

Postdoc in [Geotechnical engineering](#)

Description

Dear Colleagues:

The University of Oklahoma (OU) is seeking a postdoctoral researcher to work on a \$20 million, NSF funded project on **Socially Sustainable Solutions for Water, Carbon, and Infrastructure Resilience in Oklahoma (S³OK)** (<https://www.okepscor.org/wicked-problems-research>). The highly interdisciplinary S³OK project includes researchers from social and natural sciences, meteorology, and [engineering](#). The successful applicant will primarily work within the Sustainable Infrastructure (SI) Focus Area of the project and interact with researchers in Structural, [Geotechnical](#), Transportation, and Electrical Engineering. The annual salary for this position is \$60,000.

The goal of the SI Focus Area is to develop an aggregated resilience model that will be utilized to characterize the influence of diverse stakeholders' preferences and decision-making behavior on the functions of interdependent water, electric power, and transportation infrastructure systems to seek socially sustainable solutions to "wicked" problems. The successful applicant will be expected to participate in engineering analysis of individual components of such systems; network vulnerability, interdependency, and resilience characterization; and developing an interface to incorporate the coupling of social systems into the analysis of physical infrastructure systems.

Full position announcement and [application](#) information is provided at: <https://apply.interfolio.com/133701>

Thanks.

Muralee

K.K. "Muralee" Muraleetharan, Ph.D., P.E., G.E., F. ASCE

Kimmell-Bernard Chair in [Engineering](#)

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Hiring organization

University of Oklahoma

Employment Type

Full-time

Job Location

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Norman, OK 73019, Oklahoma,
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Date posted

