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Dendrohydrogeology in paleohydrogeologic studies

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Highlights

- Dendrohydrogeology is the use of tree-rings and vessel features to reconstruct past hydrogeologic conditions.
- We simulated paleohydrogeologic conditions via tree-rings and vessel chronologies.
- We also found that dendrohydrogeology has more capability in groundwater modeling in the sites where groundwater level fluctuates 10-20 m.
- Dendrohydrogeology is suggested for paleohydrogeologic modeling in the alluvial aquifers.

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