

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE OF GRADUATE STUDIES

COLLEGE OF GRADUATE STUDIES

MASTER OF COMPUTER SCIENCE

Thesis submitted as a partial requirement for master's degree of Computer Science entitled:

Transportation Network Design using GIS Applications

تصميم شبكة نقل بإستخدام تطبيقات نظم المعلومات الجغرافية

Prepared by:

Abdelbaset Abdelmotal Mohamed Ahmed

Under the Supervision of:

Prof. em. Dr. Dieter Fritsch

JUNE 2017