

13 CLIMATE
ACTION



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climate change and its impacts

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UNIVERSITY PROGRAMS WITH INTERNATIONAL COLLABORATIONS

The Central Asia Regional Information Network (CARIN) Workshop, which explored environmental research and collaborative initiatives. In collaboration with regional universities including TSUULL, CARIN annually hosts regional meetings on recent research on crucial aspects of environmental changes in Central Asia. Emphasizing the utilization of geospatial technologies to detect and characterize these changes, the discussions also highlighted the key challenges of adapting land and water management to evolving environmental conditions. TSUULL, in collaboration with Eurasia Foundation of Central Asia, hosts open lecture series on Water Management and the future of Water in Central Asia. The water specialist, Mirsaid Uzakov, delivers series of lectures on Wednesdays of 4 consequent weeks every semester sharing knowledge on water shortage in all regions of Central Asia.



TSUULL has started collaboration with Turkish Sakarya University of Applied Sciences on the new project of the introduction of advanced technologies that serve to save water and maintain environmental cleanliness. The project aims to accomplish new milestones in water management based on foreign expertise TSUULL has also actively been partnering with Western Caspian University in Azerbaijan on achieving UN Sustainable Development Goals. The parties have agreed to collaborate on responsible e-waste management at TSUULL. WCU experience has been studied during visits of Vice-Rector for Innovations and been implemented at TSUULL accordingly.

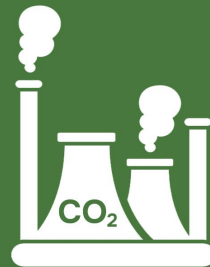


TSUULL'S COMMITMENT TO CLIMATE ACTION AND SUSTAINABILITY

On November 9, TSUULL University hosted a public talk led by Prof. Sagynbek Orunbaev, focusing on the urgent need to address UN Sustainable Development Goal 13, which emphasizes climate action. This lecture was part of the TSUULL Talks series, aimed at disseminating insights into contemporary research and practices related to climate change, GIS, and environmental sustainability. Prof. Orunbaev highlighted the alarming effects of climate change, including rising sea levels, increasing temperatures, and extreme weather events, all driven by elevated concentrations of greenhouse gases. He underscored that these phenomena pose a significant threat to global populations and that immediate intervention is critical to mitigate the potential impacts of climate change.



On October 19, a public talk focused on Sustainable Development Goal 13, experts emphasized the urgent need for global action on climate change. The discussion highlighted the importance of reducing greenhouse gas emissions, transitioning to renewable energy sources, and enhancing climate resilience in vulnerable communities. Speakers underscored the role of individual and collective responsibility in combating climate change and called for stronger policy measures and international cooperation to achieve climate goals. Participants engaged in a lively Q&A, expressing concerns and proposing local initiatives to address climate impacts.



On November 18, a public talk focused on composting's role in supporting Sustainable Development Goal 13, which emphasizes climate action. The speaker highlighted how composting food scraps reduces methane emissions from landfills and improves soil health, decreasing the need for chemical fertilizers. Various composting methods were discussed, suitable for different living situations, along with tips to avoid common mistakes. Overall, the session reinforced composting as an effective strategy for combating climate change and promoting sustainable practices within communities.



Sustainability Research Funds

Our university has allocated funds to initiatives aligned with Sustainable Development Goal 13, which focuses on climate action. This investment supports various projects aimed at reducing our carbon footprint, promoting renewable energy use, and enhancing sustainability on campus. Key initiatives include the installation of solar panels, energy-efficient infrastructure upgrades, and programs designed to educate and engage the university community in climate resilience efforts. By prioritizing these actions, the university demonstrates its commitment to addressing climate change and fostering a sustainable future.



2020	2021	2022	2023	Average
68,000	76, 721	84, 268	+90, 000	79,747

The number of funds allocated to research on Sustainability

PROJECT NAME	Participants	Project Duration	Project Are
Green Space project	450	Spring /Autumn	EC
KEEP TSUULL CLEAN	1000	Once a month, all year	EC
ECO-SMARTIES	50	Twice per Semester	ED
RUN&CLEAN	140	Once a month	WS
CAR FREE DAY	2500	8 days per year	TR
CLEAN GAMES	20	Every spring	WS
CYCLING MARATHON	48	Every spring	TR

EC – Electricity ED – Education WS – Waste TR -Transport