



Pedestrian Database . Real World Data for Simulation Projects.

SimWalk Pedestrian Database provides an excellent and comprehensive collection of real world pedestrian measurement data and formula to help SimWalk users to plan, conduct and calibrate their pedestrian simulation studies in any domain.

Input data are the lifeblood of simulation. However, engineers and planners often lack accurate standard data like average pedestrian speed or general speed reduction on stairs or escalators.

SimWalk is the only software on the market that provides with its software package reliable, non-proprietary pedestrian data gathered from all over the world, containing studies and data from the best pedestrian research of the last 20 years. In addition, these data are partially included in SimWalk software (for example in agent profiles) to help implementing pedestrian models. From „Body dimensions” to

Benefits

- Includes all important data of the last 20 years of international pedestrian research
- All content of the database is selected and reviewed by experts in the field
- Provides reference data (e.g. walking speeds for different countries), formulas, tables and general information
- Delivers reliable reference data for realistic pedestrian modeling and simulation
- Can be used in conjunction with SimWalk or as a stand alone application
- Main topics are „Pedestrians”, „Pedestrian flows” and „Walking facilities”

Pedestrian Database

The SimWalk Pedestrian Database supports accurate pedestrian modeling and simulation with real world data. They include pedestrian parameters, properties of large pedestrian flows as well as infrastructure related information (parameters of escalators, stairs etc.).

„Walkway attributes”, the Pedestrian Database delivers data and formulas to complement model set up and calibration when respective data is missing or may not be applicable to a special case.

The database is mainly intended to enhance simulation with SimWalk software, but it may also be used as a stand alone application for any expert or engineer confronted with pedestrian management and control.

The Pedestrian Database has been collected and edited in cooperation with Professor Ulrich Weidmann at Swiss ETH/IVT, a leading researcher in the field.

Contact

Savannah Simulations AG
 Alte Dorfstrasse 24
 CH-8704 Herrliberg
 Switzerland
 Phone: +41 (0)44 790 17 14
 sales@simwalk.com
 www.simwalk.com