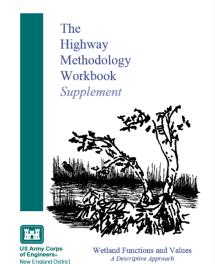


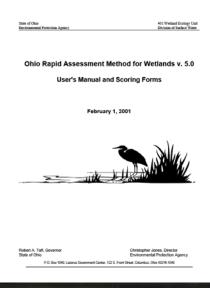
### NYS lacks state-specific functional assessment methods

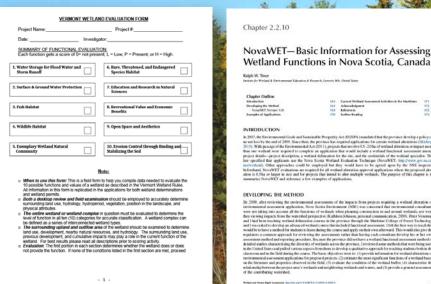
Water quality & security

#### Fish/wildlife habitat

### **Public** enjoyment







NovaWET-Basic Information for Assessing

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room and in the field during the course. The basic objectives were to: (1) provide information for

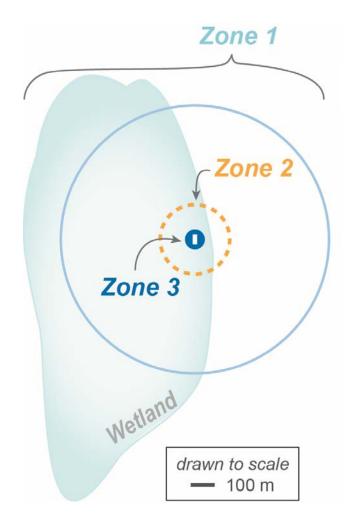
[Ohio RAM]

[VT RAN

# The reality of developing a functional RAM for NYS....



### Three-tiered sampling design



### Zone I, Landscape

Landscape Condition Asmnt. (LCA, NYRAM)
Wetland area/setting (F-RAM)

#### Zone 2

\*RAM meander survey (140-m radius)

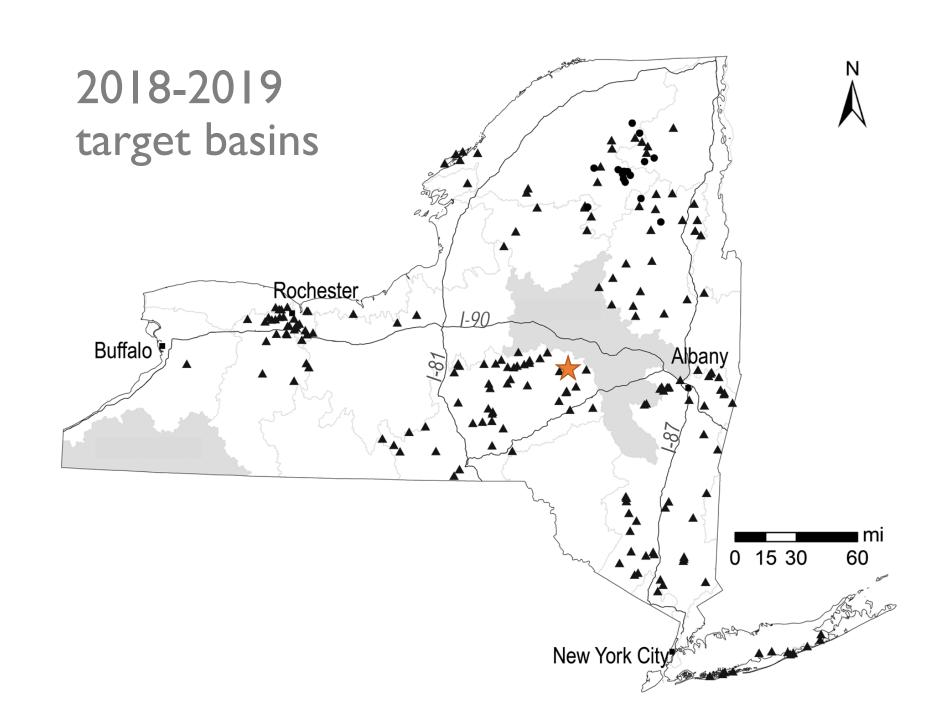
#### Zone 3

\*RAM focused survey area (40-m r) Vegetation macroplot (20 m x 50 m)

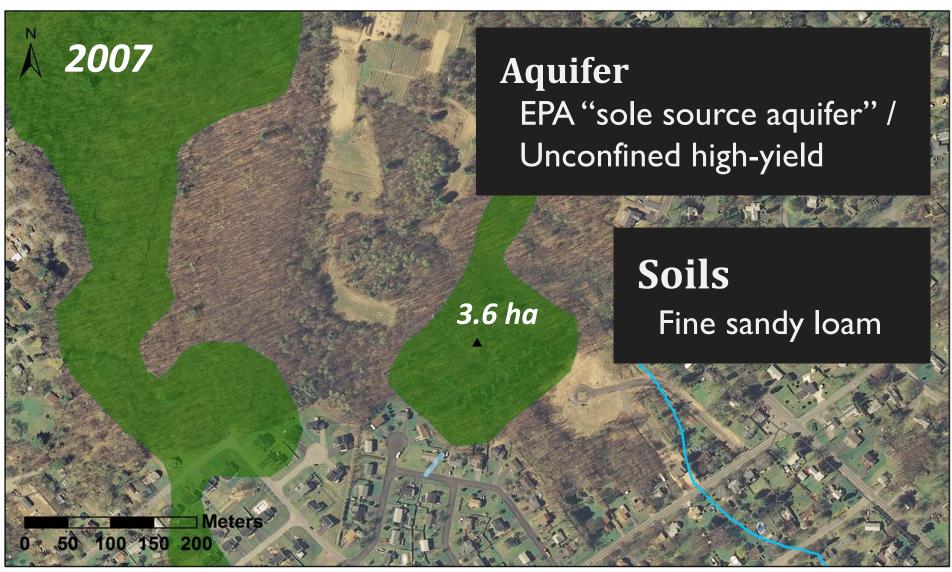
# Rapid and functional à la NYRAM

nynhp.org/shappell

HYDROPERIOD MODIFICATION		7 0	
H1. General hydroperiod alterations	Zone 1	Zone 2	Abs
Ditching, tile draining, or other dewatering methods			
Stormwater inputs (e.g., source pipe, impervious surface/roads/parking lot)			
Water <u>inflow reduced</u> by upstream structure (dam / weir / culvert; including perpendicular road, railroad beds)			
Water outflow reduced due to impounding structure (see above examples)			
H2. Stream/riverine-specific modifiers			
Artificial levee parallel to stream (including parallel road, railroad beds)			
Channelized stream: straightened, hardened, or incised			
MINISTER BUILDING			C.
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### The little urban wetland that could



NWI wetland polygons displayed (USFWS 2016)

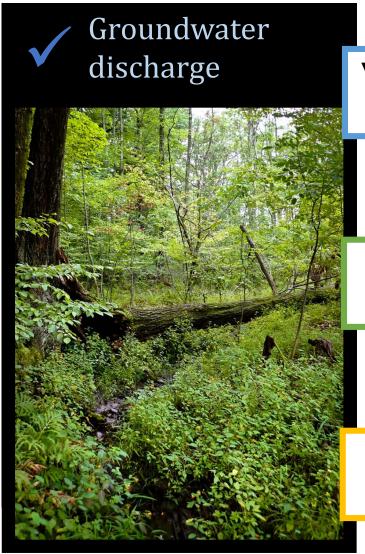
### Development may shift "values"



NWI wetland polygons displayed (USFWS 2016)



# Surface & subsurface water



Water quality & security



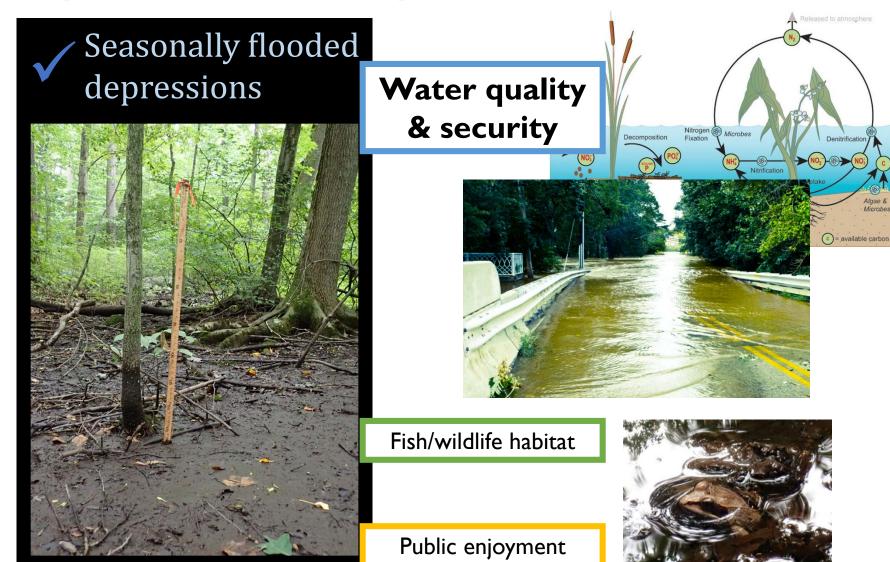
Fish/wildlife habitat



Public enjoyment



## Surface & subsurface water



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