

## **All new updates and enhancements on VO 6.0**

### **VO 6.0.2000**

1. *New LID Toolkit with eight commands (Soakaway Pit, Chamber, Pavement, Rain Garden, Green Roof, Bioretention, Enhanced Swale, and Filter) for Single event and Continuous modelling.*
2. *Added Water Quality to Single event and Continuous modelling:*
  - *added Water Quality to Resource Library,*
  - *added Water Quality Data to Project Manager,*
  - *added LandUse property to Catchments,*
  - *added Removal Efficiency to LIDs.*
3. *New in-built TatumGIS map functions.*
4. *New Compound Channel command (in Single Event project):*
  - *provides flow analysis for main channel and floodplains, and users could control the number of lines in the travel timetable.*
5. *Erosion index calculations (in Compound Channel and Route Channel) could determine erosion threshold flow rate as targets to assess pre and post development conditions.*
6. *RouteReservoir Overflow – changed overflow and outflow calculations by using area instead of RV (mm).*
7. *Assigning LandUse through GIS tab to selected Catchments for Water Quality.*
8. *ReadHyd command implemented in continuous and command table to read Flow Data added to Project Manager from Resource Library through FlowDataIndex property.*
9. *RoutePipe and RouteChannel commands have DT check (CALCULATION TIME STEP (DT) MUST BE EQUAL TO OR LESS THAN INFLOW TIME STEP)*
10. *Added Junction Command to Operations.*
11. *Changed Climate Library to Resource Library.*
12. *Water Quality Labels for LID Commands and TSS and TP for Hydrographs and Route Commands.*
13. *Added Statistics Table and Flow Type for Hydrographs.*

### **VO 6.0.2001**

1. *Filter and GreenRoof commands can be Imported to Continuous project.*
2. *Single event GIS tools now available in Continuous project.*
3. *Progress bar to show progress when using GIS tools.*
4. *Updated Resource Library to latest version to include all changes made till VO6.0.*
5. *Changes to Resource Library*
  - *Water Quality drag and drop in Treeview of Resource Library*
  - *Updated icons*
  - *Added delay before expanding folders*
  - *Folder default name updated*
6. *Hydrograph to remember previous selection of color.*
7. *ToolTip to Canvas to show command and connection link type names.*

### **VO 6.0.2002**

1. *Saving layer will now remember the configuration.*
2. *Creating point geometry by mouse with one click.*
3. *Adding link through TatukGIS now acknowledges user preference to add link to destination command.*
4. *Assigning default Symbology for all commands when creating a new Project.*
5. *Version Upgrade to show release notes.*
6. *Changed default value of compound channel divider from 1 to 19.*
7. *Added snapping to addlink in TatukGIS.*

### **VO 6.0.2003**

1. *Fixed error when importing VO3 model.*

### **Bug Fixes**

1. *Fixed Area and DT issue (values become zero when 5.2 model opened in 5.0/5.1).*
2. *Fixed max depth to zero in Route Channel.*
3. *In the Reservoir, added max storage unit in m<sup>3</sup> if max storage is too small.*

4. *Added condition in engine to send correct RV and PKFW values to interface labels.*
5. *Bug Fix to save lpoint to project.*
6. *Route commands Symbology included in TatukGIS.*