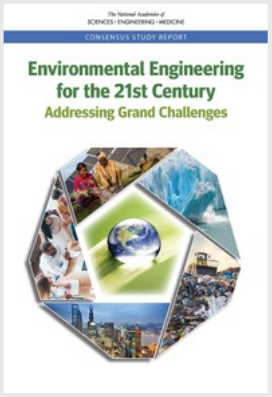

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Committee on the Grand Challenges and Opportunites in Environmental Engineering for the Twenty-First Century; Board on Agriculture and Natural Resources; Board on Atmospheric Sciences and Climate; Board on Chemical Sciences and Technology; Board on Energy and Environmental Systems; Board on Earth Sciences and Resources; Board on Environmental Studies and Toxicology; Board on Life Sciences; NAE Office of Programs; Ocean Studies Board; Water Science and Technology Board; Division on Earth and Life Studies; Division on Engineering and Physical Sciences; National Academy of Engineering; National Academies of Sciences, Engineering, and Medicine

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APPENDIX B

BIOGRAPHICAL SKETCHES OF COMMITTEE MEMBERS

Domenico Grasso, *Chair*, is chancellor at the University of Michigan–Dearborn. Previously, he was provost of the University of Delaware, Dean of Engineering and Mathematical Sciences, Vice President for Research at the University of Vermont, Founding Director of the Picker Engineering Program at Smith College, and Department Head of Civil and Environmental Engineering at the University of Connecticut. Dr. Grasso has been a Visiting Scholar at the University of California, Berkeley, a NATO Fellow, and an Invited Technical Expert to the United Nations in Vienna, Austria. He is currently editor-in-chief of the journal *Environmental Engineering Science*, and has served as vice chair of the U.S. Environmental Protection Agency Science Advisory Board, and president of the Association of Environmental Engineering & Science Professors. Dr. Grasso's research has focused on the ultimate fate of contaminants in the environment with primary emphasis on colloidal and interfacial processes and environmental chemistry. He has also been active in engineering education reform and views the field of engineering as well poised to serve as a bridge between science and humanity. Dr. Grasso has a B.Sc. from Worcester Polytechnic Institute, an M.S.C.E. from Purdue University, and Ph.D. from the University of Michigan.

Craig H. Benson (NAE) is dean of the School of Engineering and Applied Sciences and the Janet Scott Hamilton and John Downman Hamilton Professor of Civil Engineering in the Department of Civil and Environmental Engineering at the University of Virginia. His research focus areas include engineered barriers for waste containment systems, engineering for sustainability and life-cycle analysis, sustainable infrastructure, and beneficial use of industrial by-products in infrastructure. He has more than 300 research publications and three U.S. patents. Prior to his position at the University of Virginia, Dr. Benson served at the University of Wisconsin–Madison, where he chaired the Department of Civil and Environmental Engineering and the Department of Geological Engineering, co-directed the Office of Sustainability, and served as director of Sustainability Research and Education for the university. Dr. Benson is a member of the National Academy of Engineering, a fellow of ASTM International and the American Society of Civil Engineers, and a Diplomate of Geotechnical Engineering in the Academy of Geo-Professionals. Dr. Benson received a B.S. in civil engineering from Lehigh University and an M.S. and a Ph.D. in civil engineering and geoenvironmental engineering from the University of Texas at Austin.