Dr. Charles J. Moretti

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**Selected Publications**

Jerath, S, and Moretti, C.J. “Enhancing Durability of Bridge Decks by Using Industrial By-Products as Mineral Admixtures,” Chapter 3 in *Industrial Resource Utilization and Productivity,* edited by Anil Mital and Arun Pennathur, Momentum Press, U.S.A., 2010.

Mamaghani, I.H.P., Moretti, C**.**, Sethre, D., Dockter, B.A. (2010) Evaluation of Self-

 Consolidating Concrete for Use in North Dakota Transportation Infrastructures,

*Research Report,* UND, June 2010, Submitted to the North Dakota DOT.

Moretti, C.J. and Jerath, S., “Bridge Monitoring to Measure Corrosion Rate and Concrete Resistively,” Chapter in *Safety and Reliability of Bridge Structures*, by K. M. Mahmoud. London: CRC Press/Balkema, 2009.

Moretti, C.J., A Guidance Document for Point-OF-Use Reverse Osmosis Treatment of Regulated Contaminants in Drinking Water, Final project report submitted to the Montana University Water System Center, P.O. Box 172690, Bozeman, MT, January 2002.

Moretti, C.J., An Evaluation of Point-Of-Use Reverse Osmosis for Treatment of Arsenic in Drinking Water, Final project report submitted to the Montana University Water System Center, P.O. Box 172690, Bozeman, MT, March 2002.

Moretti, C.J., and Meyer, G., Use of Reverse Osmosis Systems to Treat Drinking Water in North Dakota, published in the Official Bulletin of the North Dakota Water and Pollution Control Conference, Vol. 86, No. 4, 5, 6, Oct. to Dec. 2000.

Moretti, C.J., AAn Evaluation of Membrane Technology for Water Treatment in Small Communities in North Dakota, Final project report submitted to the Montana University Water System Center, P.O. Box 172690, Bozeman, MT, October 1999.

**Honors and Awards**

Chair of UND Civil Engineering Department

Tau Beta PI

University Scholar - University of Pittsburgh

University of North Dakota outstanding advisor award

Twice nominated for University of North Dakota OutstandingTeaching Award

**Professional Registration**

Licensed Professional Engineer, State of North Dakota (retired)