**Metadata to be provided with each set of model results uploaded to the Inundation Testbed – SURA Server**

V 3.0

1. **Date/Approx Time files uploaded to server**

* February 6, 2013

1. **Brief description of model run**

* Hurricane Rita 2D without waves
* ULLR Grid
* Explicit DT=4s
* With Advection Terms

1. **Model name and version #**

* ADCIRC 51.03

1. **Model input file names**

* fort.13 (Nodal Attributes File)
* fort.14 (Grid File)
* fort.15 (Control File)
* fort.22,fort.221,fort.222,fort.223,fort.224 (Meteorological Forcing Input Files)
* fort.68 (Hotstart File)

1. **Model time parameters**

* Surge model time step (s) 4s
* Run start date & time : 8/13/2005 00:00 UTC(GMT)
* Wind start date: 9/25/2005 00:00 UTC (GMT)
* Total run length: 48 days
* Output record start date: 9/21/2005 00:00 UTC (GMT)
* Output record end date: 9/27/2005 00:00 UTC (GMT)

1. **Summary of key run parameters**

* 2D Explicit
* Spatially varying manning coefficient
* Powell drag law

1. **Model output file names**

* fort.63.nc (Global Elevation Time Series File)
* fort.64.nc (Global Depth-Averaged Velocity Time Series File)
* fort.73.nc (Global Atmospheric Pressure Time Series File)
* fort.74.nc (Global Wind Velocity Time Series File)
* maxele.63.nc (Global Maximum Elevation File)
* maxrs.63.nc (Global Maximum Radiation Stress File)
* maxvel.63.nc (Global Maximum Depth-Averaged Velocity File)
* maxwvel.63.nc (Global Maximum Wind Velocity File)
* minpr.63.nc (Global Minimum Pressure File)
* watlev\_RITA\_ULLR.P.ULLR-Ike2Dha.61 (Elevation Station Time Series)
* watlev\_RITA\_ULLR.P.ULLR-Ike2Dha.61.IMEDS (Elevation Station Time Series)
* ULLR2D.Rita.ha.e4.o632377 (Simulation Screen Output File)

1. **Computational resources used** – run on athos.crc.nd.edu on 492 cores