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INTERNATIONAL SCIENTIFIC CONFERENCE
GREEN ECONOMY AND ADAPTATION
OF INDUSTRY TO CLIMATE CHANGES

COLLECTION OF ABSTRACTS

МЕЂУНАРОДНА НАУЧНА КОНФЕРЕНЦИЈА
ЗЕЛЕНА ЕКОНОМИЈА И АДАПТАЦИЈА
ПРИВРЕДЕ НА КЛИМАТСКЕ ПРОМЕНЕ
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FIELD ACTIVITIES: SAMPLING OF SURFACE WATER

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The objective of this field activities is to ensure quality and standardized sampling of surface water according to the Project plan sampling. The main fact of the surface water sampling in the field is to collect samples on proper manner with appropriate equipment aim to determine the water quality. During the field activities up to September 2020, surface water samples (about 130 pcs.) are taken according to the procedure which is one of the deliveries from current project. Sampling points and sampling dynamics are defined according to the project activities. The results of samples analyzing are used for: the evaluation of toxic substances distribution into surface waters, creation of the studied areas map, choosing the typical acid mine drainage (AMD) for testing aim to develop the technology for pollution reducing. Procedure for surface water sampling illustrates the importance of choosing proper samples, quality control and equipment, field details and data, as so as the management of collected liquid samples. The sampling procedure is applied by the members of the teams of the current project RoRS 337, "ROmania SERbia NETwork for assessing and disseminating the impact of copper mining activities on water quality in the cross-border area" (RoS-NET2) and detail information concerning this procedure and field sampling details are available in the knowledge base that is built within the above project and at the url: <http://www.elearning-chemistry.ro/rosnet2/knowledge-base/>.

Keywords: surface water, sampling, procedure, cross border area of Romania and Serbia.

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