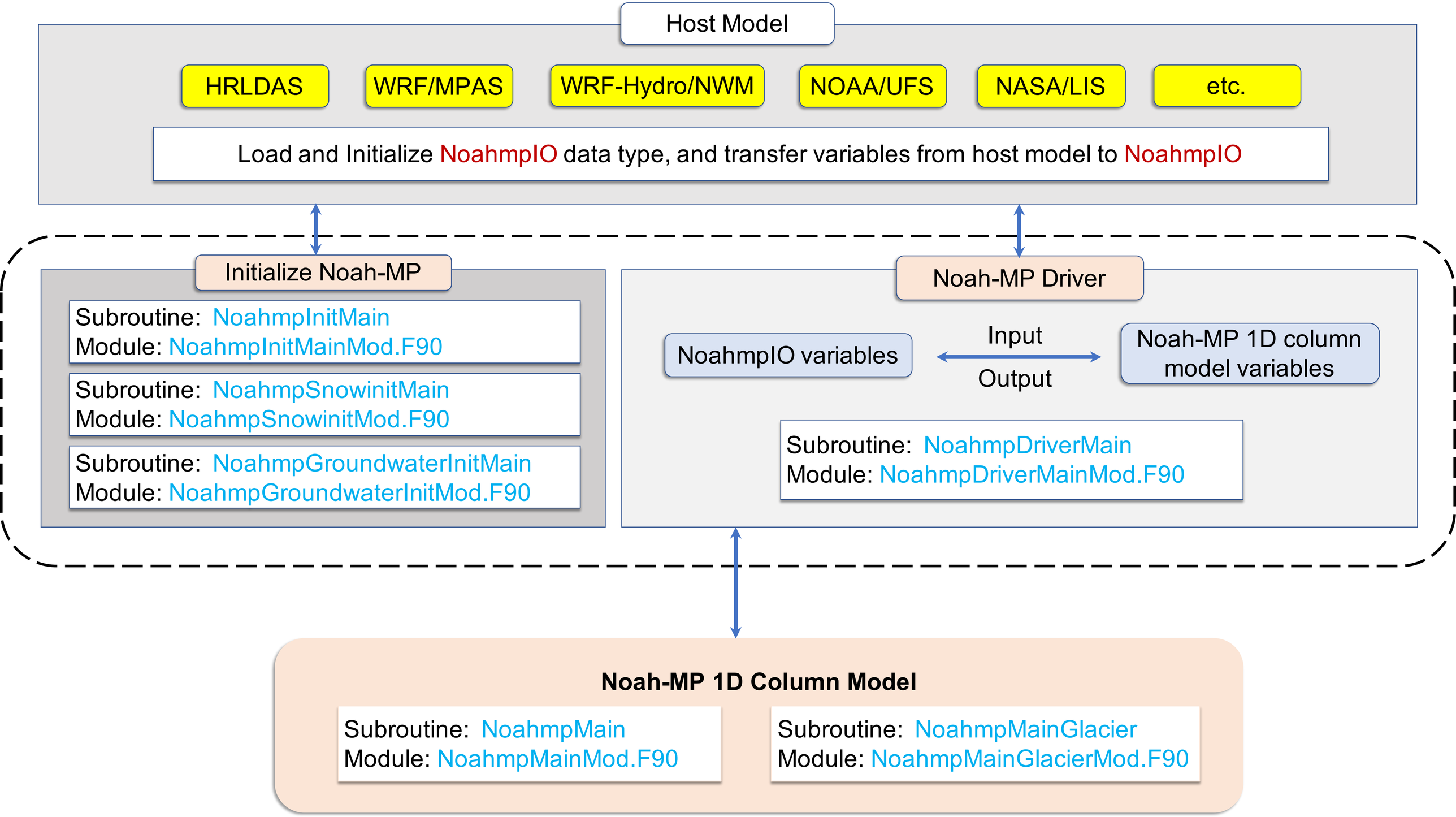
Host Model
HRLDAS
WRF/MPAS
WRF-Hydro/NWM
NOAA/UFS
NASA/LIS
etc.
Load and Initialize NoahmpIO data type, and transfer variables from host model to NoahmpIO
Initialize Noah-MP
Subroutine: NoahmpInitMain
Module: NoahmpInitMainMod.F90
Subroutine: NoahmpSnowinitMain
Module: NoahmpSnowinitMod.F90
Subroutine: NoahmpGroundwaterInitMain
Module: NoahmpGroundwaterInitMod.F90
Noah-MP Driver
NoahmpIO variables
Input
Output
Noah-MP 1D column model variables
Subroutine: NoahmpDriverMain
Module: NoahmpDriverMainMod.F90
Noah-MP 1D Column Model
Subroutine: NoahmpMain
Module: NoahmpMainMod.F90
Subroutine: NoahmpMainGlacier
Module: NoahmpMainGlacierMod.F90