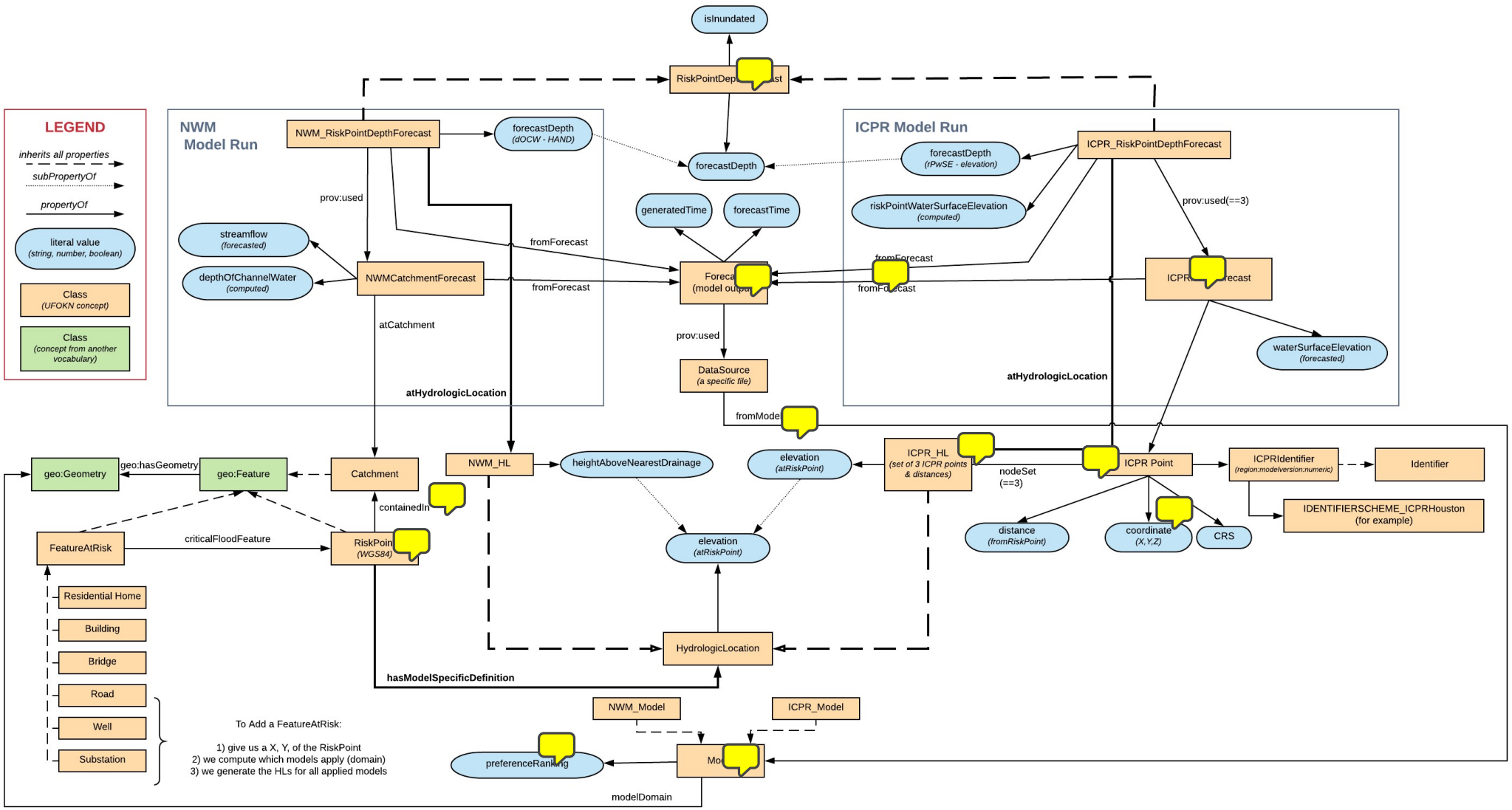
LEGEND
inherits all properties
subPropertyOf
propertyOf
literal value
(string, number, boolean)
Class
(UFOKN concept)
Class
(concept from another vocabulary)
NWM
Model Run
NWM_RiskPointDepthForecast
forecastDepth
(dOCW - HAND)
prov:used
streamflow
(forecasted)
depthOfChannelWater
(computed)
NWMCatchmentForecast
fromForecast
fromForecast
atCatchment
atHydrologicLocation
isInundated
forecastDepth
generatedTime
forecastTime
prov:used
DataSource
(a specific file)
fromModel
ICPR Model Run
ICPR_RiskPointDepthForecast
forecastDepth
(rPwSE - elevation)
riskPointWaterSurfaceElevation
(computed)
prov:used(==3)
fromForecast
fromForecast
waterSurfaceElevation
(forecasted)
atHydrologicLocation
geo:Geometry
geo:hasGeometry
geo:Feature
Catchment
containedIn
NWM_HL
heightAboveNearestDrainage
elevation
(atRiskPoint)
ICPR_HL
(set of 3 ICPR points & distances)
nodeSet
(==3)
ICPR Point
ICPRIdentifier
(region:modelversion:numeric)
Identifier
IDENTIFIERSCHEME_ICPRHouston
(for example)
distance
(fromRiskPoint)
coordinate
(X,Y,Z)
CRS
FeatureAtRisk
criticalFloodFeature
(WGS84)
elevation
(atRiskPoint)
Residential Home
Building
Bridge
Road
Well
Substation
HydrologicLocation
hasModelSpecificDefinition
To Add a FeatureAtRisk:
1) give us a X, Y, of the RiskPoint
2) we compute which models apply (domain)
3) we generate the HLs for all applied models
NWM_Model
ICPR_Model
preferenceRanking
modelDomain