

1 Our Subfield

Xian Yang. et al. “Impact of Road-Block on Peak-Load of Coupled Traffic and Energy Transportation Networks”. In: *Energies* 11 (2018), pp. 1–12

- What did they do:
Built a simulation model to study impact of electric vehicles on the power grid
- Relevance:
Implementation of multiplex network of road/power
- Notes:
paper is very sparse on math and details

2 Power Grid

3 Road Grid

4 Hurricanes

Min. Ouyang and Leonardo Duenas-Osorio. “Multi-dimensional Hurricane Resilience Assessment of Electric Power Systems”. In: *Structural Safety* 48 (2014), pp. 15–24

- What did they do:
Defined Resilience and recovery for hurricanes on power grids
- Relevance:
Information about damage rates of various grid elements
Basic ”real world” rules for status quo repair scheduling
- Notes:
more focused on social impact and talks about multiple infrastructure layers as a thing that needs to be considered.

5 Other