

78th International scientific conference of the University of Latvia
Special session «Hydrogeology and groundwater dependent ecosystems»

January 30th 2020, Riga, Latvia

University of Latvia, Centre of Natural Sciences, Nature house, Jelgavas street 1, room 702

AGENDA

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|---------------|--|
| 9:00 – 9:30 | <i>Registration and coffee</i> |
| 9:30 – 9:40 | Welcoming words/ Prof. Valdis Segliņš, vice-rector for Exact Sciences, Life and Medical Sciences, University of Latvia |
| 9:40 – 9:50 | Introduction to GroundEco project/ Inga Retike, project coordinator, Latvian Environment, Geology and meteorology Centre |
| 9:50 – 10:40 | Keynote speech
Groundwater dependent terrestrial ecosystems and where to find them/
Dr. ecol. Marko Vainu, researcher, Tallinn University |
| 10:40 – 11:00 | <i>Coffee break</i> |
| 11:00 – 11:40 | Keynote speech
The role of conceptual models in hydrogeology/ Dr.geol. Andres Marandi
Head of Hydrogeology and Env. Geology Department, Geological Survey of Estonia |
| 11:40 – 11:55 | Identification and assessment methodology of groundwater dependent terrestrial ecosystems in Estonia and Latvia/ J. Terasmaa, I. Retike, M. Vainu, A.Priede, A. Kalvans, E. Lode, M. Küttim, O. Koit, S. Tarros, J. Bikše, K. Sisask and P. Abreldaal |
| 11:55 – 12:10 | Groundwater dependent terrestrial ecosystems in Kazu Ieja, Gauja National Park/ A.Priede |
| 12:10 – 12:25 | Kazu Ieja groundwater dependent ecosystem: hydro(geo)logical perspective/ A. Kalvāns, K. Popovs, J. Bikše and A. Babre |
| 12:25 – 12:40 | Developing a hydrogeological conceptual model for a spring fen in the transboundary Gauja – Koiva river basin, SE Estonia/ O. Koit, S. Tarros, J. Pärn, M. Polikarpus, P. Abreldaal, K. Sisask, M. Küttim, M. Vainu, J. Terasmaa, H. Tõnisson and V. Raidla |
| 12:40 – 13:20 | <i>Lunch (organized for registered participants in room 701)</i> |
| 13:20 – 13:35 | Development and application of DIY sensors for hydrogeological needs in Kazu Ieja valley pilot site/ J. Bikše and A. Kalvāns |
| 13:35 – 13:50 | Hydrogeological modelling of the interaction between dolomite quarries in the Ropazu district and of adverse effects caused by them (Latvia)/ A. Spalvins, I. Lace and K. Krauklis |
| 13:50 – 14:05 | What causes water level changes in a small lake in Piejura lowland, Latvia?/ A. Dēliņa, A. Kalvāns and K. Popovs |
| 14:05 – 15:00 | Poster session |

See abstracts here: bit.ly/GroundEco-abstracts