



















## Conclusions

Terrestrial scanning poses the good alternative in a river monitoring.

## Limitations:

- appropriate station location, which depends on the type of ground, the floodplain range, the river width and the scanner range;
- a lot of stations along the river (Leica ScanStation C10 scanner has a range up to about 300 meters, 500 meters can be assumed for open areas);
- at least 20-degree angle between the sight line and the surface of the object to get the optimal conditions for measuring (Toś et al., 2010).

