

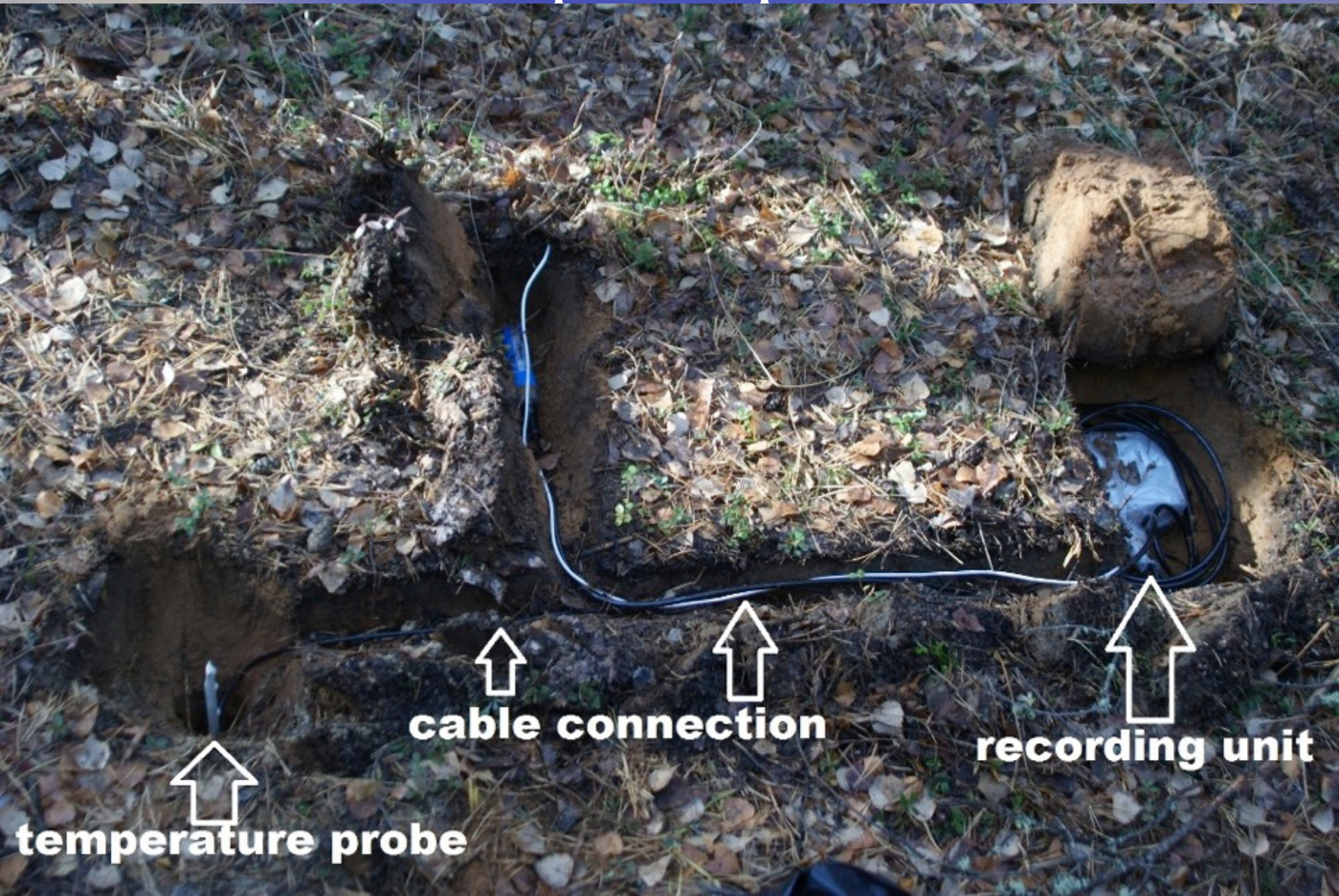
The study of the soil temperature dynamics in the field observations with high temporal resolution.

Lokhov S.K. Voropay N.N.

V.B. Sochava Institute of Geography SB RAS

Enviromis 2012

Autonomous measurer of the temperature profile



temperature probe



cable connection



recording unit





**the location of
the datalogger**



The location of the data logger

Lake Baikal

Comparison of Samples Statistics

Group1 vs. Group2	Mean - Group 1, °C	Mean - Group 2, °C	t-value, °C	p	p - Variances
1 min vs. 5 min	18,25032	18,2497	0,00132	0,99895	0,998677
1 min vs. 10 min	18,25032	18,24996	0,00077	0,99939	0,994832
1 min vs. 15 min	18,25032	18,25362	-0,0071	0,99436	0,990771
1 min vs. 30 min	18,25032	18,24132	0,01934	0,98461	0,971882
1 min vs. 1 hour	18,25032	18,23403	0,03508	0,97209	0,951449
1 min vs. 3 hours	18,25032	18,42318	-0,3674	0,71408	0,900737
1 min vs. 6 hours	18,25032	18,46952	-0,453	0,65153	0,61724
1 min vs. 12 hours	18,25032	20,14229	-3,4074	0,00095	0,035579
1 min vs. 24 hours	18,25032	26,18602	-8,8074	0	0



Thank you for attention !!!