Modeling Tools Survey

Currently, the NB-DSS has adaptors for Mike Hydro, Mike Basin, Mike SHE, and Mike 11. The Nile-SEC is about to contract DHI to develop two additional adaptors for modeling tools so that they can be incorporated into the NB-DSS framework. These modeling tools need to be freely available and not proprietary software. In this regard, the Nile-SEC would like to seek information from you as a member of the DSS user community. Please help us by answering the following questions:

1- Which water models do you often use (other than the Mike family)? Please tick

☐ Soil and Water Assessment Tool (SWAT)

☐ Hydrologic Engineering Center - River Analysis System (HEC-RAS)

☐ Hydrologic Engineering Center – Hydrologic Modeling System (HEC-HMS)

☐ Hydrologic Engineering Center - Reservoir System Simulation (HEC-ResSim)

☐ Hydrologic Engineering Center - Prescriptive Reservoir Model (HEC-ResPRM)

☐ Hydrologic Engineering Center - Flood Damage Reduction Analysis (HEC-FDA)

☐ Hydrologic Engineering Center - Flood Impact Analysis (HEC-FIA)

☐ Hydrologic Engineering Center - Ecosystem Functions Model (HEC-EFM)

☐ Water Evaluation And Planning System (WEAP)

Other, please specify

1-

2-

3-

2- Out of those you use often, which ones you think it will be beneficial to incorporate within the DSS? Please select 2 at maximum

☐ Soil and Water Assessment Tool (SWAT)

☐ Hydrologic Engineering Center - River Analysis System (HEC-RAS)

☐ Hydrologic Engineering Center – Hydrologic Modeling System (HEC-HMS)

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☐ Hydrologic Engineering Center - Ecosystem Functions Model (HEC-EFM)

☐ Water Evaluation And Planning System (WEAP)

1

2

3

Nile-SEC thanks you for taking part in the survey and appreciates your input which will be considered in the final selection of the two modeling tools for which adaptors is planned to be developed by the end of 2014.