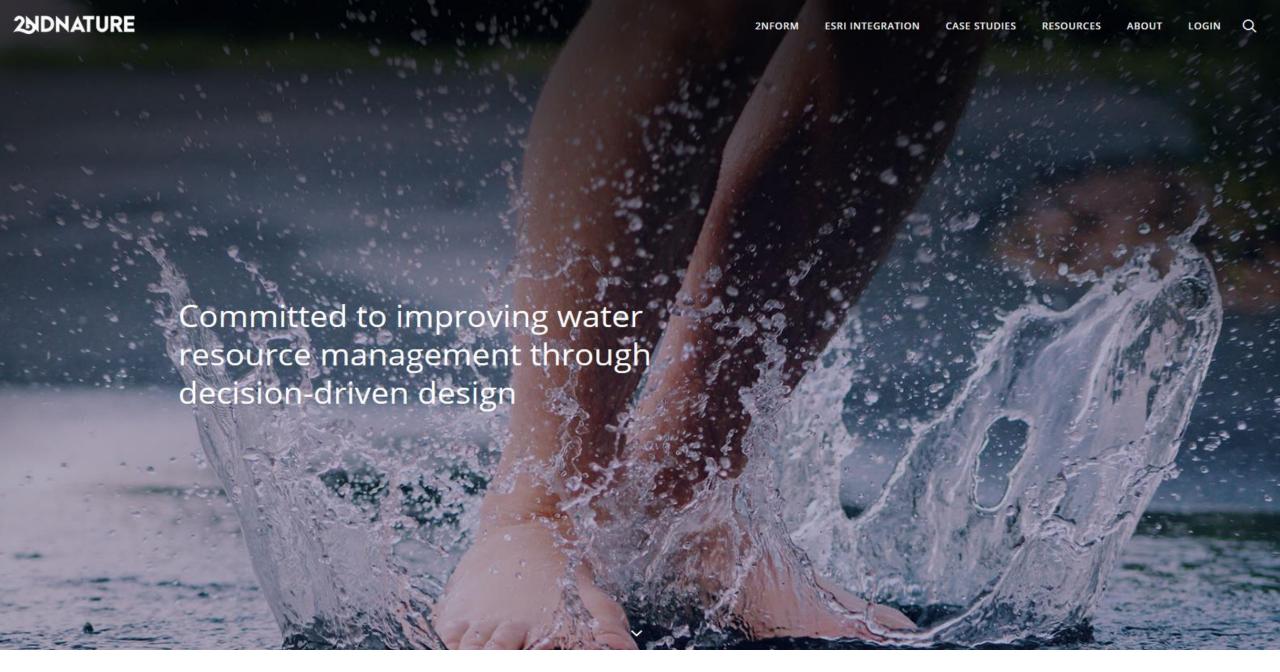
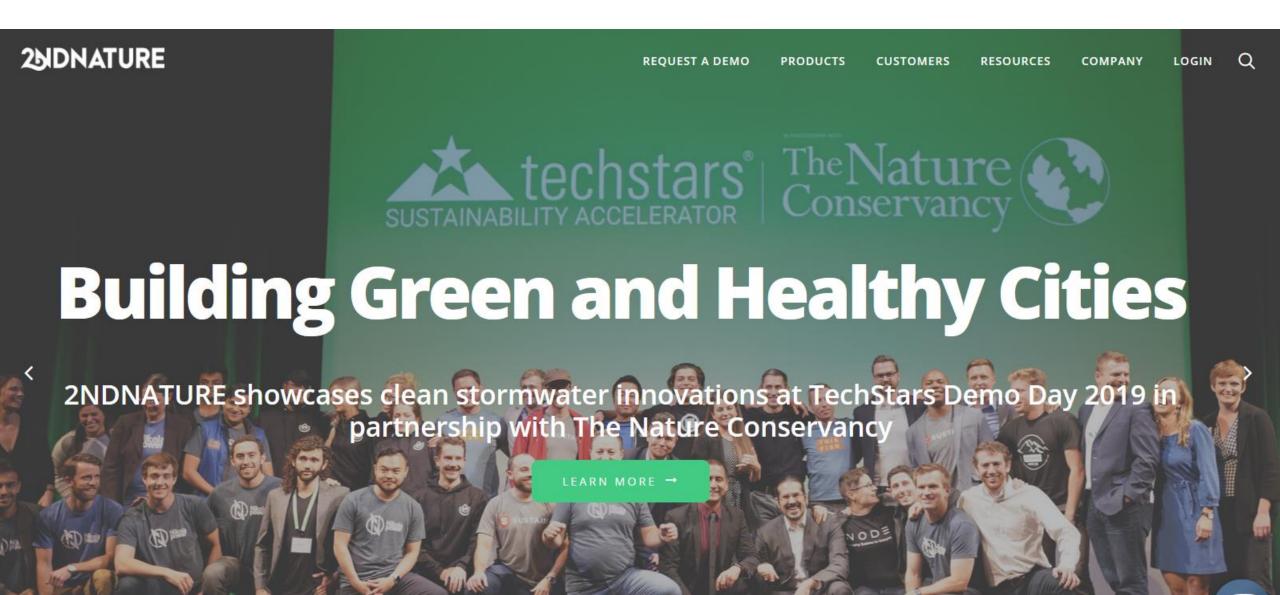
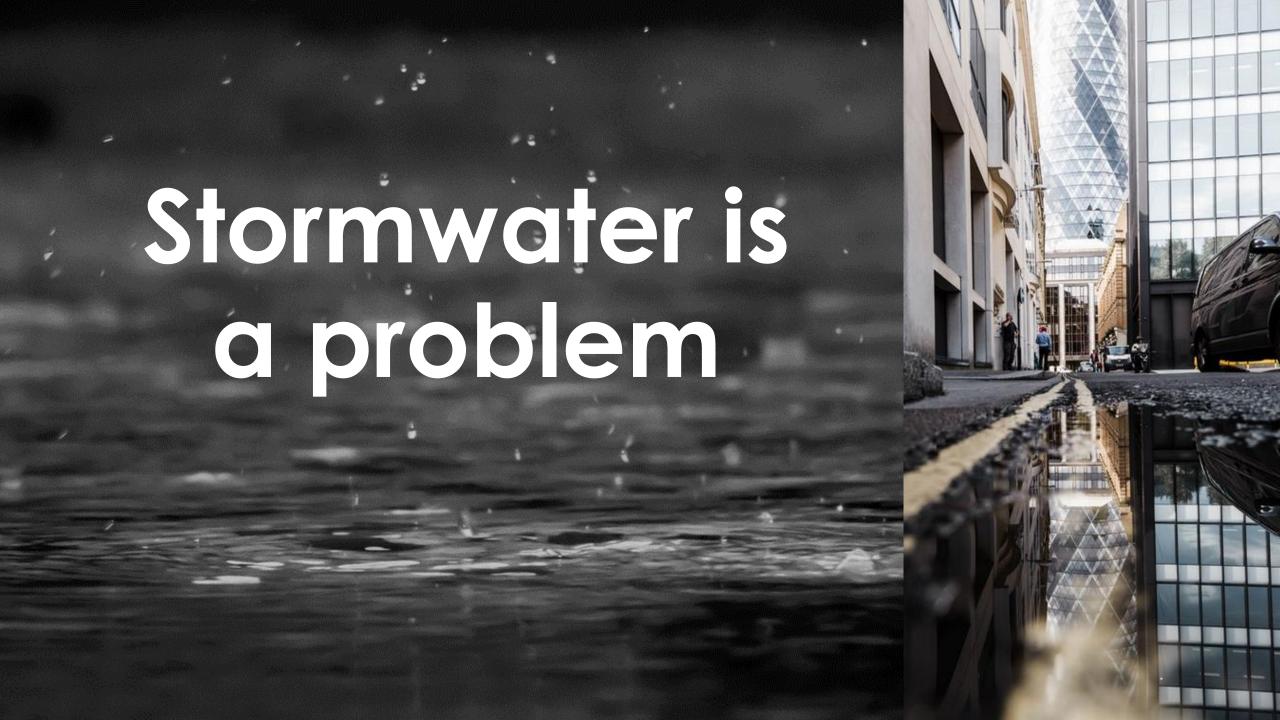
# Mapping the California Stormwater Opportunity

Gary Conley, Chief Scientist 2NDNATURE
Cabrillo College GIS Day, November 13 2019

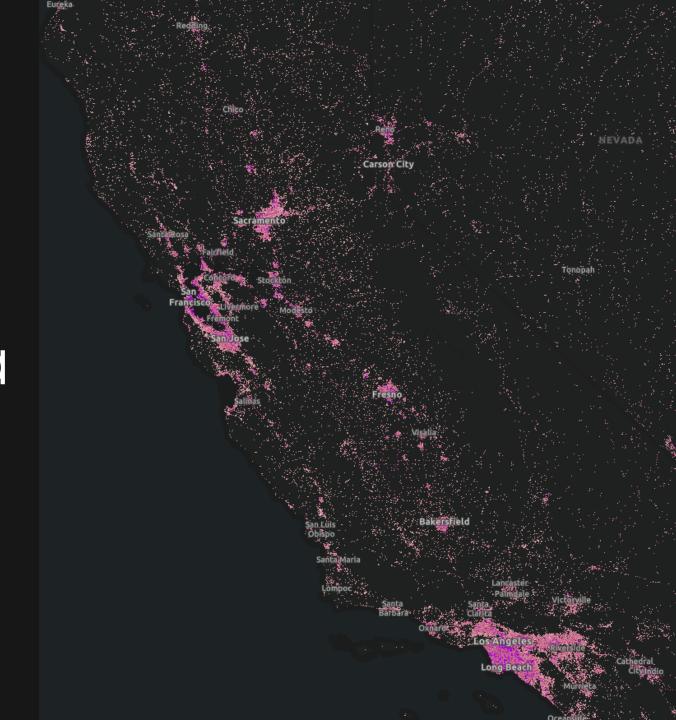
## 25DNATURE







Impervious cover changes the way a landscape works

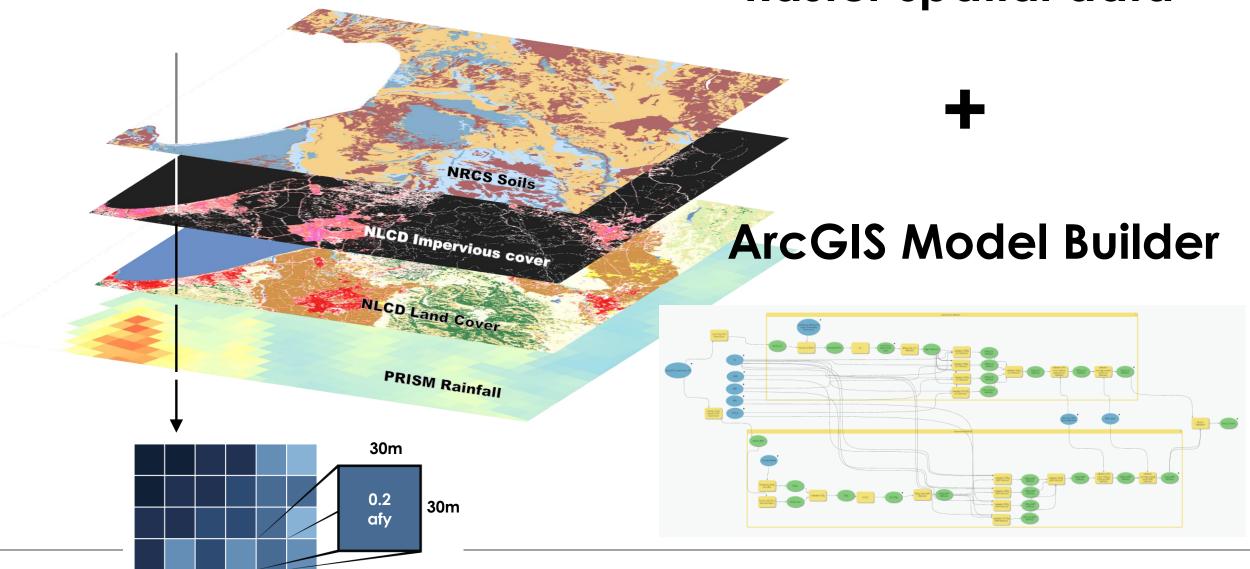








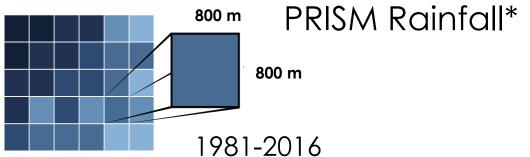
### Raster spatial data

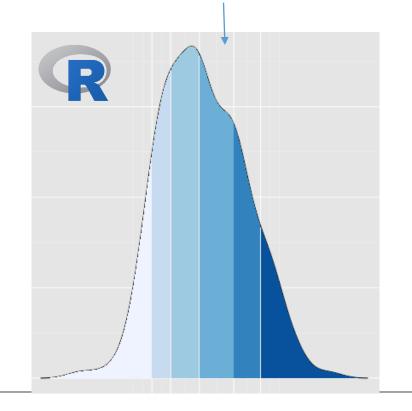




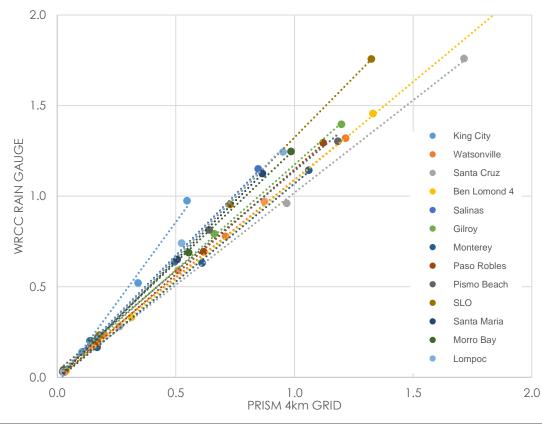
#### Dict

### Distributed Rainfall Data





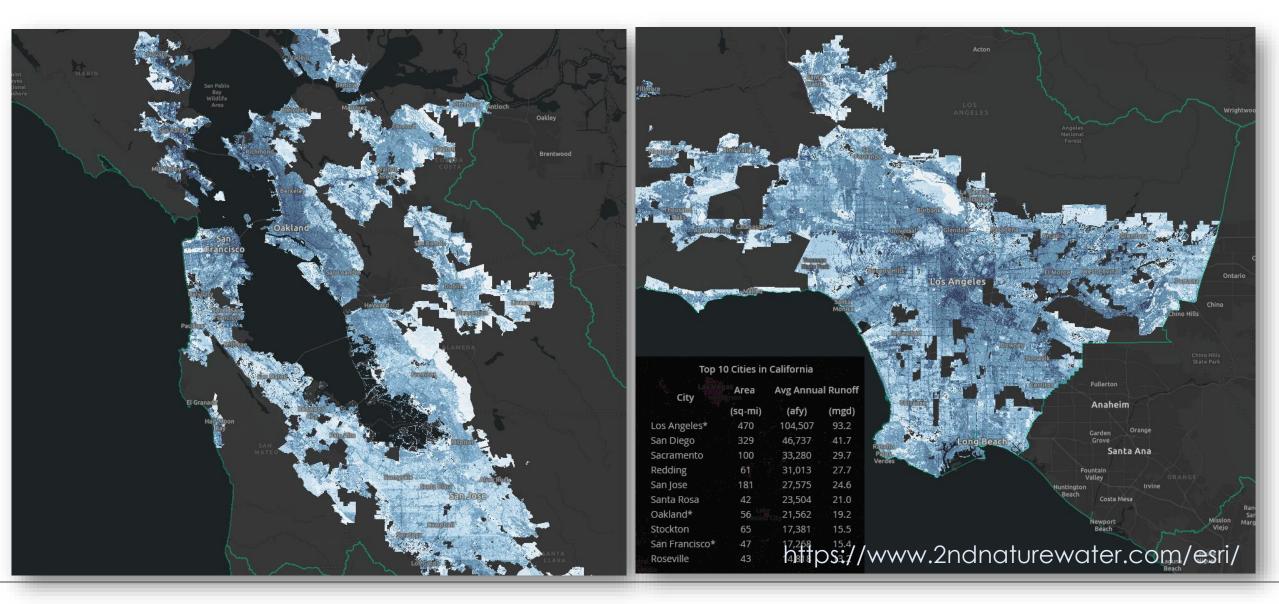
### PRISM vs WRCC Percentile Events



<sup>\*</sup>PRISM Climate Group - Oregon State University



#### 2 Million acre-feet available for infiltration



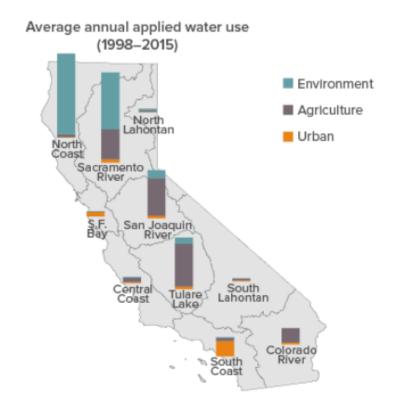


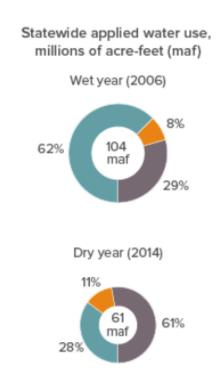


Urban water use = **7 million** ac-ft

Stormwater runoff = **2 million** ac-ft

29% of annual urban water needs can be met with stormwater runoff \*







<sup>\*</sup> Data from Water Policy Center- Public Policy Institute of California https://www.ppic.org/publication/water-use-in-california/



