

## **ISTVAN BOGARDI**

Professor of Civil Engineering

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Personal Information: United States Citizen

### **EDUCATION**

- Ph.D., Risk Analysis, Technical University of Budapest, 1971
- M.S., Economics, Budapest University of Economics, 1969
- M.S., Hydraulic Engineering, Technical University of Budapest, 1960
- B.S., Civil Engineering, Technical University of Budapest, 1959
- Habilitation, Meteorology, Eötvös University, Budapest, 1995

### **AREAS OF INTEREST**

Risk and reliability, multicriterion decision making, international conflict resolution techniques, applied systems analysis, space-time analysis of hydroclimatic variables, climate changes.

**LANGUAGES:** English, Hungarian, German, French, Russian

### **ACADEMIC EXPERIENCE:**

- 1985 – present Professor, Department of Civil Engineering, University of Nebraska-Lincoln, Lincoln, Nebraska.
- Teaching hydrology and water resources systems analysis and conducting research on applied systems analysis.
- Invited professor, Department of Water Resources, Univ. of Bodenkultur, Vienna, Austria
- Invited professor, Department of Meteorology, Eötvös University, Budapest, Hungary
- Invited professor, Agricultural Water Management, Godollo Univ. of Agriculture, Hungary.
- 1976- present Lectures on systems analysis application in postgraduate courses organized by the U.N. and its specialized agencies.

### **SELECTED OTHER PROFESSIONAL EXPERIENCE:**

- Fulbright professor, Budapest University of Technology and Economy, 2000-2001.
- Principal Investigator: College & University Affiliations Program grant: Integrating Engineering, the Humanities and the Social Sciences, 1991-1996.
- Director, NATO Advanced Research Workshop: Nitrate Contamination: Exploration, Consequence and Control, 1990.
- Codirector, NATO Advanced Research Institute: Transboundary Water Resources Management, 1994.
- Consultant, UNESCO, Water Resources Systems, 1985-Present.
- U.S. Environ. Protection Agency, Environmental & health risk assessment, 1988- Present.
- U.S. Soil Conservation Service, Soil classification, 1990-Present
- Joint research on systems analysis with the International Institute for Applied Systems Analysis, Laxenburg, Austria, 1975-present.
- Water resources expertise in U.N. mission for several developing countries, 1975 - present.