

Air Quality Alert



Semesterprojekt:

Alissa Haupt

Interface Design

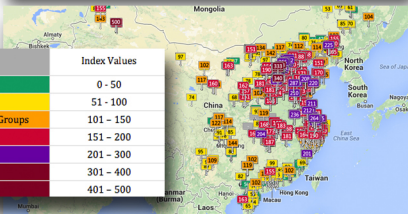
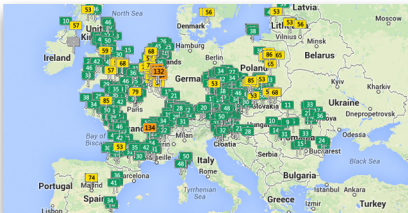
Interaction and Experimental Interfaces

Summer 2014

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AIR QUALITY INDEX



| AQI Category | Index Values |
|--------------------------------|--------------|
| Good | 0 - 50 |
| Moderate | 51 - 100 |
| Unhealthy for Sensitive Groups | 101 - 150 |
| Unhealthy | 151 - 200 |
| Very Unhealthy | 201 - 300 |
| Hazardous | 301 - 400 |
| Hazardous | 401 - 500 |

The New York Times

'Airpocalypse' Hits Harbin, Closing Schools



By MIA LI

October 21, 2013 3:15 am | School was canceled, traffic was nearly paralyzed and the airport was shut down in the northeast Chinese city of Harbin on Monday as off-the-charts pollution dropped visibility to less

COMPOUNDING ISSUES



Lack of PM 2.5-blocking masks

Lack of public awareness

Lack of transparency in state-reported data

PROJECT COMPONENTS



Air Filtration Mask



Sensor Wristband



Digital App

AIR FILTRATION MASK



Protects against 98% of PM 2.5
Air Quality Sensor

Measures wearers' AQI levels

Data transmitted over Bluetooth

SENSOR WRISTBAND



Measures wearers' AQI levels

Buzzes as reminder when AQI reaches unhealthy level

Data transmitted over Bluetooth

DIGITAL APP



Start and stop recording tracks

View past and current personal Air Quality readings

View graphs of your AQI over time

View network of user-generated AQI data

View state-run AQI data

IN THE FUTURE:
PUBLIC AWARENESS
THROUGH PUBLIC ART

