

Ruth T. Buys

Ms. Buys is Principle Advisor for Systems and Software Engineering supporting Software Management for the OSD/C3I/CIO. She is responsible for support and research on software issues as they relate to software measures and software standards policy within the DoD, preparation of a Program Manager's Guide to Software Development, development of the specification for the DoD software core measures and implementation of the software core measures pilot project.

Prior to joining CMSIS, Ms. Buys was a Research Associate Professor in the School for Information Technology and Engineering at George Mason University. There she taught decision support, application design and development, requirements definition, and object oriented analysis and design methodology.

At George Mason, She was a consultant to the federal government and private corporations on requirements analysis, configuration management, quality assurance and project management as well as process improvement. She has facilitated group meetings including working sessions, and policy and planning activities using the automated group decision-support process Group Systems software at the US Army War College.

Ms. Buys has held technical and management positions at The MITRE Corporation, Booz, Allen and Hamilton, the Association of American Railroads, the Battelle Memorial Institute, and the American Public Health Association.

She has taught graduate courses at Marymount University and Drexel University including comparative requirements analysis and design methods and database management. Ms. Buys completed training under the SEI program to conduct software assessments and has participated in informal and formal CMM based internal software process assessments (CBA-IPs).

Her Ph.D. is from Drexel University in Information Science and Technology. In addition she has an M.B.A. from George Washington University and her undergraduate degree is from the University of North Carolina at Chapel Hill.

Ms. Buys is a member of Beta Phi Mu, the International Information Science Honor Society and a member of the Measurement Working Group of INCOSE, ASQ, and IEEE.

She has authored numerous chapters in books, refereed professional journal articles and contributed to conference and workshop publications.