Texas Water Governance System Mapping

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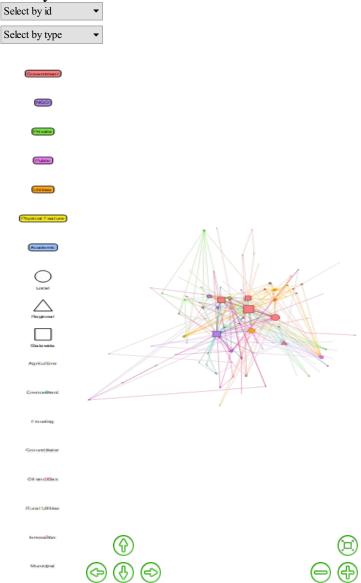
Ego-centric Network Measures

System Map Graphs

The Interactions of Policy and Governance Across Texas Water Sectors

```
##
## -- Column specification -----
## cols(
## id = col_character(),
## label = col_character(),
## type = col_character(),
## size = col_double(),
## x = col_double(),
## y = col_double()
```

Policy and Governance Across Texas Water Sectors



```
gvis_ext <- toVisNetworkData(g1_ext)</pre>
allnodes <- gvis_ext$nodes</pre>
allnodes <- allnodes %>% rename(group = type)
alledges <- gvis_ext$edges</pre>
viz <- visNetwork(allnodes, alledges, main = "Policy and Governance Across Texas Water Sectors",
   width = "100%",
   height = "700") %>%
  visIgraphLayout(layout = "layout_with_fr", physics = FALSE, randomSeed = 27) %>%
  visEdges(
    smooth = F,
    arrows = "to") %>%
  visOptions(
    selectedBy = list(variable = c("group"), multiple = TRUE),
    highlightNearest = list(enabled = T, hover = T),
   nodesIdSelection = TRUE
  ) %>%
  visLegend(useGroups = TRUE)
#visSave(viz, "media/simplied_all_network.html", selfcontained = TRUE, background = "white")
```

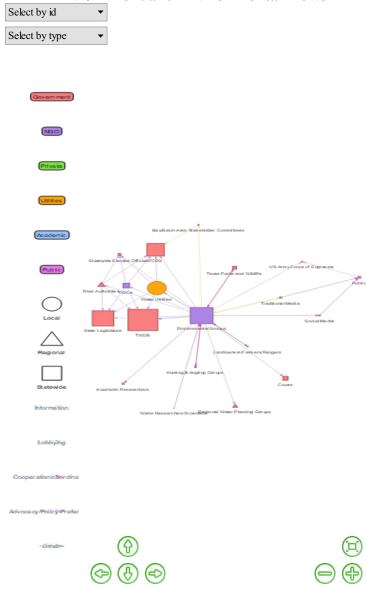
Select by id Select by type Government Local Local Regional Statewide Statewide TOED Statewide

Regulation/9 versigt



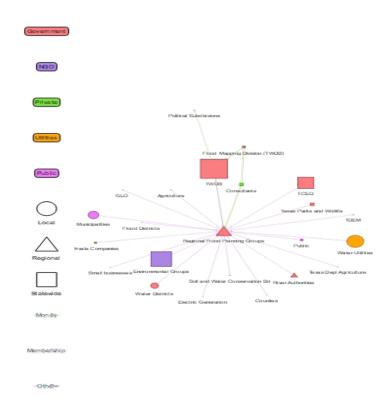


Enviornment and Environmental Flows



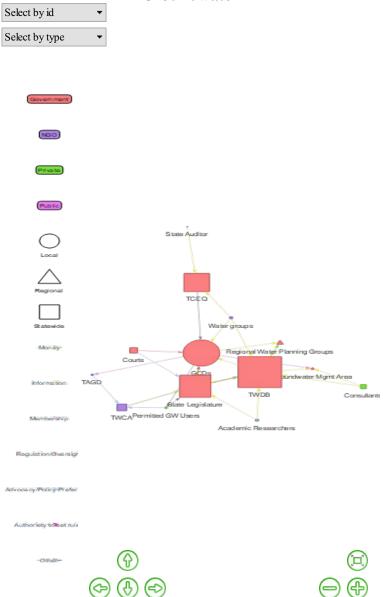
Flooding



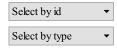


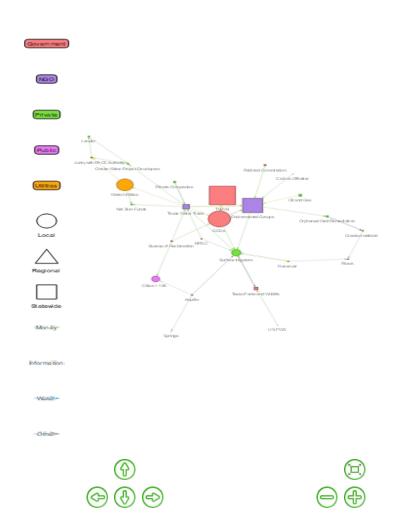


Groundwater

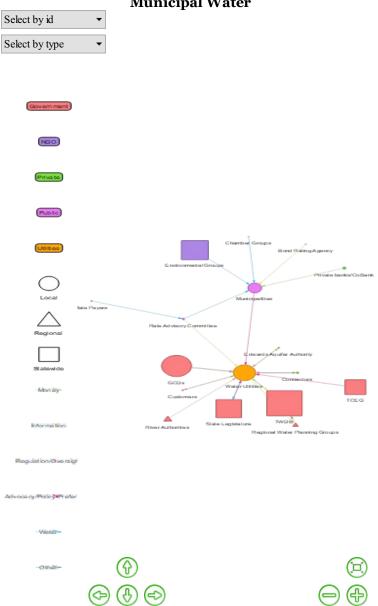


Innovation in Water





Municipal Water



Oil and Gas

