Investigating Russia’s soil types

Classroom activity

The photograph shows a transect. This is a pathway along which geographers can observe changes in the environment around them. When undertaking fieldwork, geographers often make use of a transect. Along the transect shown, three sample sites have been selected for an analysis of soil, vegetation and climate.

As preparation work, carry out the final tasks in small groups. You will need to make use an atlas.

(1) Draw Russia’s state boundary line on the photograph.
(2) Estimate the length of the transect shown.

\[ \text{Transect length} \]

(3) Estimate the latitude of sites A, B and C

\[ \text{Site A latitude is:} \]
\[ \text{Site B latitude is:} \]
\[ \text{Site C latitude is:} \]

Image source: NASA