

# **Paradigms in Pedology as Learning Goals.**

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## **Authors :**

- J.G. Bockheim\* - *Univ. of Wisconsin*
- A.N. Gennadiyev - *Moscow State Univ.*
- R.D. Hammer - *Univ. of Missouri*
- J.P. Tandarich - *Hey & Assoc.*

## **Abstract:**

In recognition that the subdiscipline of soil science called pedology is a paradigm-based science, we have identified key paradigms relative to the concept of the soil; soil horizons, profiles, and pedons; soil-forming factors; pedogenic processes; soil classification; and soil geography and mapping. Traced from the early roots of pedology, these paradigms are presented as "learning objectives" for instruction and research. The paradigms are ones that have proven to be useful in our careers and are offered here to generate discussion in the pedology community.

**Speaker Information:** James Bockheim, Univ. of Wisconsin, 1525 Observatory Drive, Madison, WI 53706-1299; Phone: 608-263-5903; E-mail: bockheim@wisc.edu

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