**EXAMPLE datasets descriptions:**

1. **07120002\_Iroquois\_IL**

The Iroquois watershed in northeastern Illinois and northwestern Indiana is part of the Kankakee Rover Basin.

Objects: 18439 17995 HRU

148 RTU

74 AQU

74 RES

74 OUT

74 LCHA

1. **ceap\_connectivity\_test**

Objects: 14 4 HRU

2 ROUTING UNITS

1 AQUIFER

1 RES

1 RECALL

5 CHANDEG

1. **Chris\_George\_tx**

SWAT LTE dataset for the State of Texas a subset of the entire globe input data. Texas is divided into 10x10 km grid cells. Each cell contains 1-6 LTE HRU’s with different soil and land use. No routing is performed.

Objects: 53025 52025 HRU-LTE

1. **Little\_River\_Tifton**

Little River Experimental Watershed (LREW), Tifton Georgia in the headwaters of the Upper

Suwannee River basin and is one of twelve national benchmark watersheds in the USDA

Conservation Effects Assessment Project-Watershed Assessment Studies. Each subbasin is divided

into a flood plain and upland routing unit. A portion of upland flow is routed across the flood plain.

Soft calibration added to this example.

Objects: 16707 13727 HRU

1248 Routing Units

1248 Aquifer

222 Reservoirs

262 CHANDEG

1. **saturated\_buffer (2-stage)**Watershed-scale assessment of stacked drainage practices in the Western Lake Erie Basin (WLEB). A simple set up to test on a 2-stage ditch with constituents. The ditch (chandeg object) floods onto the HRU.

Objects: 3 2 HRU

1 CHANDEG

1. **Texas\_large\_gullys**

Objects: 2 1 HRU-LTE

1 CHANDEG

In each of these, one field (LTE HRU) is routed to a channel. The channel is defined as a gully with head cut advance. The results were used in a gully head cut model described in a paper by Peter Allen.

1. **Tropic\_dataset**

Objects: 16 16 HRU

1. **TxtInOut\_Coon\_Creek (Wisconsin)**

The Coon Creek Watershed was the first experimental watershed in the U.S. used to determine the

impact of conservation practices on sediment budgets. Each subbasin is divided into an upland and

flood plain routing unit.

Objects: 5268 3113 HRU

166 ROUTING UNITS

166 AQUIFERS

1823 CHANDEG