



TUFLOW saves lives and helps protect communities.

Flood simulation modelling allows us to understand the outcomes of multiple flood scenarios before they occur. This means our customers can mitigate major disasters and design and construct infrastructure armed with the right data.

The TUFLOW 2020 release increases major upgrades and enhancements that allow our customers to execute their flood simulations much faster, and with more accuracy than ever before. This improves their ability to plan for and manage flood events.

By identifying new solutions and ways of solving problems we have reshaped the industry.

Innovation is at the core of everything we do at BMT. We aim to deliver solutions to complex industry challenges. Our world leading TUFLOW software dominates the Australian flooding market because our customers trust our solution.

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TUFLOW 2020 edition

Drawing on gaming tech to save lives

Using your computer's Graphics Processing Unit (GPU) TUFLOW can now run multiple flood scenarios faster than ever before.

Because of our new software, we have seen speed increases of up to 400 times – think using dial-up vs 5G.

This dramatic speed increase has reshaped the global landscape of flood and hydraulic modelling.

Targeted modelling

We pioneered the technology that is now industry standard.

Our algorithm makes the process of flood modelling more efficient, and allow for no loss of landscape height data in the modelling process.

We have enabled simulations that were previously impossible, to become completely accessible.

We are now so far ahead.

Better define and calculate water levels

We can see things more clearly. Using topography data (mountains, hills, roads, creeks, and other bumps and lumps on a particular hunk of earth) and allow for no loss of landscape height data in the modelling process.

This makes TUFLOW 2020s predictions more accurate and reflective of on-ground conditions. We can see more detail without having to drastically increase the amount of modelling.