

OMSU Multidisciplinary center «Green Building» (NGB)

ROAD MAP

2017 – 2021

Planned Dates	Action	Responsible	Results
December 2017	Master classes in ecological materials	Vladimir Erofeev	Done
January - March 2018	With support of the GREB project, a training manual was prepared and published «Smart Building and Urban Design»	Olga Rodina, Vladimir Erofeev, Nikolay Antoshkin, oth	Done
January - March 2018	With support of the GREB project, a training manual was prepared and published «Intellectual Building Systems».	Anna Dergunova, Vladimir Erofeev, Nikolay Antoshkin, oth	Done
March-June 2018	Organizing continuing (lifelong) education courses on green building for employees of the construction industry of Saransk city	Vladimir Erofeev, Nikolay Antoshkin,	Done
March 2018	Preparation materials on Green Building issues for participation in International Assembly and Conference “HERITAGE FOR PLANET EARTH-FINAL CONTEST 2018” held by Fondazione Romualdo Del Bianco	Vladimir Erofeev, Nikolay Antoshkin,	Done
April 2018	Holding a workshop “New Ecological Materials for Green Building” at International Conference «Development in Effective Aviation, Industry, Electrotechnical and Building Materials».	Vladimir Erofeev, Nikolay Antoshkin,	Done
April 2018	Participation in a seminar on development of a business plan for NGB center at Construction Cluster in Slovenia	Anna Piksayikina	Done
May - October 2018	Development and update of business plan for NGB center	Anna Piksayikina	Done
May-June 2018	Defending Master Thesis and Specialist Diploma Papers in Green Building by students studying “Construction Engineering” and "Construction of unique buildings and structures”	Vladimir Erofeev, Nikolay Antoshkin,	Done
September 2018 -June 2019	Delivering classes to students studying the Master programme in Green Building	Vladimir Erofeev, Nikolay Antoshkin,	Done
September 2018 -June 2019	Holding videoconferences and public lectures in green building (with participation of Architecture and Construction HEI) to share experience	Vladimir Erofeev	Done
June 2018	Training teachers and staff for NGB centers at Salzburg University of Applied Sciences	Anna Dergunova Irina Erofeeva Olga Rodina	Done
October 2018	Training teachers and staff for NGB centers at KTH Royal Institute of Technology	Anna Dergunova Irina Erofeeva Olga Rodina	Done
November 2018	GREB Coordinator’s Visit (UPM) to MRSU	Vladimir Erofeev, Nikolay Antoshkin	Done
December 2018	Holding a workshop “Green Building” at International Conference “Current issues in construction and architecture»	Vladimir Erofeev, Nikolay Antoshkin	Done
February 2019- June 2020	Creating database on water supply, construction, design, water disposal, heat and gas supply, ventilation, repair, reconstruction and management of buildings and facilities	Vladimir Erofeev, Nikolay Antoshkin	In progress
May-June 2019	Defending Master Thesis and Specialist Diploma Papers in Green Building by students studying “Construction	Vladimir Erofeev, Nikolay Antoshkin	Done



	Engineering” and "Construction of unique buildings and structures”		
May-September 2019	Preparation for the GREB FINAL CONFERENCE (students’ projects & presentations). Discussion of further collaborative efforts to develop the NGB network	Vladimir Erofeev, Nikolay Antoshkin	Done
September 2019 - June 2020	Delivering classes to students studying the Master programme in Green Building	Vladimir Erofeev, Nikolay Antoshkin	Done
December 2019	Carrying out international public accreditation of the cluster of educational programs in the subject areas 08.03.01 "Construction engineering", 08.04.01 "Construction engineering", 07.03.01 "Architecture", 07.03.03 "Design of the architectural environment" and speciality (5-year curriculum) 08.05.01 "Construction of unique buildings and structures»	Vladimir Erofeev Eugenii Zavalishin Andrey Razumov Sergey Kaznacheyev	Done
February - June 2020	Organizing continuing (lifelong) education courses on BIM technologies for University teaching staff	L. Oshkina Tatiana Nizina Andrey Razumov	In progress
February 2020	Development of the programme of joint research practice in climate resistance of building materials for master degree students of Uzbekistan and Mongolia	Vladimir Erofeev Andrey Bogatov Sergey Kaznacheyev Alexander Rodin Nikolay Antoshkin Irina Erofeeva	Done
February - April 2020	Organizing and carrying out joint research practice of students of Ogarev Mordovia State University and Uzbekistan	Sergey Kaznacheyev Alexander Rodin	In progress
February - May 2020	Organizing and delivering courses for prospective university students from Saransk aimed at improvement of training in the field of creative and professional skills	Svetlana Volkova	
May - June 2020	Organizing and delivering the course in "Environmental design of buildings and structures" for employees of the construction industry of Saransk city	E. Bargov Andrey Razumov	
May - June 2020	Video lectures for students studying the course «Intelligent building systems»	Denis Gubanov Anna Dergunova	
January 2021	Development of the GREB Center schedule of activities for 2021	Vladimir Erofeev, Nikolay Antoshkin	
February - April 2021	Organizing and carrying out joint research practice of students of Ogarev Mordovia State University and Mongolia	Sergey Kaznacheyev Alexander Rodin	
February - May 2021	Organizing and delivering courses on optimization of design solutions in construction engineering	Svetlana Savina	
April 2021	Project-oriented intensive course for students of the Faculty of architecture and construction engineering	Anna Piksaikina	
April - May 2021	Organizing continuing (lifelong) education courses on BIM technologies for employees of construction industry of Saransk city	L. Oshkina Tatiana Nizina Andrey Razumov	
May - July 2021	Video lectures on the topic «Biodeterioration and bioprotection of buildings and structures» for construction workers	E Bargov Alexander Rodin	
September - November 2021	Organizing courses «Environmental aspects of biological deterioration and bioprotection of buildings and structures» for Saransk’s population	E Bargov Alexander Rodin	
October 2021	International Scientific Conference «Priority Domains of Architectural and Construction Science as a Means of Socio-Cultural and Technical Modernization of Russia»	V. Makhaev Andrey Razumov	
November 2021	IV International Scientific Conference «Biodeterioration and biocorrosion in construction engineering»	Vladimir Erofeev Andrey Bogatov	