



Individual Membership Form

Personal information

Title: **Mr.** Gender: (M/F) **M**

Name: **Robbins, Bryant, A.** Suffix:

Mailing address (Street or Postal Box): **12596 West Bayaud Ave, Suite 400**

City: **Denver** Province/State: **CO**

Postal code: **80228** Country: **United States**

Email address: **bryant.a.robbs@usace.army.mil** Website:

Phone number: **303-963-4567** Fax number:

Current affiliation: **U.S. Army Corps of Engineers (USACE)**

Job title: **Research Civil Engineer (Geotechnical)**

Education Background

Highest degree received: **M.S.**

Received from: **Mississippi State University**

Major: **Civil Engineering**

Professional background

Professional background relevant to GEOSNet:

Mr. Robbins has worked as a research civil engineer for the U.S. Army Corps of Engineers for the past seven years. In this role, Mr. Robbins has performed numerous laboratory, field, and numerical studies related to geotechnical aspects of water resources infrastructure (namely dams and levees). Studies have included geotechnical site investigation, site characterization, laboratory testing, centrifuge modeling, erosion testing, and dam design. Mr. Robbins focus in recent years has been on development of risk based tools for the assessment of backward erosion piping.

Main reasons for your interest in GEOSNet and potential contributions to the network:

The U.S. Army Corps of Engineers is responsible for implementing risk based guidance for the design and management of levees and dams. Because of the significant uncertainty associated with geotechnical failure modes, I am very interested in aiding the global development of guidelines, tools,

and forums of technical exchange related specifically to risk based concepts in geotechnical engineering. I am interested in collaborating with others on research in these areas, and will gladly contribute to joint efforts focused on improving the state of practice.