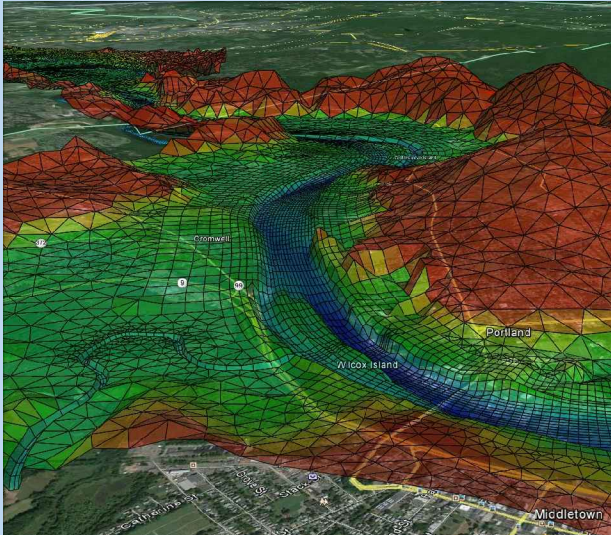


DELFT3D FLEXIBLE MESH PREVIEW AND DELFT3D USERS CONFERENCE

A unique two-day preview and hands-on experience featuring discussions by experienced Delft3D Flexible Mesh users.



Deltares has developed a new software engine for hydrodynamic simulations on unstructured grids in 1D-2D-3D. The new engine, called D-Flow Flexible Mesh, will offer all the functionalities for coasts, ports and riverine modelling an engineer needs.

Prior to the Floodplain Management Association National Conference in Brisbane, the Delft3D Flexible Mesh Workshop provides a unique opportunity to have a preview and hands-on experience with D-Flow Flexible Mesh as well as hear how the program is providing solutions to real engineering problems.

DATE: 18th and 19th May, prior to the Floodplain Management Association National Conference
Venue: Cardno Offices at 515 St Paul's Terrace, Brisbane, Level 11

PREREQUISITES: A basic understanding of computational modelling in the field of hydrodynamics

COST: \$450, includes lunch

ABOUT DELFT 3D

DELFT 3D IS A WORLD LEADING MODELLING SUITE TO INVESTIGATE HYDRODYNAMICS, SEDIMENT TRANSPORT AND MORPHOLOGY AND WATER QUALITY FOR FLUVIAL, ESTUARINE AND COASTAL ENVIRONMENTS

OPEN SOURCE

THE FLOW, MORPHOLOGY AND WAVES MODULES OF THE STRUCTURED VERSION OF DELFT3D SUITE ARE AVAILABLE IN OPEN SOURCE SINCE JANUARY 2011. SINCE MARCH, 2013, THE WATER QUALITY AND ECOLOGY MODULES ARE ALSO IN OPEN SOURCE. 4,700+ HAVE JOINED THE OPEN SOURCE COMMUNITY TO FURTHER DEVELOP THE SOFTWARE.

D-FLOW FLEXIBLE MESH

THE UNSTRUCTURED GRIDS OF D-FLOW FLEXIBLE MESH CAN CONSIST OF CURVILINEAR GRIDS, TRIANGLES, PENTAGONS (ETC.) AND 1D CHANNEL NETWORKS, ALL IN ONE SINGLE MESH. IT COMBINES PROVEN TECHNOLOGY FROM THE HYDRODYNAMIC ENGINES OF DELFT3D AND SOBEK AND ADDS FLEXIBLE ADMINISTRATION AND IN NEAR FUTURE UNIQUE SUB-GRID METHODS (3DI PROJECT) FOR GRIDS BEYOND BILLIONS OF GRIDS CELLS.

Program

Monday, May 18th:

- Welcome
- Coasts, ports and riverine examples
- D-Flow Flexible Mesh Hands-on Part 1: getting familiar, curvilinear martingmesh and triangular mesh generation, preparing a computation, running a computation

Tuesday, May 19th:

- Delft3D users meeting, local Australian examples
- D-Flow Fleximesh Hands-on Part 2: meshing a harbour domain, viewing the documents
- Next Generation Hydro-software discussion

Information and Registration

For more information and to register, send an e-mail to info@delftsoftware.com.au

