

Braidwood Associates is pleased to offer a basic training course in the application of Quadstone Paramics V6 when modelling freeway and urban/freeway microsimulation projects.

About Braidwood Associates

Braidwood Associates Limited was formed by Richard Braidwood a leading expert in microsimulation software who has been involved in the development, support and training of the leading microscopic simulation packages; SIAS and Quadstone Paramics.

With wide ranging industry expertise, dedicated professional resources and proven experience in consulting and traffic model development, Braidwood Associates brings together an excellent team with depth of knowledge in microsimulation products.

One of Braidwood Associates key assets is its global experience in microsimulation traffic models of varying sizes from localized intersection analysis to wide area strategic traffic models in regions including Africa, Australasia, Europe, North America and South America.

Course Overview

The course content will provide an incite into methodologies required in the application of Quadstone Paramics when developing freeway and urban/freeway microsimulation models.

The key Quadstone Paramics modules; Modeller, Estimator and Analyser will be covered during the two and a half day course, with a series of practical 'hands on' examples used to assist in developing individuals skill base.

Each day will conclude with a review of tasks covered and an opportunity to discuss individual applications and experiences with the whole class.

Training Course Prerequisites

This course is designed for individuals who have experience in using Paramics V5 and V6 and have been involved in at least one microsimulation traffic study and therefore have been exposed the basic application of the Quadstone Paramics suite.

Who is the course aimed at?

Traffic Engineers and Traffic Planners interested in learning how to apply Quadstone Paramics microsimulation software when modelling Freeway and Urban/Freeway projects should attend.

Course Outline

The course covers 2 and 1/2 days, covering model development, Paramics V6, scenario testing and MOE's within the context of CSMP's.

Day 1

During the first day attendees will undertake practical examples and discussion relating to Paramics V6, essentially providing a refresher of important functionalities within this software release.

Topic 1: Introduction & Software Overview

The first topic will provide an overview to the Quadstone Paramics Suite providing users with an introduction to the V6 project suite.

This topic will provide less experienced users with a background to each tool within the project suites application area and introduce key functionalities.

Topic 2: V6 Model Development Refresher

A step by step guide how to develop a Quadstone Paramics network will be covered in this part of the course.

Practical examples and discussion will enable attendees identify and understand the most effective way to develop their V6 Paramics networks.

Functionalities that will be covered include; New Network Wizard, Project Library, Network Coding and Tips and Tricks.

Day 2

Topic 3: Design Option Testing

Topic 3 will cover all elements relating to design option testing. This topic will include practical examples of coding different design options and will provide users with knowledge of the best practice methodologies when approaching scenario testing using the V6 project suite.

Attendees will undertake practical examples and discussion relating this topic which will provide a greater understanding of how one should approach scenario testing using a network developed by another user.

Topic 4: Measure of Effectiveness Statistics

During this topic attendees will learn about the key Measure of Effectiveness (MOE's) that are used as the basis for assessments within CSMP projects.

Guest speaker Bill McCullough from System Metric Group Inc (SMG) will provide an insight into MOE analysis in the context of freeway operations in the State of California.

Attendees will have an opportunity to engage in group discussion and share practical experiences with the class during this part of the course.

Day 3

Topic 5: Data Analysis

During the third day attendees will undertake practical examples using the Analyser tool with Quadstone Paramics V6 project suite.

Topic 5 will cover all elements relating to design option testing. This topic will include practical examples of coding different design options, collecting output statistics, comparison with base statistics and report writing.

Topic 6: Review

The concluding topic to the course will be a review of all course content.

Attendees will have an opportunity to ask any further questions they have on any of the topics covered during the course.

Course Location and Time

The course will be undertaken in Irvine, California on 11th, 12th and 13th May (AM) 2010.

The course will take place between 09:00- 16:30 on 11th and 08:00-16:30 12th May and 08:00-14:30 on the 13th May.

Registration

Registration for the course can be undertaken via the following options:

E-Mail

Send all the information required on the registration form to:

info@braidwoodassoc.com

Address

Braidwood Associates Limited
77 Montgomery Street
Edinburgh
EH7 5HZ

Phone

Call (213) 784 0889. Leave a voicemail with your contact details and your call will be returned.

Methods of Payment

The cost for this course is \$1200 per student. Payment must be in cash or cheque.

Registration Form

Name: _____

Organization: _____

Position: _____

Address: _____

Town/City: _____

State: _____ ZIP/Post Code: _____

Telephone: _____

Mobile: _____

Fax: _____

Email: _____

For conformation please tick

Enrollment Fee: Payment of \$1200 is required 8 working days in advance of the course start date for confirmation of seat reservation.

Cheque enclosed payable to **Braidwood Associates Limited.**
(Note: Attendees details should be written on the back of the cheque)

Cancellation and Refund Policy: In the event of cancellation or rescheduling the class, attendees will be entitled to 100% refund of fee or an application to the rescheduled class.

Attendees who cancel of 10 days prior to the course start date will be entitled to a 50% refund of class fee.

Note: Braidwood Associates will not be responsible for any expenses of attendees non-refundable travel costs regardless of cause, for cancellations, rescheduling, or the attendee's withdrawal.

BRAIDWOOD
ASSOCIATES

Quadstone Paramics V6

V6 Public Course

May 2010

Irvine, California, US