

H.T. PERSON ENGINEER'S WEEK LECTURE

Managing Transportation Infrastructure Assets in an Era of Limited Resources

presented by
Dr. Kumares C. Sinha
Olson Distinguished Professor of Civil Engineering
Purdue University



Biography:

Dr. Kumares C. Sinha is the Edgar B. & Hedwig M. Olson Distinguished Professor of Civil Engineering at Purdue University. He served as the Director of the Joint Transportation Research Program at Purdue University from 1995-2010. His research interest is in transportation planning and engineering and civil infrastructure management. He has authored over 400 technical publications including a recent book, *Transportation Decision Making: Principles of Project Development and Programming*, published by John Wiley & Sons. He advises governments at all levels and consults for the World Bank on transportation and infrastructure issues. He is a registered Professional Engineer and Honorary Member of the American Society of Civil Engineers (ASCE). He has served as the President of the Transportation & Development Institute of the ASCE, President of the Research and Education Division of the American Road and Transportation Builders Association (ARTBA), President of the Council of University Transportation Centers (CUTC), a Member of the Board of Directors of the International Road Federation (IRF) and as a member of the Federal Advisory Council on Transportation Statistics. He is currently the Editor-in-Chief Emeritus of the *Journal of Transportation Engineering* and he serves as a member of the Executive Committee of the Transportation Research Board (TRB), SHRP2 Oversight Committee and FHWA Research and Technology Coordinating Committee. Dr. Sinha has been the recipient of the ASCE James Laurie Prize (2011), the TRB Roy W. Crum Award (2009), the CUTC Award for Distinguished Contribution (2005), the ITE Wilbur S. Smith Distinguished Transportation Educator Award (2002), the ASCE Francis C. Turner Lecture Award (2001), the ARTBA Steinberg Award (2000), the ASCE Harland Bartholomew Award (1996), the Distinguished Engineering Alumni Award of the University of Connecticut (1995), the ASCE Arthur Wellington Prize (1992), the ASCE Frank M. Masters Award (1986), and the Fred Burggraf Award of the TRB (1972). He is a member of the U.S. National Academy of Engineering and a National Associate of the U.S. National Academies.

Managing Transportation Infrastructure Assets in an Era of Limited Resources

The presentation will discuss principles and procedures for developing an integrated transportation infrastructure management system. While the primary emphasis will be on highway facilities, the interaction between roads and urban transit and other facilities will be highlighted and a system of systems approach will be considered. Techniques for tradeoff analyses between facilities as well as between management objectives will be presented.

AUGUST 30, 2012 • 3-5PM

ENGINEERING BUILDING ROOM 3070

THIS LECTURE IS FREE AND OPEN TO THE PUBLIC



UNIVERSITY OF WYOMING

