

## INTERNATIONAL RESEARCH AND PRACTICAL CONFERENCE

**“Ecological and technological aspects for monitoring and regeneration of forests in the conditions of climate change “**

**ERASMUS+ REBUS information day**

**5-7 June 2019**

**Volga State University of Technology (Volga Tech)**

**Yoshkar-Ola, Mari El, Russia**

### Programme

**6 June**, Volga Tech, Pl. Lenina, 3, **auditorium 403**

8:15 – 9:00 – registration of participants

**Plenary session 1: Official opening of the conference**

**Chair:** Evgeny Romanov, President of the Volga Tech

9:00 – 9:10	Opening and welcome from the Volga Tech, Vice Rector for Research and Innovative Activity Dmitry Ivanov
9:10 – 9:35	Forest Regeneration in Mari El Republic, Alternate Minister Alexey Kiselev, Ministry of Natural Resources, Ecology and Environmental Protection of Mari El
9:35 – 10:00	Forest Regeneration is an Important Environmental Target and a Top-Priority Goal for Forestry Development in Russia, Evgeny Romanov (Volga Tech)
10:00 – 10:25	European Researches at the Jean Monnet Centre of Excellence, Eldar Kurbanov (Volga Tech)
10:25 – 10:50	<i>Coffee break</i>
10:50 – 11:20	Development of Innovative Thinking and Entrepreneurial Competences for the Students of Forestry and Nature Management studies: REBUS Project in Volga Tech, Alexey Fominykh and Sergey Lezhnin
11:20 – 11:40	Soils Monitoring Management in the Conditions of Man-Caused Impact Increase on Forest Ecosystems, Airat Sabirov (Kazan State Agricultural University)
11:40 – 12:00	Peculiarities of Scots Pine Plantations Establishment in the Middle Volga Region and Selection of the Strategy for Their Accelerated Growth, Tatiana Nureeva (Volga Tech)
12:00 – 12:05	Presentation of the magazine “Vestnik of Volga State University of Technology. Series: Forest. Ecology. Nature Management.”, Sergey Denisov (Volga Tech)
12:05 – 13:30	<i>Lunch</i>

### Other workshops

13:30 – 15:30 auditorium 344 Technologies of Artificial Regeneration Chair: Dmitry Mukhortov (Volga Tech)	13:30 – 15:30 auditorium 406 Jean Monnet Centre of Excellence. EU-Russia: International Cooperation in Education and Project Activity. Chair: Alexey Fominykh (Volga Tech)
Current Problems of Oak Groves Regeneration in the Republic of Tatarstan, Sergey Glushko (Kazan State Agricultural University) Growing the Containerized Seedlings of Scots Pine with the Growing Medium of Diverse Bulk Density, A.V. Antropova, Dmitry Mukhortov (Volga Tech) Larch Protective Stands in the Pre-Kama Region (Republic of Tatarstan), Shamil Shaikhraziev (Kazan State Agricultural University)	The Particularities for Teaching the Environmental Policy of EU, Natalia Zaslavskaya (Saint-Petersburg University) Environmental and Social Measurement of Nuclear Security: Experience of HUMAN Security Project, Ekaterina Mikhailenko (Ural Federal University) Erasmus Projects+ Volga Tech, Alexey Fominykh

<p>Genetic Polymorphism of Scots Pine of the Neighbouring Boggy and Upland Coenopopulations by Nuclear SSR loci, Olga Sheikina, Yuri Gladkov (Volga Tech)</p> <p>The Trends to Save Sustainable Forests in the Close to the Volga Territories, Railya Uldanova (Kazan State Agricultural University)</p> <p>Productivity of 40-Year-Old Pine Plantations of Diverse Initial Density, Yuri Demakov, Tatiana Nureeva</p> <p>Formation of Forest Biogeocenoses on the Slopes of the Republic of Tatarstan, Ilfir Galiullin (Kazan State Agricultural University)</p> <p>Survival Ability and Growth of English Oak (<i>Quercus Robur l.</i>) Plantations Established with the Containerized Seedlings and Grown in the Diverse Media, K.V. Rybakov, Vitaly Krasnov (Volga Tech)</p> <p>Assessment of Budget Effectiveness of Forest Use in Russian Region as a Management Tool for Forest Regeneration: Problems and Solutions, Marziya Akhmadeeva</p> <p>Plantations of Fast-Growing Broadleaved Species Established with in vitro Planting Material, Roman Sergeev (Volga Tech)</p> <p>Biochemical Qualities of European Cranberry (<i>Oxycoccus palustris Pers.</i>) Growing in Mari El Republic, Olga Konukhova, Olga Tanygina (Volga Tech)</p> <p>Improvement of Oak Groves Productivity with Establishing Mixed Oak-Coniferous Plantations in the Middle Volga Region, Vitaly Krasnov (Volga Tech)</p>	<p>Entrepreneurial and Intercultural Competencies of Students Obtained in REBUS Project, Sergey Lezhnin (Volga Tech)</p> <p>Jean Monnet Programme and Strategic Partnership of Universities in the Field of European Researches, Elena Lezhnina, Galina Rokina (Mari State University)</p> <p>Erasmus+ in the System of Public Servants Training: Russian-Slovak Cooperation, Olga Sutyryna (Volga Tech)</p> <p>Round table “Erasmus+ in Russian Universities”.</p>
<p>13:30 – 15:30 auditorium 523</p> <p>Remote Monitoring of Forest Ecosystems</p> <p>Chair: Eldar Kurbanov (Volga Tech)</p>	<p>13:30 – 15:30 auditorium 357</p> <p>Ecological Role of Forests</p> <p>Chair: Evgeny Goncharov (Volga Tech)</p>
<p>Projects of European Forest Institute relating to “Forest and Climate Change”, E. Kulikova (European Forest Institute, Finland) (booth interpretation)</p> <p>Time Series Analysis of Vegetation Indices for the Major Forest Forming Species in Mari Trans-Volga Region, Oleg Vorobyev, Eldar Kurbanov (Volga Tech)</p> <p>SUFOGIS Project: Examples of Interaction of Aristotle University of Thessaloniki with Greek Enterprises (I. Gitas) (booth interpretation)</p> <p>Estimator of Forest Health of Yoshkar-Ola Greenbelt According to Remote Sensing Data, L.N. Smirnova (Volga Tech)</p> <p>An Algorithm to Determine the Phenological Characteristic of Forest Cover Based on the Time Series of Satellite Data, S.A. Menshikov (Penza branch, Roslesinforg)</p> <p>Mapping of the Syrian Arab Republic Forest Cover through the Methods of Remote Sensing, A.S. Maher (Volga Tech)</p> <p>Remote Sensing Capabilities When Monitoring the Floodplain Forests, Ludmila Tarasova (Volga Tech)</p> <p>Assessment of the Impact of Climatic Variables on the Phenological Data of Mari El Forest Plantations Using the Data of Remote Sensing, Ekaterina Demisheva (Volga Tech)</p> <p>Monitoring of Forest Regeneration on Former Farmlands for a Decade (Mari El Republic), Sergey Lezhnin (Volga Tech)</p>	<p>Radiation Background Development in Forest Ecosystems of Middle Volga Region, Evgeny Goncharov (Volga Tech)</p> <p>Dynamics of Climatic Indices in Mari El Republic, Natalia Bulygina (Volga Tech)</p> <p>Assessment of Sanitary-Microbiological Soil Characteristics in Cedar Plantations, S.M. Khamitova, Yu.M. Avdeev (Voronezh State University)</p> <p>Species Diversity of Ornithofauna (Not Game) in Mari El Forest Biotopes as a Factor for Forest Ecosystems Stability, Yuri Malkov (Volga Tech)</p> <p>The Role of Macromycetes for Caesium-137 Accumulation in Forest Ecosystems, Dmitry Pigalin (Volga Tech)</p> <p>Estimation of Forest Stand Condition in the Drained Lowland Bog of State Nature Reserve of Regional Importance “Lebedan” (Mari El Republic), Tatiana Shvedova, Tamara Efimova (Volga Tech)</p> <p>The Efficiency for Draining of Some Area of Oligotrophic Forest Swamp “Kuplanskoe” (Volzhskoe division of forestry, Mari El Republic), Aleksandr Kusakin, Tamara Efimova (Volga Tech)</p>
<p>13:30 – 15:30 auditorium 246</p> <p>Landscape Design</p> <p>Chair: Yulia Granitsa (Volga Tech)</p>	

<p>Analysis of Dendroflora Composition in the Territory of Yoshkar-Ola Higher Educational Institutions, Yu.A. Semenova, Yulia Granitsa (Volga Tech)</p> <p>Seasonal Development of Far Eastern Maple Species in Mari El Republic, E.E. Kuklina, Svetlana Mukhametova</p> <p>Growing the Mountain Pine in the Botanic Garden-Institute of Volga Tech, Alexey Mamaev, Yulia Granitsa</p> <p>A Comparative Analysis of Colorado Spruce as a Greenery in Yoshkar-Ola and Volzhsk, Muza Martynova, Yulia Granitsa, Svetlana Mukhametova</p> <p>Problems of Monitoring of Conditions and Exploitation of Stands in the Territory of Children`s Educational Institutions, G.I. Mukhamedzyanova, Elena Medvedkova</p> <p>Biodiversity and Life Spectrum of Plantations in Agglomerations of Arid Zones, Natalia Serebryakova, B. Toktobolotov</p> <p>A Lookback Analysis of NDVI Vegetation Index for the Park-Forest named after Foresters of Bashkiriya, Zagir Rakhmatullin, Irina Rakhmatullina, Aidar Gabdelkhakov, Muza Martynova (Bashkir State Agrarian University, Bashkir State Pedagogical University n. a. M. Akmulla)</p>	
15:15 – 15:50 Coffee break	
15:50 – 16:30 auditorium 403. Plenary session: Reports of chairmen and adoption of a resolution. Closing of the conference	