

- conducting geotechnical monitoring from the initial stage of construction allows to fix in time negative processes occurring in the structures of the building and in the soil base. And if necessary, to develop measures preventing a hazardous situation.
- Conducting comprehensive research as part of the geotechnical monitoring, combining geodetic, survey, geophysical and analytical methods that complement each other, makes it possible to carry out regular monitoring of the load-bearing structure state of observed buildings to ensure their strength and safe operation;
- Several years of geotechnical monitoring for buildings operation allows to ensure safety and reliability of their structures, which were adversely affected during construction period.

References

1. SNiP 2.02.01-83* Osnovaniya zdaniy i sooruzheniy (1985)
2. SP 13-102-2003 «Pravila obsledovaniya nesushchikh stroitel'nykh konstruktsiy zdaniy i sooruzheniy» (2003)
3. Rekomendatsii po otsenke nadezhnosti stroitel'nykh konstruktsiy zdaniy i sooruzheniy po vneshnim priznakam (2001)