



A NYAC Workshop

Friday May 11, 2018

or

Saturday May 12, 2018

Van Schaick Mansion,

Van Schaick Ave, Cohoes, NY
12047.

Presented By:

John S. Wah, Ph.D.

Matapeake Soil & Environmental
Consultants

Tentative Schedule:

8:15 am: Sign in & Welcome

8:30: Morning Session:

*Soil as a natural body reflecting
pedogenesis.

*Pedogenesis and the five soil
forming factors with emphasis on
parent materials and time.

*Soil and sediment physical and
mineralogical properties: particle
size, mineralogy, texture,
structure, color.

*Redoximorphic features and
environmental interpretation.

*Landscapes and landform/
sediment/ soil relationships.

*Nomenclature used for soil
description.

*Soil Taxonomy introduction.

*USDA NRCS soil mapping, Web
Soil Survey, and SoilWeb.

12:15: Lunch (provided)

1:15 pm: Field Session

*Description of soil profile(s),
horizonation, color, texture,
structure, redox feature,
boundaries.

*Identification of the landform and
parent sediments.

*Interpretation of depositional
environment and pedogenesis with
implications for archaeology.

4:00 pm: Conclusion

Soils, Sediments and Landscapes play vital roles in understanding and interpreting archaeological contexts. In the early phases of archaeological investigations sediments and soils offer valuable insight into archeological potential - whether a landform is too young or too active for cultural materials; old enough that all cultural materials are restricted to the surface; or has alternated between stability and deposition that has buried archaeological sites. In later phases investigations of sediments and soils can be an aid in reconstructing past landscapes and environments that would have influenced human behavior.

This unique one-day workshop will review the processes of landscape formation, sediment deposition, and pedogenesis, the relationships between the three, and the implications for archaeology. The morning classroom session will include brief discussions of soil morphological properties and interpretation, soil nomenclature, soil taxonomy, and digital soil mapping. The afternoon field portion of the course will be used for the practical application of concepts discussed in the morning. Soils, sediments, and landforms will be described at an active archeological site used to interpret the age and origin of the setting and its archaeological potential.

<u>Workshop Pricing</u> (Includes the workshop, educational materials and lunch)	<u>Prior to March 30th</u>	<u>After March 30th</u>
<u>NYAC Members</u>	<u>\$200.00</u>	<u>\$225.00</u>
<u>Non- Members</u>	<u>\$ 225.00</u>	<u>\$250.00</u>

Register Early- Space is Limited!

Complete registration form and submit with payment to:

Ann E. W. Morton, 1215 Macedon Center Road
Macedon, New York, 14502

