A Cautionary Tale in Applied Statistics

John G. Williams
Retired Environmental Scientist and Veteran of the Central Valley Water Wars

Applied statistics typically involves working with other people’s data and often with other people’s models, which can lead to trouble if not done carefully. This talk examines an example: a study of the effects of flow in the Mekong River on an important fishery in Cambodia, prominently published in Science. Problems with the data, the model, and the analysis demonstrate the importance of thoroughly understanding the data, the model, and the scientific context of the work. The example also illuminates the unfortunate incentive structure of academic science.

August 31, 2023
Thursday

FOR MORE INFO GO TO HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM

WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA IN BSS#312 AT 3:30 PM