Central Valley Winter Run LCM Model Linkages

Water and Habitat Management Scenario
CVO sends CALSIM II, DSM2, SRWQM data from CH2MHill to SWFSC

CALSIM II data
SWFSC processes data

DSM2 Hydro data
SWFSC and NWFSC
processes data for ePTM and habitat capacity model

HEC-RAS
SWFSC runs HEC-RAS model
Output: hydraulic data

Delta Habitat Capacity Model
NWFSC runs habitat capacity model
Output: delta habitat capacity

CV Winter Run Life Cycle Model
QEDA (SWFSC)
Runs model, analyzes & prepares results
Sends results to CVO

SRWQM data
SWFSC processes data
Output: river temperature

River/Floodplain Habitat Capacity Model
SWFSC runs model
Output: river/floodplain habitat capacity

ePTM
SWFSC runs ePTM
Output: survival through delta

Ocean Fisheries Model Outputs
SWFSC

SQL Database
SWFSC organizes and manages data

Model Application
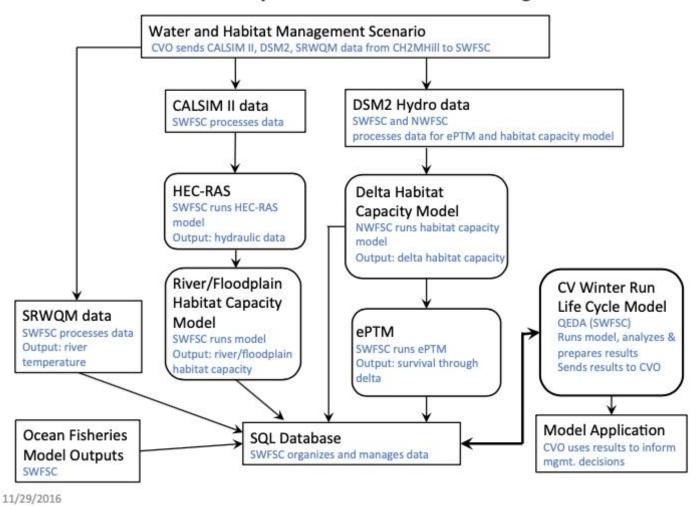CVO uses results to inform mgmt. decisions

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Figure 3. Submodels that support and provide parameter inputs that feed into the life cycle model.