

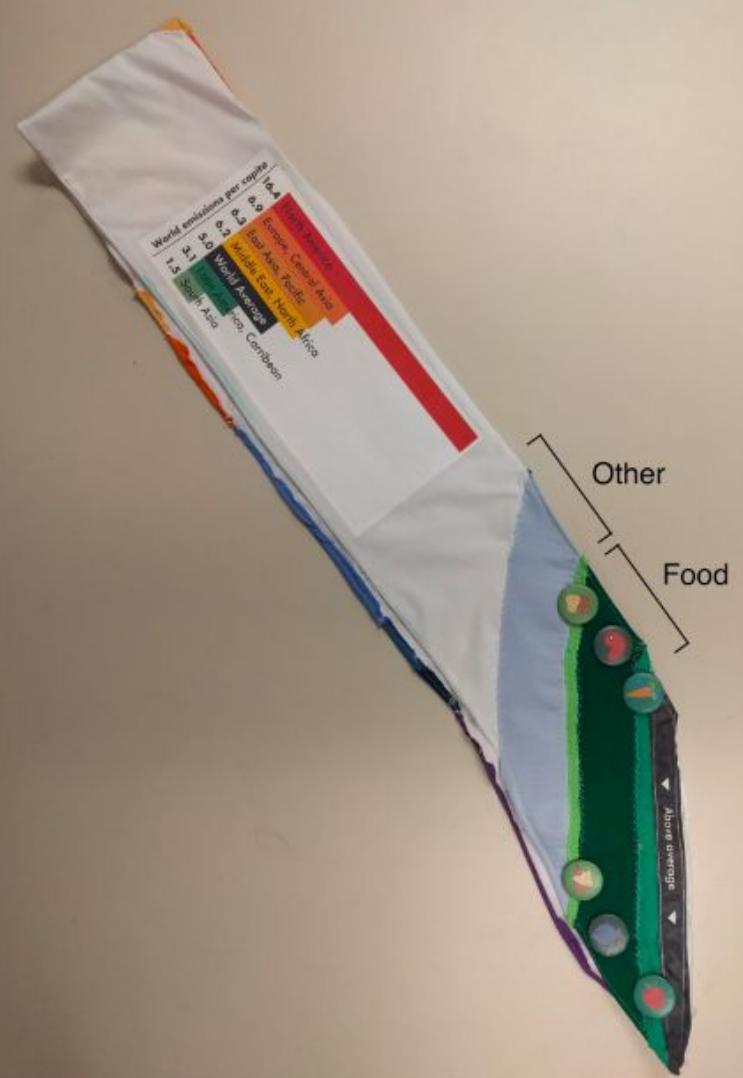
# Wearable Carbon Footprint

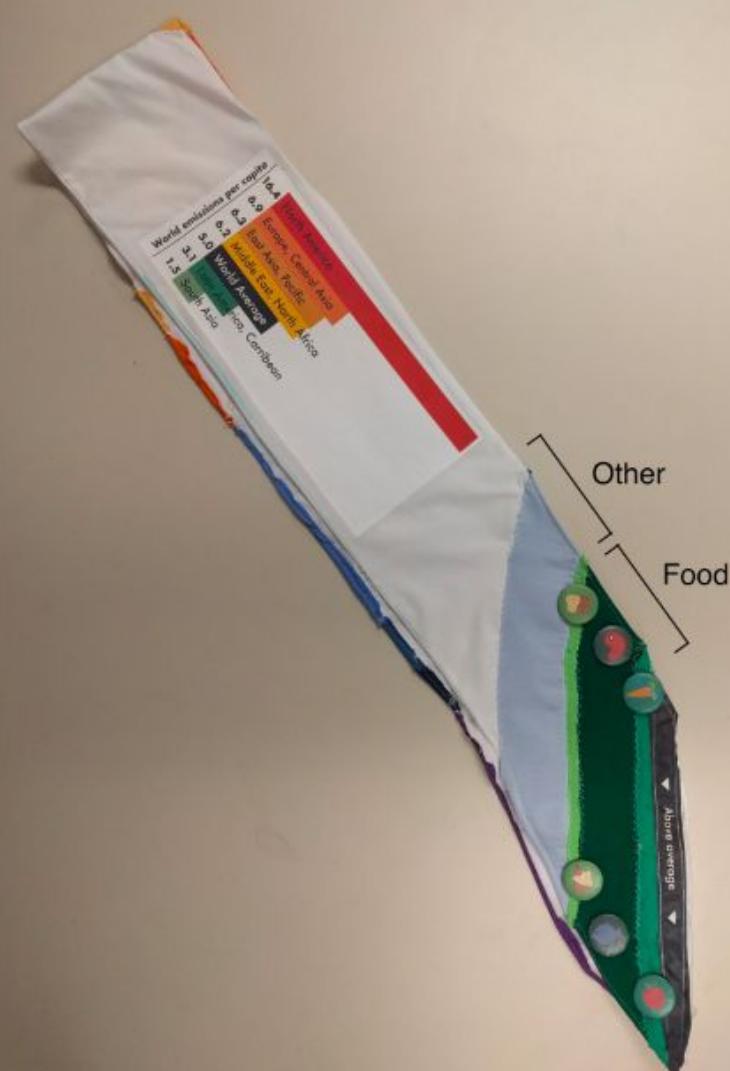
An exploration of personal ecological data

M.S. Digital Media Project  
Stephanie Dykes









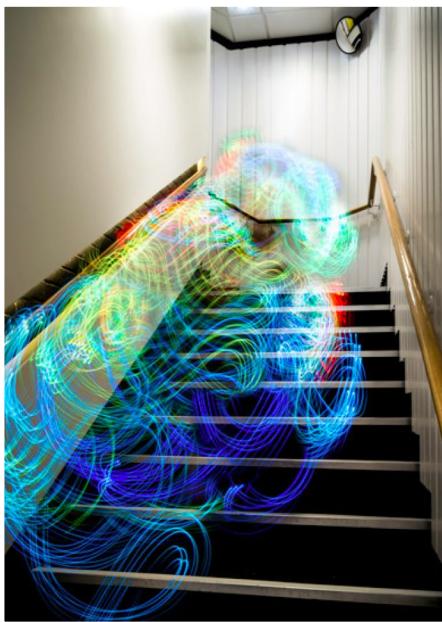
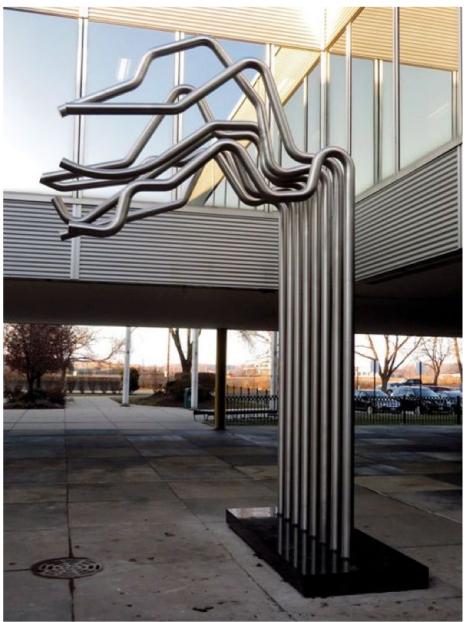
---

# Goals of project

- Exploring my personal relationship to my carbon footprint data
- Promote awareness of individual carbon footprints, as well as stimulate discussion about the larger-scale systems and structures that affect climate change
  - Starting at the individual level, but not putting all responsibility on individuals

---

# Related Work



---

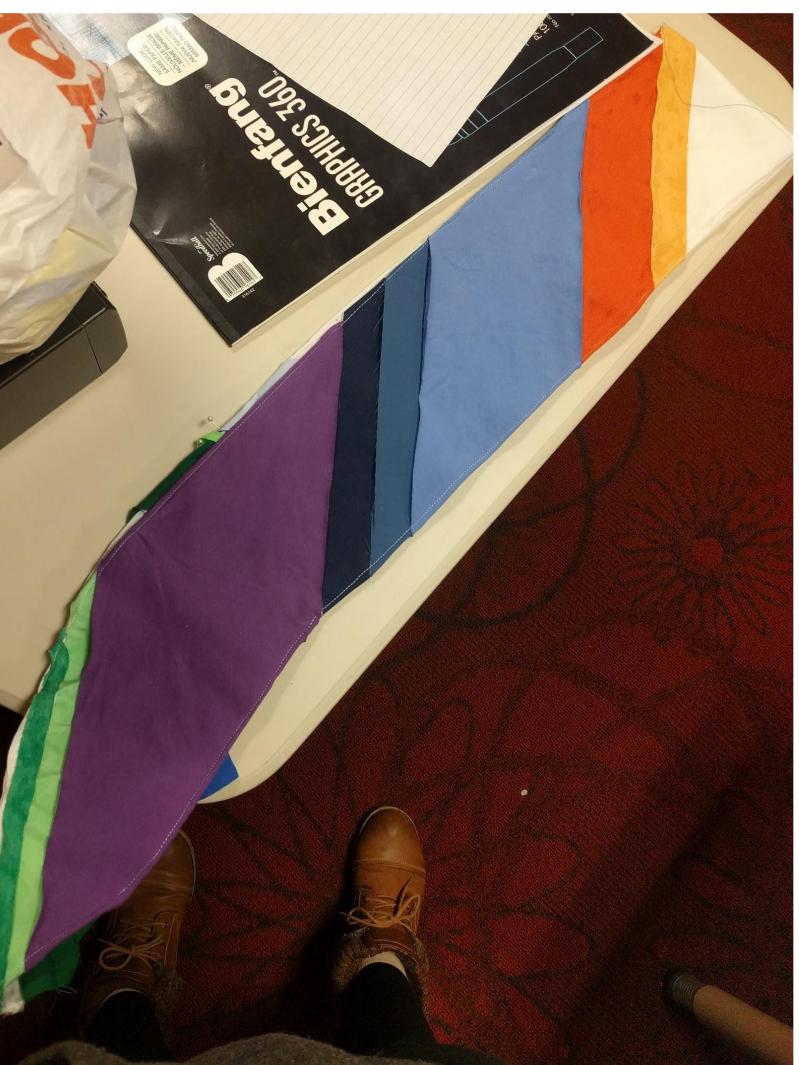
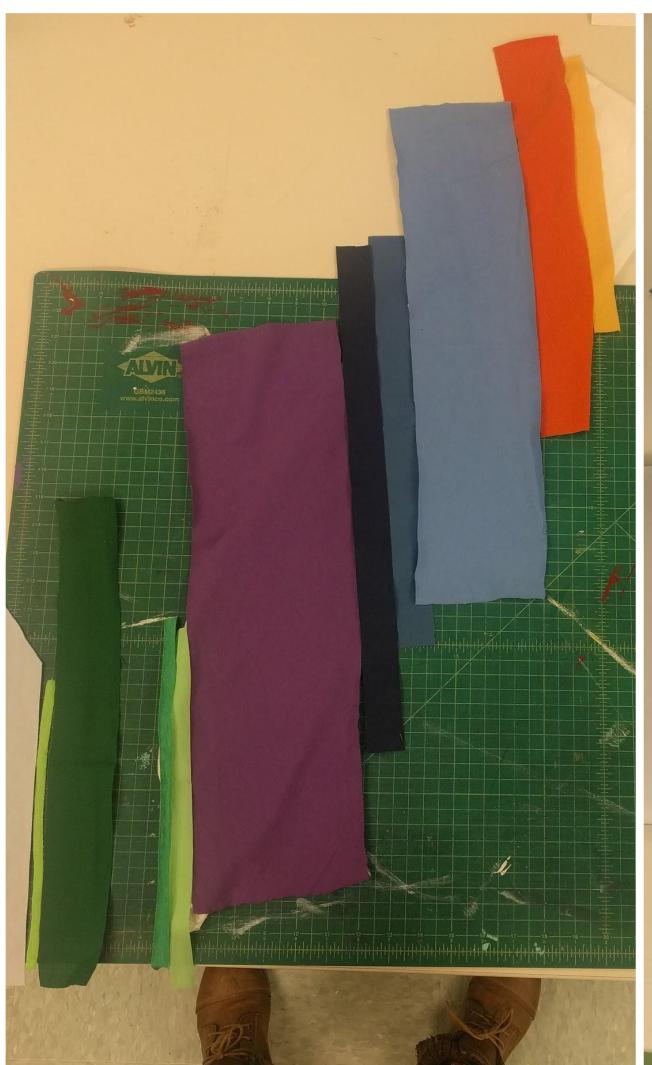
# Design Process

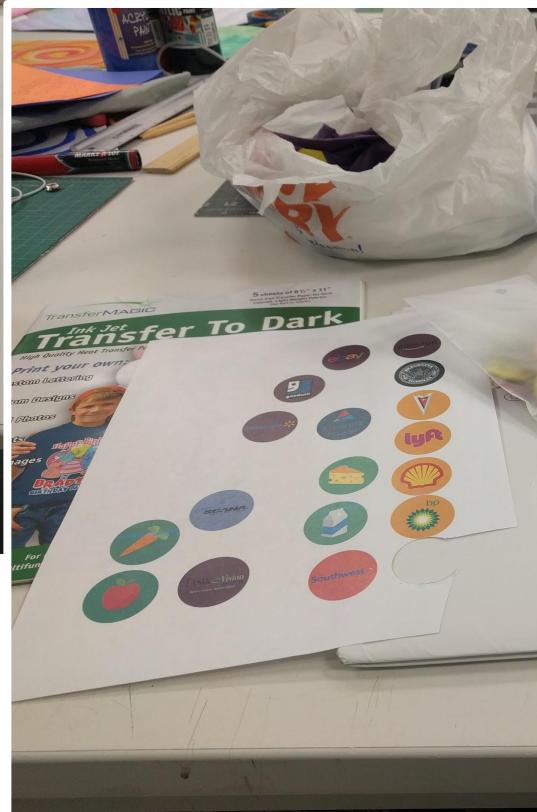














---

# Lessons Learned

---

# Personal lessons

- Awareness of my own carbon footprint in detail
- Reflection on what that means
  - Social aspect - Am I proud to be wearing this?
  - Habits - This reminds me of the size of the corresponding emissions section on my sash
    - Air Travel, Electricity, Natural Gas

---

# Productivity of interactions

- Sashes draw a lot of attention
  - “Why are you wearing a sash?”
  - “It’s an object to start conversations”
- Productive aspects
  - “I like that it’s a tangible thing”
  - Promotes awareness of carbon footprints
  - Desire for further action
  - Design suggestions



---

# Productivity of interactions

- Unproductive aspects
  - Confusing without explanation
  - Sometimes overwhelming when explained
- Room for improvement
  - Action plan
  - Placement considerations



---

## Quotes

“What if everyone wore these? We might be a lot more mindful of this kind of stuff...”

“Is that a graduation stole?”

“It’s really simple, but incredibly compelling.”

“This would be great to use in my classroom.”



---

# Future Work

---



# Thank you!