



# D-Lab COVID 19

Evaluate California's infrastructure capacity

Through lectures and hands-on projects, students will evaluate the capacity of various non-medical infrastructure sectors (e.g., water, energy and transportation) to pandemics and propose potential innovations to tackle the pandemic with the goal of reducing the risk of negative impacts from COVID 19.

By the end of the quarter students will demonstrate the ability to:

1. Identify appropriate social, economic and environmental (SEE) variables that impact infrastructure capacity pre, during and post pandemic;
2. Understand how individual SEE variables inform infrastructure capacity pre, during and post pandemic; and
3. Develop an infrastructure capacity analysis which reflects evaluation of all SEE variables and innovative design to tackle a pandemic.



Project-based,  
client-focused  
course

Principles,  
opportunities, and  
challenges to  
increase capacity of  
California  
infrastructure.

Spring Quarter 2020  
T/Th 10-11:50am  
ECI 289A  
CRN # **61393**

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for more information