**CD++ Model Data Form**

Title: Population Generation Behavior

Type:

Acronym/Short name:

Purpose for which Developed: Modeling and simulation of reallocation(migration) of people from one place to another.

Other Applications for which it is Suitable:

Date Developed/Implemented: 22/12/2016

Domain:

Description (including characteristics): The model was implemented using a version of CD++, a DEVS simulator, that supports the definition of state variables for a cellular automaton. Following the implementation of the single variable CD++ model, in the multi-variable version the model was extended to include inputs that could affect the probability distributions that control the birth and death of human as well as the simulation of effect of migration to move humans around within the cell space.

Links to Related Documents: Cellular automata paper showing migration of people

http://www.sciencedirect.com/science/article/pii/S089571771000333X

Short Title:

URL:

Description:

Keywords :

Developer:

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