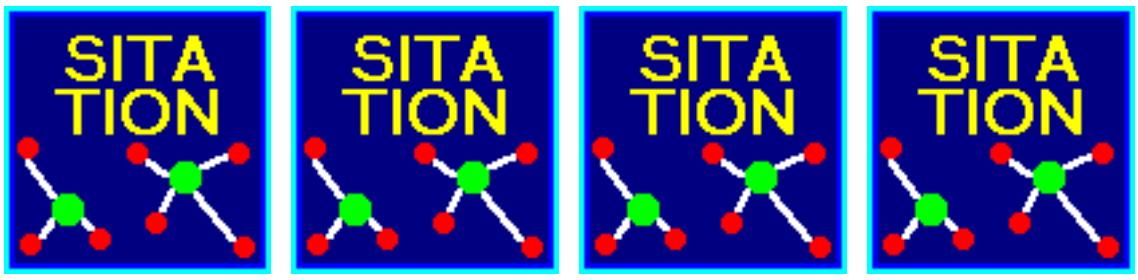

Facility Location Software for Windows[1]

Software to accompany
NETWORK AND DISCRETE LOCATION: MODELS, ALGORITHMS AND APPLICATIONS[2]

SITATION is a stand-alone facility location program that solves a range of single and multiple objective location problems with a variety of algorithms. SITATION features include:

- The program is entirely menu-driven.
- SITATION now solves eight classes of location problems including: P-median, P-center, Set Covering, Maximal Covering, and Uncapacitated Fixed Charge Problems, Partial Set Covering, Partial P-Center, and Location-Inventory.
- SITATION includes branch and bound capabilities to allow the user to obtain very tight (usually provably optimal) solutions.
- SITATION allows the user to map the solutions obtained by the program.
- SITATION allows the user to zoom in on portions of the tradeoff curves.
- SITATION allows the user to specify alphanumeric (text-based) node names.

For more information on these programs or to receive a copy, please contact:

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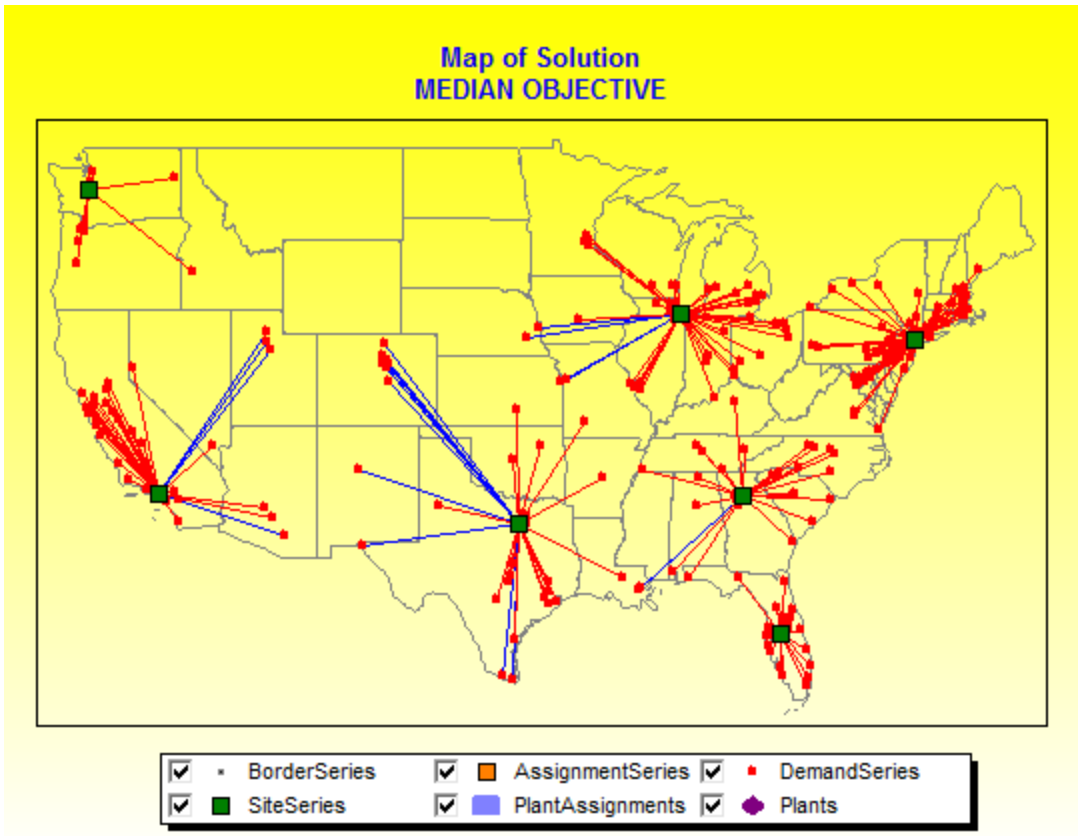
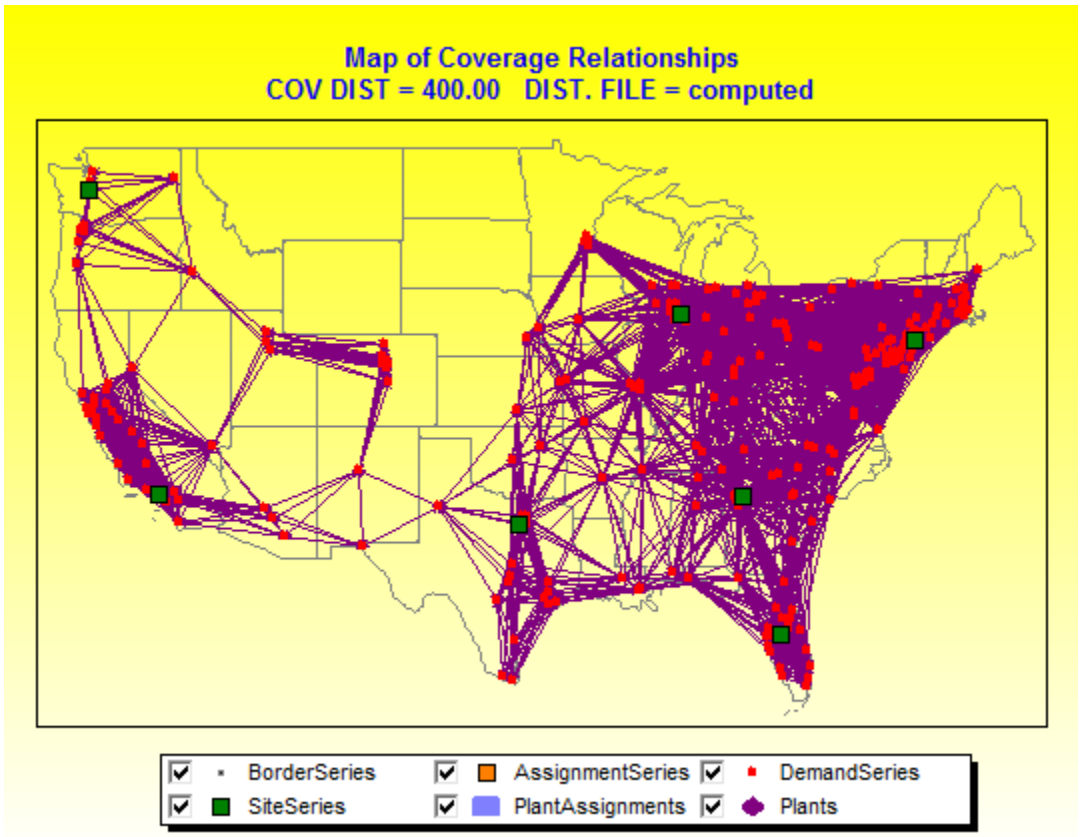
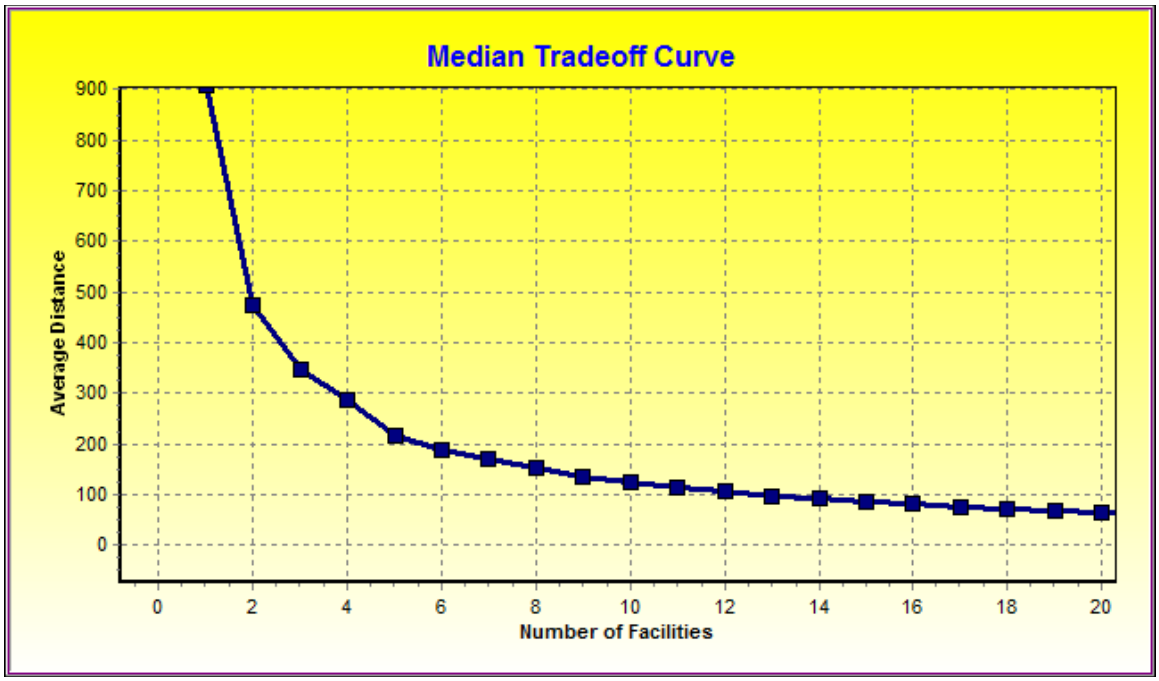
2 Daskin, M. S., 2013, Network and Discrete Location: Models, Algorithms, and Applications, Second Edition, John Wiley and Sons, Inc., New York.


Map of Solution
MEDIAN OBJECTIVE
BorderSeries
AssignmentSeries
DemandSeries
SiteSeries
PlantAssignments
Plants


Map of Coverage Relationships
COV DIST = 400.00 DIST. FILE = computed
BorderSeries
AssignmentSeries
DemandSeries
SiteSeries
PlantAssignments
Plants


Median Tradeoff Curve
Average Distance
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
Number of Facilities