

Bulletin of Romanian Chemical Engineering Society**Number 1/2025****Cuprins**

Adela Ciobanu, Alexandru Ozunu, *Reconfiguring medical waste management in Romania: challenges and solutions 2025*

Alexandra-Ioana Crăciun, Alexandru Ozunu, *From simulation to safety: chemical risk management and environmental safety in european civil protection exercises*

Florin Bogdan, Mihai Albulescu, Aurelian Şisinea, *A gas drying by adsorption on porous matrix composite materials*

Timur Chis, Daniel Iancu, Lazar Avram, Calin Iorga, *A numerical offshore explosion modeling in natural gas drilling*

Timur Chis, Ionut Lungu, Doru Barsan, Andrei Barbulescu, *A numerical models applied in the study of natural gas movement in underground deposits*

Timur Chis, Al Jaseem Ameer, Razvan Gaspar, *Matematic modeling of adsorption on activated carbon of petroleum gases*

Iolanda Popa, Florina Casariu, Vasile Lavric, Timur Chis, Sorin Steflea, *A numerical model of the volatile compounds emission to oil and gasoline storage*

Iolanda Popa, Florina Casariu, Vasile Lavric, Timur Chis, Sorin Steflea, *A statistical methods for evaluating the quality of finished oil products*

Nicoleta-Oana Demostene, Petrica Iancu, Roxana Tarpan, Tănase Dobre, *On the separation of vegetable oils into component classes*

Laura Elisabeta Petras, Claudia Muntean, Oana Parvulescu, Tănase Dobre, *Monitoring of the diesel hydrodesulfurization reactor and primary statistical data exploitation*

Ioana Purghel, Maria Stoicescu, Claudiu Dolete, *Structure equations of thermal rocks AI models 99*

Maria Stoicescu, Sorin Steflea, Iolanda Popa, Vasile Lavric, *Analysis of volatile compounds emission to oil storages*

Eliza-Gabriela Brettfeld, Tănase Dobre, *CO₂ capture and climate policy dynamics*