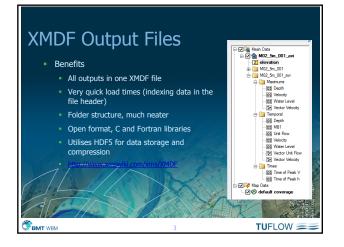


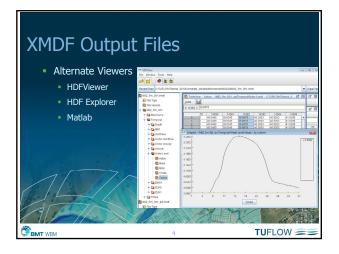
Introduction

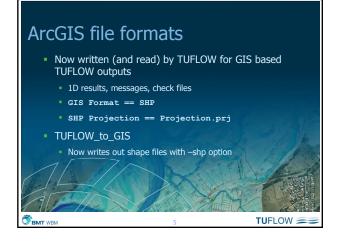
- New output options in TUFLOW
- Animations
- Recap some underutilised outputs
- GIS techniques

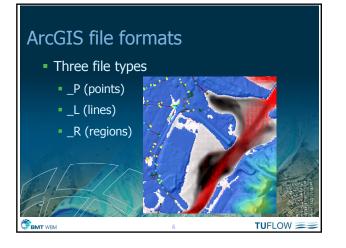


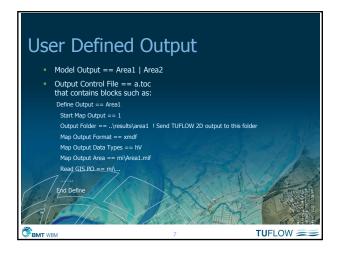






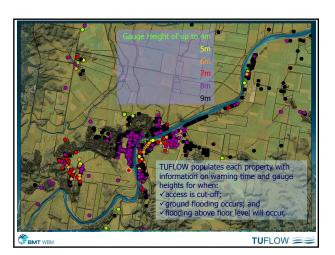






Gauge Outputs New .tgc command: Read GIS Gauge Output == mi\2d_go_buildings.mif Trigger level (eg. floor level) at each GIS object provided otherwise ZC (lowest ZC for a polygon) used For each point location or polygon (eg. building or property), TUFLOW outputs when the trigger level is inundated: Time of inundation Water level at each gauge Gauges are specified as a "G_" in a 2d_po layer Available in 2011-09-AA (not documented yet!)

Semt wbm



TUFLOW

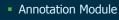
Animations - General Tips Output Frequency (high as possible!) Avoid running the animation for long periods where nothing is happening. Avoid cluttering the animation (clear and concise) Allow yourself time: avoid starting at 5pm the day before a meeting...

TUFLOW

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Animations in SMS



- Logos
- Scale bars / North Arrows

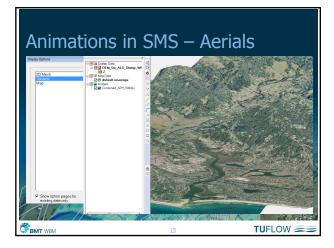


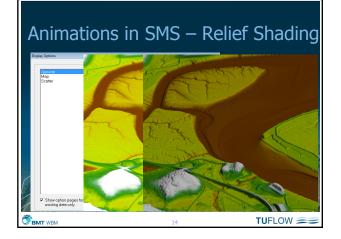


Animations in SMS – 3D

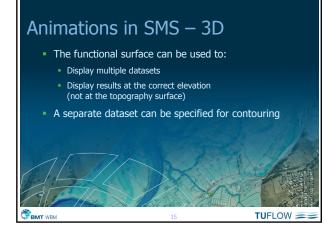
- To switch from plan view select the rotate tool
- Aerial Photo Draping
 - Texture Mapping (General Display Options)Use scatter dataset to extend beyond model area
- Use Relief Shading

SBMT WBM

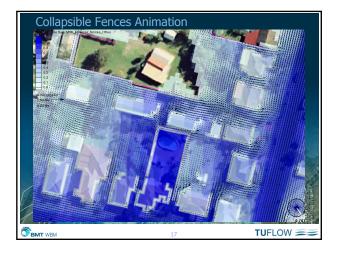




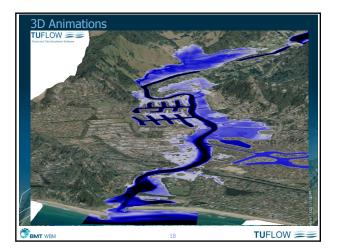




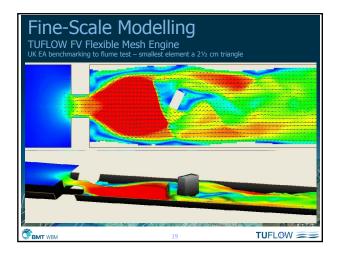
SMS Functiona	al Surfaces	a 1
Close Set	Color	
Hep.	OK Cancel	TUFLOW











Animations in ArcGIS

- Geodatabase
 - Raster Catalogue
 - Enable temporal data in catalogue
 - Time-slider
- To be documented:
 - Example on the wiki
 - Python scripts to go on the website

SBMT WBM

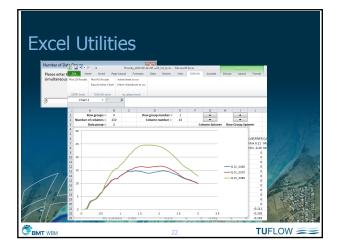
TUFLOW

Excel Utilities

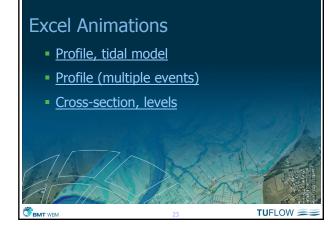
- Viewing timeseries of results (1D and PO)
 - Exporting as .jpg files
- Animating profiles
 - Exported images can be used to create a movie file, e.g. using Windows Movie Maker
- Also export tools, e.g. bc databases
- Download on web

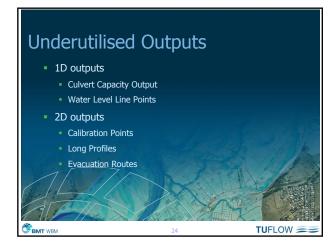
SBMT WBM

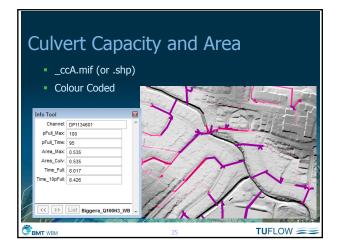
TUFLOW 룾

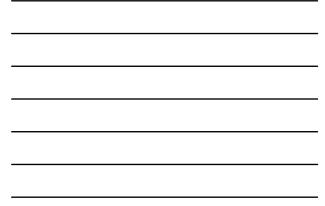




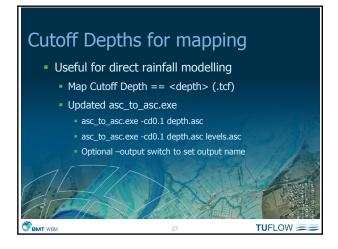




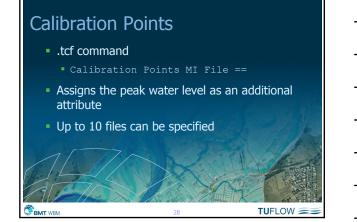




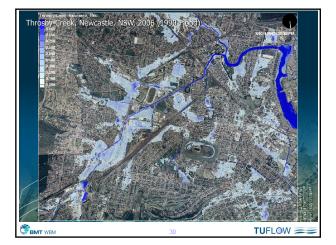
<section-header> Proving the second second

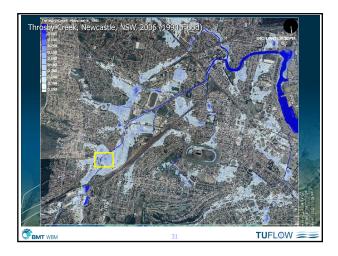


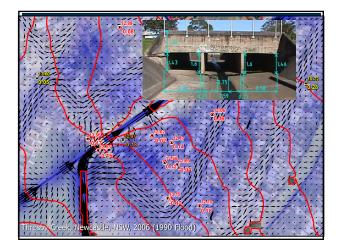
Australian 2011/2012 TUFLOW Workshops











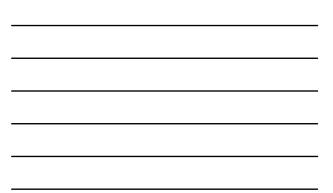






Australian 2011/2012 TUFLOW Workshops





Longitudinal Profiles

- Read in prior to simulation (as per PO)
- Can now output velocity (Type = V)
- Set output interval using:
 Time Series Output

Also TUFLOW_to_GIS



СВМТ WBM

Evacuation Routes (2d_zshr)

- Useful for:
 - Warning Times (time to cut off)
 - Duration the routes are cut-off
 - Degree of inundation
 - Risks

🇊 **вмт** WBM

/ /2d Z shape format with additional attributes

TUFLOW =

