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Short webinars for environmental policy-makers and practitioners

Improving information in S-map - Important updates on soil water storage characteristics

The following questions were asked during our live webinar with Linda Lilburne but due to time restrictions, we were unable to answer these in the session.

Can this data assist in predicting sedimentation rates?

Sediment or loss of soil by erosion is controlled by various factors related to the climate, land use, slope, and soil erodibility.

Can the large variance in mature and immature gleys be explained?

We assume the question relates to the high variability in the measured data for gleys? It's a good question – here are some possibilities:

- Gleys occur in all landscapes so they have highly variable parent rocks, including ash and pumice.
- They also have variable density to other soils with the same texture.
- They have variable organic content with depth.