
Rowin J. van Lanen (1,2) and Esther Jansma (1,2,3)
(1) Department Physical Geography, Utrecht University, Utrecht, The Netherlands, (2) Landscape department, Cultural Heritage Agency of the Netherlands, Amersfoort, The Netherlands, (3) Netherlands Centre for Dendrochronology: RING Foundation, Amersfoort, The Netherlands

The end of the Roman period in many parts of north-western Europe coincided with severe population decline and collapsing trade routes. To what extent the long-distance transport routes changed from Roman to early-medieval periods and what their exact nature was, is generally unknown. Only few historical sources are available for this period, and archaeological records complex. Traditionally, research on the long-distance exchange of goods therefore generally has focussed on the spatial analyses of archaeologically recognizable goods (e.g. jewellery, religious artefacts). Although these endeavours greatly increase our understanding of long-distance trade networks, they probably in itself do not represent the full spectrum of common exchange networks and transport routes.

By using a dendroarchaeological approach we were able to analyse long-distance transport routes of imported timber in the Roman and early-medieval Netherlands. By combining the provenance of exogenous timbers with data on modelled Roman and early-medieval route networks, we were able to reconstruct: (a) Roman and early-medieval trade networks in structural timbers, (b) changing transport routes in structural timbers and (c) model spatially shifting frequent-travel zones in the research area.