EUGENE R. YAGOW

Eugene Ray Yagow was born in Lincoln, Illinois on December 30, 1946. He completed his dual Bachelor of Science degrees in Agricultural Engineering and in Agriculture at the University of Illinois in 1969. From there he entered the U.S. Peace Corps, and served as a Volunteer in Malaysia from August 1969 through December 1972.

After returning to the U.S., Gene worked as a secondary school teacher in an alternative school, Community School, in the Roanoke Valley. He began work with the Agricultural Engineering (now Biological Systems Engineering) Department at Virginia Polytechnic Institute and State University (Virginia Tech) in 1981 as a Research Specialist and began work on his Master's program. He received his Master of Science in Agricultural Engineering from Virginia Tech in 1983.

From 1984 to 1987, Gene worked as a Water Control Engineer with Virginia's Division of Soil and Water Conservation, where he served as staff technical advisor for the Virginia Chesapeake Bay agricultural NPS pollution control programs and supervised research in GIS database development and watershed monitoring. In 1987, Gene once again returned as a Research Associate to the Agricultural Engineering Department at Virginia Tech. There he worked in the Information Support Systems Laboratory and assisted with the development of the digital statewide Virginia Geographic Information System (VirGIS) database. He has developed a number of modeling applications of geographic information system technology and the VirGIS database specifically in the areas of water quality modeling and nonpoint source pollution.

Gene maintains an office at MapTech, Inc. in Virginia Tech's Corporate Research Center, while employed as a Research Associate in the Biological Systems Engineering Department. He is currently in charge of the modeling component of a §319 watershed project, through the Rappahannock-Rapidan Planning District Commission in Culpeper County, Virginia. In this project he will be applying methodology from this research and others for targeting sub-watersheds within the larger Mountain Run watershed, and extending this research for the development of TMDL load allocations tools.

Gene is a member of the American Society of Agricultural Engineers (ASAE) and the Soil and Water Conservation Society (SWCS), and currently serves as a Council Member with the Virginia Chapter SWCS.