

Monitoring of the root system extraction and reconstruction of structures



After six years of R&D studies of tree root problems in hydraulic structures, ARBEAUSOLUTIONS was created in order to continue these diagnostic activity claims by managers of wooded hydraulic structures.

Many studies have shown a link between woody root systems and premature aging of hydraulic structures (cracking and uprising of coating, works deformations, risks of infiltration, etc.)

For deciduous trees, logging does not stop woody plant growth but reinforces their root systems inducing growth of resprouts from stump and suckers from roots. When trees are adult and disorders start to appear, it is recommended to extract root systems.

Then, ARBEAUSOLUTIONS performs the monitoring of the root system extraction and gives expert advice to ensure the smooth function of the operation. Expertise of roots extracted allow to characterize the present root system (height, type, root's state) and to control seriousness of disorders resulting on structure.

