

DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington D.C. 20314

EP 415-1-4

CEMP-CE

Pamphlet
No. 415-1-4

31 October 1997

Construction
NETWORK ANALYSIS SYSTEMS GUIDE

FOREWORD

This guide provides information for Corps of Engineers Construction and Engineering personnel in the application of Network Analysis Systems. It is intended to give a basic introduction to the two diagraming systems, precedence and arrow diagraming, and to instruct the reader in the various management uses of Network Analysis both when scheduling and when updating the schedule to show progress.

The information given in this pamphlet replaces the Network Analysis Systems Guide dated 31 August 1986. Basic policy and procedure concerning the use of Network Analysis are contained in the most current edition of ER 1-1-11.

Network Analysis scheduling systems encountered in the field will fall in either of the two diagraming techniques described herein. The Precedence system is by far the most common one in use currently. Managers must understand the system they are using. For a more detailed discussion of the systems capabilities and instruction in the use of Network Analysis, the PROSPECT course, 46NWA01A Project Scheduling (NAS) is offered several times annually at various locations.

FOR THE COMMANDER:



OTIS WILLIAMS
Colonel, Corps of Engineers
Chief of Staff