PIHM R Code

Hydroterre Forcing XML Parsing Data

<https://github.com/FelipeMonts/HT_Parsing_Data/invitations>

Various R code packets developed to import and manipulate PIHM inputs and outputs

<https://github.com/FelipeMonts/PIHM_R_Scripts/invitations>

1. Read Hydroterre PIHM inputs into R: [PIHM\_R\_Scripts](https://github.com/FelipeMonts/PIHM_R_Scripts)/PIHMInputsR.R
2. Read Soils from GSURGO into R and add the information to the PIHM Mesh: <https://github.com/FelipeMonts/SoilsSSURGOPIHM/invitations>
3. Create a soil depth for PIHM: PIHM\_R\_Scripts/SoilDepthSSurgo.R
4. Fill triangles without soils data with information from neighboring triangles: PIHM\_R\_Scripts/FillNodataSoils.R
5. Transform Hydroterre PIHM inputs into MM-PIHM inputs: PIHM\_R\_Scripts/MM\_PHIMInputsR\_V2.R
6. Read outputs directly from PIHM binary files: PIHM\_R\_Scripts/ReadPIHMBinaryOutput.R