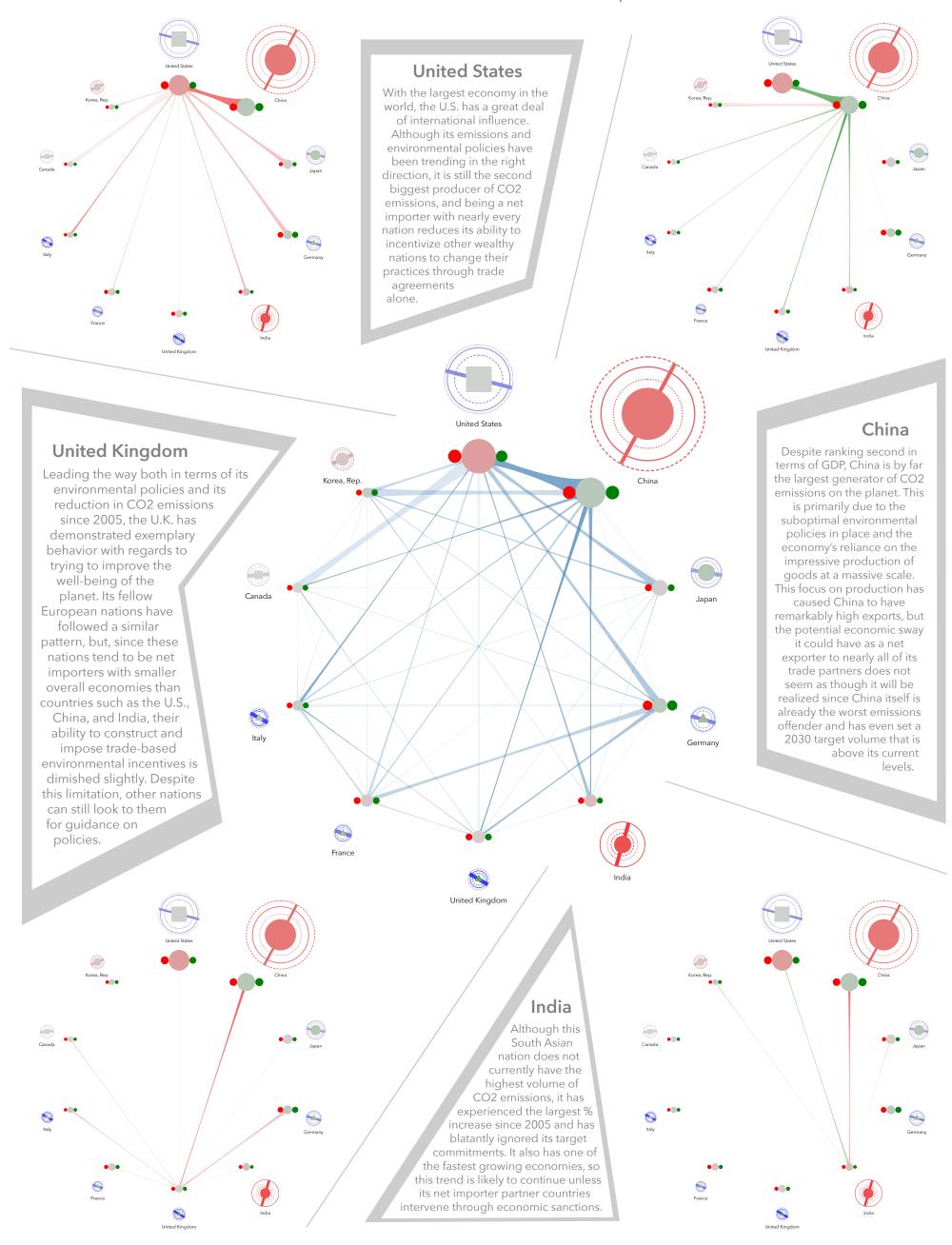
Visualizing Complexity
Data Visualization (SARC 5400)
Professor Eric Field
9 May 2023

## WWW.

Exploring how country-level CO2 emissions accountability can be contextualized within the gearter landscape of international trade relationships



## **CO2** Emissions



Area and linewidth of rings: magnitude of CO2 emissions
Dotted/solid/dashed ring: 2005/current/2030 target emissions
Color of rings and slope of trend bar: % change since 2005

blue (reduced) to red (increased)

Color of polygon: Environmental Performance Index score

red (bad) to green (good)
 Circle/triangle/square polygon: Asia/Europe/North America

## **Economic Indicators**



Area of circles: magnitude in US\$
Red circle on the left: imports
Green circle on the right: exports
Circle in the center: GDP
Color of GDP circle: net exports
• red (net importer) to green (net exporter)

## International Trade

Linewidth: magnitude in US\$
Starting width: exports from i to j
Ending width: exports from j to i
Opacity: the overall trade imbalance
clear (balanced) to opaque (imbalanced)
Color: the directional trade imbalance
red (net importer) to green (net exporter)