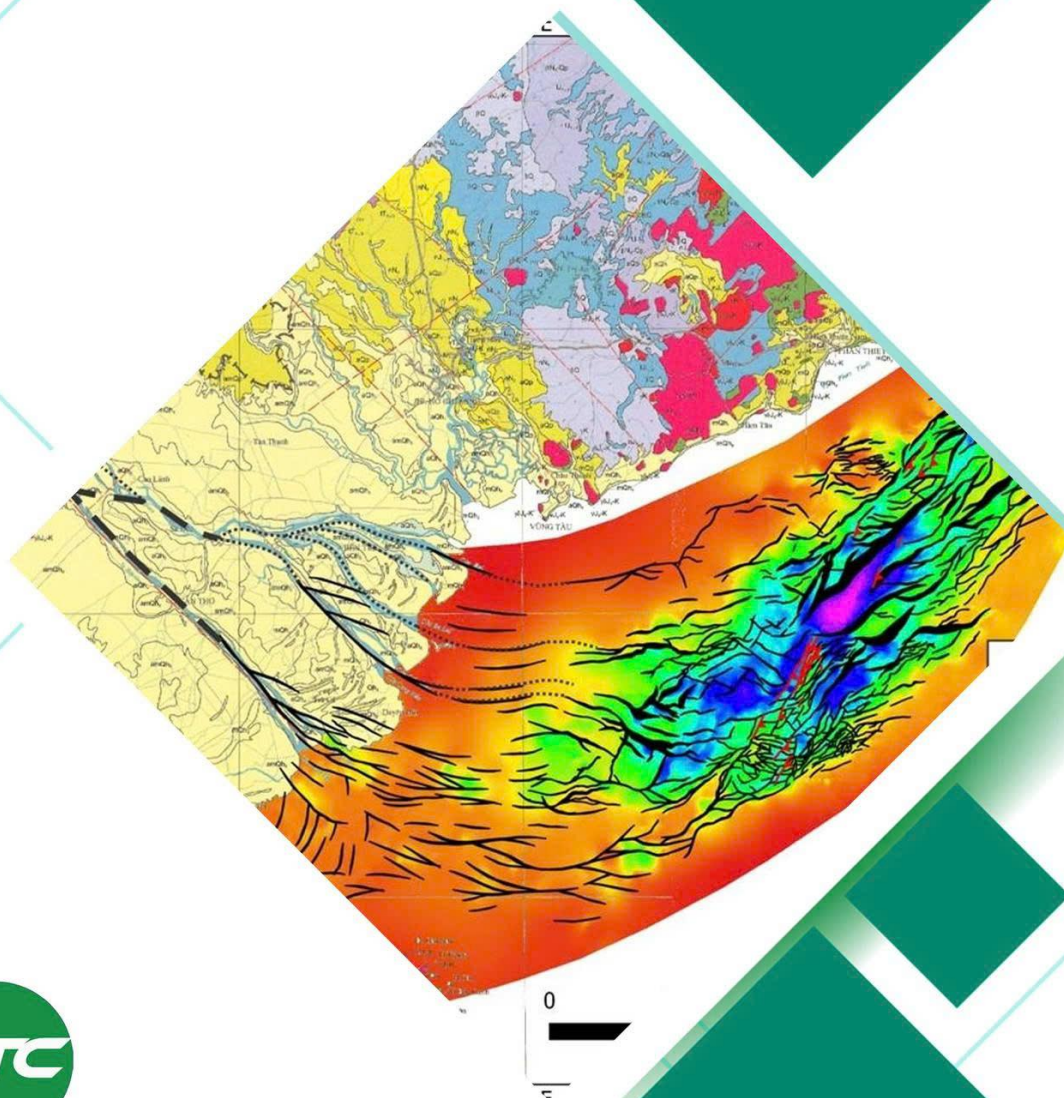




**KHÓA HỌC**  
**APPLIED GEOSTATISTICS**

**TRUNG TÂM BỒI DƯỠNG NÂNG CAO**

**TP. Hồ Chí Minh**

762 đường Cách Mạng Tháng Tám,  
Phường Bà Rịa

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Lô E2b-5, Khu Công nghệ cao,  
Phường Tăng Nhơn Phú

**Hà Nội**

Tòa nhà VPI, 167 Trung Kính,  
Phường Yên Hòa

TRAINING COURSE ON  
**Applied Geostatistics**

**| COURSE CONTENT**

- ❑ Basic Geostatistical concepts
  - Randomness
  - Probability distribution
  - Correlation
  - Variogram algorithm
  - Kriging algorithm
  - Simple exercises in Excel (variogram & kriging)
- ❑ Applied Geostatistics in Reservoir data analysis
  - Correct bin size selection
  - Data delustering (why necessary for data equality)
  - Unlocking insight of trend analysis
  - Principle of probability analysis
  - Integrate multidisciplinary data for probability modeling
- ❑ Insights of Facies modeling algorithm
  - Pixel based algorithm
  - Objective based algorithm
  - Multipoint statistics
  - Selection appropriate methods
  - Case studies: analysis of strength, weakness and applicability of above methods
- ❑ Simulation algorithm (properties modeling)
  - Algorithm explanation
  - Exercise (Petrel)
- ❑ Integration 3D geological modeling
  - Other discussion on machine learning

**| TIME AND VENUE**

Duration: 03 days in 2<sup>nd</sup> – 3<sup>rd</sup> Quarter, 2026.

Venue: Vung Tau Ward, Ho Chi Minh City

**| TUITION**

140.000.000 VND/course maximum 08 participants. The fee has included: teaching fee, material, certificate, teabreak...)

## | HOW TO APPLY

Please send authorized Application by fax or email to Advanced Training Center (ATC) mentioning full name, gender, background, phone number and email of participant(s).

## | CONTACT

PETROVIETNAM UNIVERSITY | **ADVANCED TRAINING CENTER**

*Address: 762 Cach Mang Thang Tam Street, Baria Ward, Hochiminh city*

*Tel.: +84 25 4373 8879 | Fax: +84 25 4373 3579 | Cellphone: 0909.656.998*

*Office in Ho Chi Minh city: Lot E2B-5, Saigon Hi-Tech Park, Tang Nhon Phu Ward.*

*Office in Hanoi: 4<sup>th</sup> Floor, VPI Tower, 167 Trung Kinh, Yen Hoa Ward.*

