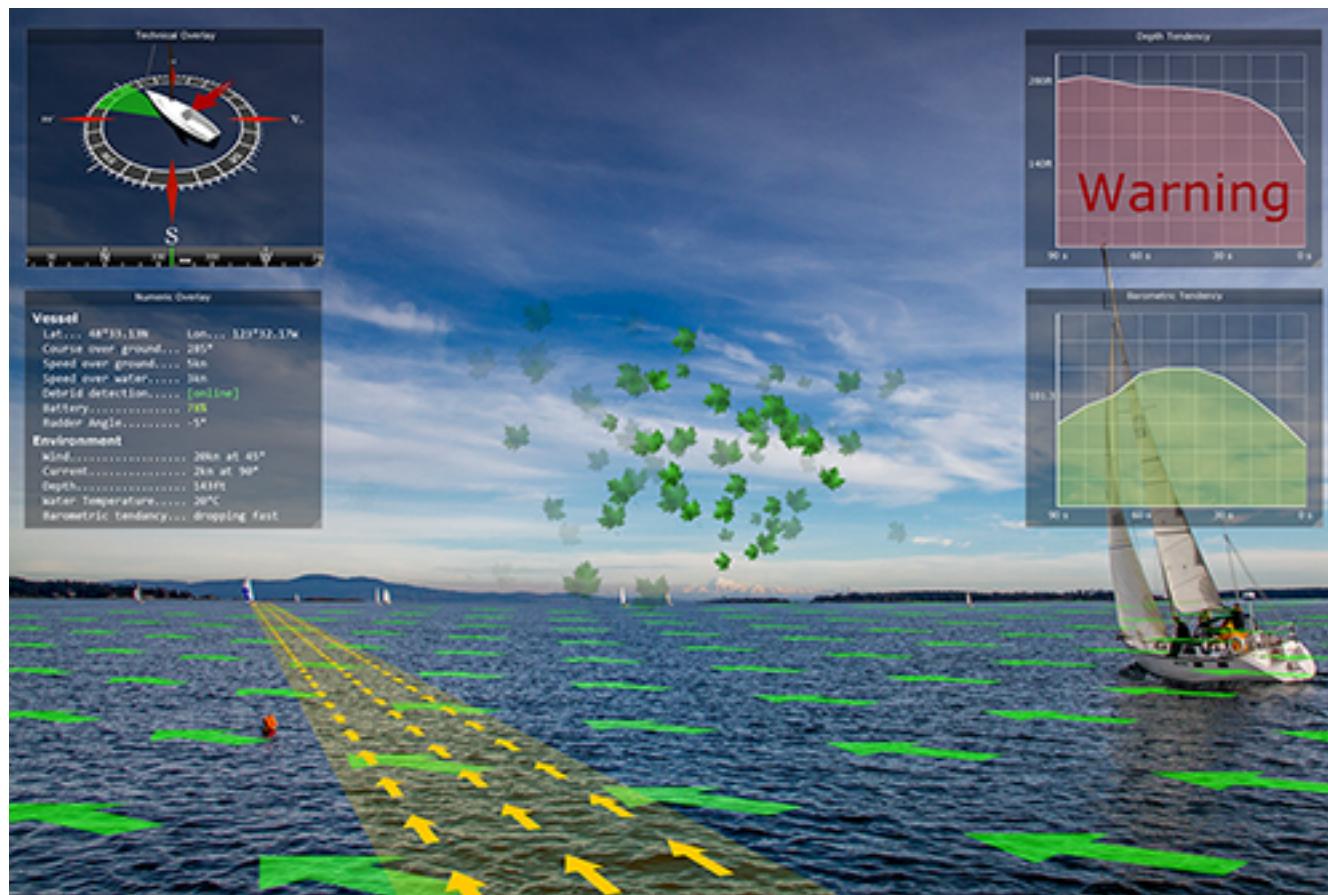
7. Augmented Reality

- Augmented Reality





7. Augmented Reality





Things to consider

- Display size
- Display configuration
- Resolution
- Input
- Task
- Audience
- Personal or collaborative
- Artifacts
- User Acceptance
- Etc...