

---

# Romanian Journal of Petroleum & Gas Technology

---

**Areas:**

Geological, Drilling and Production Engineering

Mechanical Engineering

Electrotechnics, Electronics and Automation Engineering

Chemical and Petrochemical Engineering

Renewable Energies and Environmental Protection

Edited by

Gheorghe BRĂNOIU, Dorin-George BĂDOIU, Otilia CANGEA,  
Timur CHIS, Raluca DRAGOMIR, Cristian-Nicolae EPARU,  
Mariea MARCU, Silvian SUDITU, Doru STOICA

DOI: 10.51865/JPGT

**VOL. VII (LXXVIII) • No. 1 / 2026**

DOI: 10.51865/JPGT.2026.01

**pISSN 2734 – 5319**

**ISSN-L 2734 – 5319**

**eISSN 2972 – 0370**

## Scientific Board:

Michel Troquet (Polytech Clermont-Ferrand, France); Clovis Francis (Lebanese University, Lebanon); Rafic Younes (Lebanese University, Lebanon); Jan Golonka (AGH University, Poland); Valeriu Dulgheru (Technical University of Moldova, Republic of Moldova); Tefy Raelivololona (Universite d'Antsiranana, Madagascar); Nam Nguyen Dang (Duy Tan University, Vietnam); Zulfan Adi Putra (Universiti Teknologi Petronas, Malaysia); Cătălin Teodoriu (University of Oklahoma, US); Mihai Arghir (Université de Poitiers, France); Sorin Radu (University of Petrosani); Maria Lazăr (University of Petrosani); Mihaela Toderăș (University of Petrosani); Ilie Onica (University of Petrosani); Roland Iosif Moraru (University of Petrosani); Florin Dumitru Popescu (University of Petrosani); Ioel Samuel Veres (Technical University of Cluj-Napoca); Valentin Dan Petrescu (Lucian Blaga University of Sibiu); Alexandru Ozunu (Babeș-Bolyai University Cluj-Napoca); Oana Roxana Chivu (Polytechnic University Bucharest); Ionela Popovici (Ovidius University Constanta); Gabriela Stanciu (Ovidius University Constanta); Elena-Rodica Stoica-Negulescu (Prospectiuni SA Bucharest); Dumitru Gherghiceanu (OMV-Petrom); Mihail Minescu (Petroleum-Gas University of Ploiesti); Alin Diniță (Petroleum-Gas University of Ploiesti); Daniela Popovici (Petroleum-Gas University of Ploiesti); Răzvan George Rîpeanu (Petroleum-Gas University of Ploiesti); Marius-Gabriel Petrescu (Petroleum-Gas University of Ploiesti); Lazăr Avram (Petroleum-Gas University of Ploiesti); Mihai Albușescu (Petroleum-Gas University of Ploiesti); Cașen Panaitescu (Petroleum-Gas University of Ploiesti); Cristian Eparu (Petroleum-Gas University of Ploiesti); Cristina Maria Dușescu-Vasile (Petroleum-Gas University of Ploiesti); Dragoș Ciuparu (Petroleum-Gas University of Ploiesti); Dorin Bomboș (Petroleum-Gas University of Ploiesti); Diana Cursaru (Petroleum-Gas University of Ploiesti); Sonia Mihai (Petroleum-Gas University of Ploiesti); Cătălina Călin (Petroleum-Gas University of Ploiesti); Mihaela Neagu (Petroleum-Gas University of Ploiesti); Iuliana Ghetiu (Petroleum-Gas University of Ploiesti); Marius Badicioiu (Petroleum-Gas University of Ploiesti); Adrian Neacsă (Petroleum-Gas University of Ploiesti)

## Romanian Journal of Petroleum & Gas Technology Editor-in-chief:

Gheorghe-Adrian Brănoiu

## Romanian Journal of Petroleum & Gas Technology Executive Editors:

Dorin-George Bădoiu, Otilia Cangea, Timur Chiș, Raluca Dragomir, Cristian-Nicolae Eparu, Marica Marcu, Silvian Suditu, Doru Stoica

**Romanian Journal of Petroleum & Gas Technology** is an open access, peer-reviewed, international scientific journal in the petroleum and gas field, published two times per year, and continues the long tradition established by the old periodicals of the Petroleum-Gas University Ploiesti, with the first issue appearing in the year 1956, in Bucharest, and continuing in Ploiesti since 1973, and especially Petroleum-Gas University of Ploiesti Bulletin - Technical Series (ISSN 1224-8495) (1992-2019), whose successor it is. The topic of the published papers covers all the fields linked to the petroleum and gas industry: wells drilling, wells production, petroleum geology and geophysics, petroleum products transportation and storage, petroleum technology and petrochemistry, renewable energies, environmental protection, petroleum and oilfield equipment, electrotechnics, electronics and automation in the petroleum industry a.o.

website: <http://jpgt.upg-ploiesti.ro/>

**Editorial Office:** Petroleum-Gas University of Ploiești

Bd. București, No. 39, Ploiești, Romania

Tel.: 0244 575292; Fax: 0244 575847

e-mail: [bull-st@upg-ploiesti.ro](mailto:bull-st@upg-ploiesti.ro)

*\* The authors have the all legal and moral responsibility for the content of the papers*

---

## CONTENT

1. GROSS DEPOSITIONAL ENVIRONMENT ASPECTS OF THE UPPER HOLOCENE SANDS FROM PETROLEUM-GAS UNIVERSITY OF PLOIESTI AREA USING GRANULOMETRIC ANALYSIS – <b>Dan-Romulus Jacotă, Daniela-Doina Neagu</b> .....	05-12
	13-34
	35-54
	55-70
	71-86
	87-102
	103-120
	121-138
	139-156
	157-178
	179-196



197-212

213-222

223-238

239-251