

## **David S. Kosson - Curriculum vitae**

Dr. Kosson is Cornelius Vanderbilt Professor of Engineering at Vanderbilt University, where he appointments as Professor of Civil and Environmental Engineering, Chemical Engineering and Earth and Environmental Sciences. He also is principal investigator of the multi-university Consortium for Risk Evaluation with Stakeholder Evaluation (CRESP; [www.CRESP.org](http://www.CRESP.org)), supported by the Department of Energy to assist with improving the remediation of sites formerly used for the production of defense nuclear materials and the management of nuclear wastes from energy production. Professor Kosson's research focuses on management of nuclear, energy production and industrial wastes, including process development and contaminant mass transfer applied to groundwater, soil, sediment, waste and cementitious materials systems. Dr. Kosson's research group in collaboration with the Energy Research Centre of The Netherlands has developed the Leaching Environmental Assessment Framework (LEAF) for understanding the release of contaminants from wastes and construction materials under a wide range of use and disposal scenarios ([www.vanderbilt.edu/Leaching](http://www.vanderbilt.edu/Leaching)). Dr. Kosson leads the Cementitious Barriers Partnership which is a multi-institution initiative focused on developing advanced tools for predicting the long-term performance of cementitious materials in nuclear applications.