Yasir Bashir, Ph.D. in Petroleum Geoscience

Current Address: Taman Starhill Luxury Residence,
Halaman Bukit Gambir 8, 11700 Penang, Malaysia
Nationally: Pakistani **Date of Birth:** 06 September 1985

ORCID ID: https://orcid.org/0000-0002-4614-796X iD **Web of Science (ISI):** J-9333-2019
Scopus ID: 57170061400   **Publon:** https://publons.com/researcher/1625089/yasir-bashir/

A focused, result-oriented Geoscientist with 7+ years of experience in teaching Geophysical courses, research, and Industry project completion. Technical background includes developing algorithms, Machine learning for Seismic data processing, Imaging, developing workflows for seismic inversion, and prospect evaluation together with hands-on practice. Participated as a team member and leader in several research projects from PETRONAS, Hitachi, UTP, and OGDCL such as Seismic anisotropy imaging, Seismic computing research, Pre-image processing & Diffraction Imaging, PSTM, PSDM, and QI. Research outcomes have been recognized and presented in international conferences (SEG, EAGE, OTC, IPTC, and PGCE) and Journal publications. Problem solver with strengths in workflow development and quality control. Effective leadership skills in mixed-gender and multi-ethnic groups. Strong academic background with PETRONAS Institute of Technology, Malaysia.

Key Skills:

- Geophysics
- Seismic imaging
- Interpretation
- Deterministic Inversion
- Workflow development
- Problem-solving
- leadership
- Machine Learning
- Mentoring
- Workshop & Teaching
- Presentation
- Report writing

Employment History:

Senior Lecturer / Assistant Professor (March-2020 to Current)

School of Physics, Geophysics Group at University of Science Malaysia, 11800 USM, Penang, Malaysia

Responsibilities

- Teaching Geophysical courses to undergrad and postgrad, supervise FYP, MSc, and Ph.D. researchers.
- Performing Geophysical research related to Petroleum Exploration.
- Seismic data acquisition, processing, imaging, interpretation, Attributes, Quantitative Interpretation, labs for prospect maturation, and reservoir modeling.
- To secure research grant from Government as well as industry-related research grants

Post-Doctoral Researcher (Nov-2018 to Feb-2020)

PETRONAS Center of Excellence in Seismic Imaging and Hydrocarbon Prediction (CSI) at UTP, Malaysia.

Responsibilities

- Developing algorithms that can robustly operate under real-world challenging conditions through weakly supervised learning in subsurface data processing & Imaging through Artificial Intelligence & Machine Learning approach.
- Working on the application including but not limited to Deep learning algorithm for True amplitude migration for high-resolution diffraction imaging in laterally varying velocity media.

- Develop methodologies for a hybrid approach using seismic inversion and re-imaging of legacy data set to enhance the resolution.
- Mentoring younger researchers such as Ph.D., MSc, and Undergrad level students and teaching Seismic methods, Data processing & imaging, Geological Interpretation & Seismic Inversion courses.

Research Scientist (Nov 2015 to Nov 2018)
PETRONAS Center of Excellence in Seismic Imaging and Hydrocarbon Prediction (CSI) at UTP, Malaysia.

Responsibilities
- Conduct independent research and lead a research group comprised of researcher officers, post-doc and visiting professors in the Geoscience Department, which include R&D projects such as Seismic Anisotropy, Multiples & Diffraction imaging and lead to the Hydrocarbon prediction.
- Manage 2D and 3D seismic data processing/reprocessing and depth imaging (PSTM & PSDM) project to enhance the resolution with innovative technologies and diffraction imaging for identification of small-scale reservoir in Sarawak Basin Carbonate field:
- Developed new methodologies in seismic imaging and implemented on synthetic & field data with an improvement in Seismic Imaging.
- Write technical reports quarterly, Peer-reviewed Journal papers, Conference preceding, and present the reports at conferences and meetings.
- Teaching and assist in teaching to the Undergraduate FYP, Master thesis and lab instructor for Geosciences courses.

Graduate Research Assistant (Nov 2013 to Oct 2015)
Center for Seismic Imaging (CSI), Universiti Teknologi PETRONAS, Malaysia.

Responsibilities:
- To conduct research including Seismic Imaging using wave theory for complex structure in South East Asia basins like a fractured basement, Gas cloud, and salt dome.
- Contributed to the theoretical development in diffraction wave theory which enhances the necessity of the acquisition and processing parameters such as frequency, migration aperture, wavelength, depth of penetration, diffraction hyperbola to the resolution of the seismic data.
- Teaching and assist in the preparation of teaching materials the Undergraduate and Master students.
- To publish papers in international journals & conferences like EAGE, SEG, and OTC.

Junior Geophysicist (OGDCL) (April 2012 to May 2013)
Oil & Gas Development Company Limited (OGDCL), Islamabad, Pakistan.

Responsibility:
- Assist the project leader and manage project datasets for prospect evaluation including the interpretation and generate a 3D surface map of the desired formations.
- Establish a well correlation with seismic data, Interpretation by correlation of well data and intersection points of seismic lines.
- Generate 3D maps for the boundaries & pinch out of the formations in the area and well-point suggestion based on the Petroleum system of the basin.
- QC the pre-processed data by an initial interpretation.

Other Achievements and Contributions

Professional Training & Workshops:
- 1-Day Training "Signal Analysis with Machine Learning" 7 Jan 2021 (TechSource)
- 1-Day Academic Skills workshop, 15 Sept 2020
- 1-Day Essential Supervisory Skills, 23 Aug 2020
- 1-Day Short Course arranged by SEG on "Concept and Application in 3D Seismic imaging" provided by Prof. Dr. Biondo Biondi.
- 2-Days shot course arrange by EAGE on "Seismic Diffraction-Modelling, Imaging and Applications" by Dr. Tijmen Jan Moser in Kuala Lumpur (July-2019)
- 1-Day Karst Geophysics and Geology Field Trip in Austin, Tx, USA (Sept-2019)
- 10-Days Training from Schlumberger in UTP for "Advance of Omega" (Aug 2017).
- 5-Days HumpsonRussell Workshop Training In CGG Kuala Lumpur (May 2017).
- 5 Days Training- Gverse Attribute, Geographics & Xposim from LMKR (Aug 2016).
- 2-Days shot course on "Seismic Imaging and Anisotropic Velocity Model Building" Etienne Robein in Kuala Lumpur (Aug 2016).
- 1-Day Short course "Seismic imaging and Interpretation of Complex Geology and Multicomponent Seismic Monitoring" By Dr. Don Lawton - U-Calgary (Nov 2017).

Professional Membership:
- Society of Exploration Geophysicists (SEG) Since 2013
- European Association of Geoscientists & Engineers (EAGE) Since 2013
- American Association of Petroleum Geologists (AAPG) Since 2013
- Geophysical Society of Houston (GSH) Since 2016
- Canadian Geophysical Union (CGN) Since 2017

Computer Skills:
- Operating System: Windows, Linus, Unix
- Software: Madagascar, Seismic Unix, Omega, ProMax, Hampson Russel, PETREL, Vista, GVerse, Tesseral.
- Languages: C, Python, MATLAB, Visual Basic, HTML

Awards:
- Academic Excellence Award 2018/2019 from UTP.
- Best Research Contributor Award from Institute of Hydrocarbon Recovery (IHR), at University Technology PETRONAS during Q-day 2018.

Journal Reviewer:
- Geophysical Prospecting (EAGE, Europe)
- Geophysics & Interpretation (SEG, USA)
- Exploration Geophysics (SEG, Australia)
- Journal of Petroleum Science and Engineering
- Geological Society of Malaysia (GSM, Malaysia)
- Journal of Earth Sciences and Technology
- Journal of King Saud University
- Geological Journal- Elsevier
- Journal of Asian Earth Sciences

Member of Editorial Board:
- Advances in Geosciences
- Probe - Geology and Mining Research
- Earth Sciences
- Journal of Applied Geology and Geophysics
- International Journal of Geology
- Journal of Earth Science &Technology

Education:

Ph.D. In Petroleum Geosciences
Universiti Teknologi PETRONAS (UTP), Malaysia, (2014- 2018)
Thesis: "Advance Wave Modeling & Diffraction for High-Resolution Seismic Imaging"
- Secured Intellectual Property (IP) as Copyright Malaysia: "A New Method for High-Resolution Seismic Diffraction Imaging" LY2018002442.
- Technology Readiness Level 3 (TRL-3) Approved by PRSB, PETRONAS

M.Sc. In Geophysics
Quaid-i-Azam University, Islamabad, Pakistan, (2010-2012)
Thesis Title: "Seismic Reflection Data Interpretation & Prospect Evaluation of Pakistan Indus Offshore"

M.Sc. In Computer Science
University of Baluchistan, Quetta, Pakistan (2007-2009)
Thesis Title: "Computerization of Directorate General Industries & Commerce Department for Online Database"

B.Sc. In Mathematics
University of Baluchistan, Quetta, Pakistan (2005-2007)

References:

Dr. Muhammad Sajid, Staff Geophysicist, Group Research and Technology, PETRONAS Research Sdn Bhd, Bangi, Malaysia,
Email:muhammad.sajid@petronas.com

Abdul Halim Abdul Latiff, Head: Center for Seismic Imaging (CSI)
Universiti Teknologi PETRONAS, Email: abdulhalim.alatiff@utp.edu.my

Sajid Mehmood Khan, Manager, Seismic Data Processing, Oil & Gas Development Company (OGDCL), Islamabad, Pakistan
Email: sajid_mahmood@ogdcl.com

Dr. Nordiana Mohd Murtaza, Chairperson of Geophysics Group, School of Physics, Universiti Sains Malaysia, USM 11700, Penang
Email: mmnordiana@usm.my

List of Publication:

Book and Book Chapters:

1. Geophysical Application in Malaysian Basin, PETORNAS EAGE (ISBN 978-94-62822-13-9)- Author of **1** chapter, Co-author of **4** chapter.
2. **Bashir, Y.,** Ghosh, D. P., (2018). Advance Wave Modelling and Diffractions for High-Resolution Subsurface Seismic Imaging. In Applied Geophysics with Case Studies on Environmental, Expl & Eng. Geophysics. IntechOpen. (ISBN 978-1-83880-740-5)
3. **Bashir, Y.,** Ghosh, D. P., & Sum, C. W. (2017). Separation of Seismic Diffraction and Reflection Using Dip Frequency Filtering. (pp. 509-516Springer, ISBN 978-981-10-3650-7)

Peer-reviewed Publications:

1. **Bashir, et al.** (2021) Seismic Expression of Miocene Carbonate Platform and Reservoir Characterization Through Geophysical Approach – Application in Central Luconia, Offshore Malaysia, *Journal of Petroleum Exploration and Production Technology*.
2. **Bashir, Y.,** Ghosh, D. P. (2021) Seismic wave propagation characteristics using conventional and advance modelling algorithm for d-data imaging. *Journal of Seismic Exploration*. (IF:1.8, Q2, ISI)
3. **Bashir, Y.,** Mohd Muztaza, N., Moussavi Alashloo, S. Y., Ali, S. H., & Prasad Ghosh, D. (2020). Inspiration for Seismic Diffraction Modelling, Separation, and Velocity in Depth Imaging. *Applied Sciences*, *10*(12), 4391. (IF: 2.4, Q2, ISI)
4. **Bashir, Y**., Ghosh, D. P., A.H, Abdul Latiff., M, Sajid., E.W, Purnomo., S, Prajapati., R, Hamidi., (2020) "Seismic Technology Development for Resolution Enhancement and Bandwidth Expansion: Application in Offshore Malaysian Basin", Baltica Journal. (IF:0.5, Q4, ISI)
5. Imran, Q. S., Siddiqui, N. A., Latif, A. H. A., **Bashir, Y.**, Ali, A. A. A. S., & Jamil, M. (2020). Integrated well data and 3D seismic inversion study for reservoir delineation and description. *Bulletin of the Geological Society of Malaysia*, *70*, 209-220.
6. Rezaei, S., Babasafari, A. A., **Bashir, Y.,** Sambo, C., Ghosh, D., & Ahmed Salim, A. M. (2020). Time lapse (4D) Seismic for Reservoir Fluid Saturation and Monitoring: Application in Malaysian Basin. Journal of *Petroleum & Coal*, *62*(3).
7. Babasafari, A., **Bashir, Y.,** Ghosh, D. P., Salim, A. M. A., Janjuhah, H. T., Kazemeini, S. H., & Kordi, M. (2020). A new approach to petroelastic modeling of carbonate rocks using an extended pore-space stiffness method, with application to a carbonate reservoir in Central Luconia, Sarawak, Malaysia. *The Leading Edge (SEG)*, *39*(8), 592a1-592a10.
8. Ullah, M., Asim, S., & **Bashir, Y.** (2020). Seismic Interpretation and Petrophysical Analysis of a Cretaceous Reservoir in Lower Indus Basin, Pakistan. *Petroleum & Coal*, *62*(4).
9. **Bashir, et al.** (2020) Seismic Inversion for Porosity Estimation in a Carbonate Gas Reservoir: Application in Central Luconia, Offshore Sarawak, Malaysia. Journal of Petroleum exploration and development. (Under review)
10. **Bashir, Y**., Ghosh, D. P., Weng Sum, C., & Janjuhah, H. T. (2018). Diffraction Enhancement through Pre-Image Processing: Applications to Field Data, Sarawak Basin, East Malaysia. *Geosciences*, *8*(2), 74. (IF:2.1, Q2, ISI)
11. **Bashir, Y.,** Ghosh, D. P., & Sum, C. W., 2018 Influence of Seismic Diffraction for High-Resolution Imaging: Applications to Offshore Malaysia, Springer, *Journal of Acta Geophysica*, 1-12. (IF:1.3, Q3, ISI)
12. Hamidi, R., **Bashir, Y,** & Ghosh, D. (2018). Seismic attributes for fractures and structural anomalies: application in Malaysian basin. *Advances in Geoscience*, *2*(1).

13. Hamidi, R., **Bashir, Y.,** Ghosh, D. P., Akhtar, S., & Sheikh, M. I. (2018). Application of Multi Attributes for Feasibility Study of Fractures and Structural Anomalies in Malaysian Basin. International Journal of Engineering & Technology, 7(3.32), 84-87.
14. Moussavi Alashloo, S. Y., Ghosh, D. P., Babasafari, A., **Bashir, Y.,** (2018) Anisotropic Seismic Wave Simulation via Pseudo-spectral and Pseudo-acoustic Approximations. International Journal of Engineering & Technology, 7(3.32), 177-181.
15. Janjuhah, H. T., Alansari, A., Ghosh, D. P., & **Bashir, Y**. (2018). New approach towards the classification of microporosity in Miocene carbonate rocks, Central Luconia, offshore Sarawak, Malaysia. *Journal of Natural Gas Geoscience*.
16. Moussavi Alashloo, S. Y., Ghosh, D. P., **Bashir, Y.,** Ismail. Influence of Error in Estimating Anisotropy Parameters on VTI Depth Imaging. *International Journal of Geophysics*, *2016*.
17. **Bashir, Y.,** Ghosh, D. P., Alashloo, S. M., & Sum, C. W. (2017, October). Importance of Seismic Diffractions for Fractures Imaging. In IOP Conference Series: Earth and Environmental Science (Vol. 88, No. 1, p. 012007). IOP Publishing.
18. **Bashir, Y.,** Ghosh, D. P., Alashloo, S. M., & Sum, C. W. (2016, July). Enhancement in Seismic Imaging using Diffraction Studies and Hybrid Traveltime Technique for PSDM. In *IOP* (Vol. 38, No. 1, p. 012002). IOP Publishing.
19. **Bashir, Y,** D. Ghosh, Alashloo, S.Y.M C. W. Sum ., "Effect of frequency and Migration Aperture on Seismic Diffraction Imaging", IOP (2015)
20. Alashloo, S. M., Ghosh, D. P., **Bashir, Y.,** & Yusoff, W. W. (2016). A comparison on initial-value ray tracing and fast marching eikonal solver for VTI traveltime computing. In IOP: Earth and Environmental Science (Vol. 30, No. 1, p. 012007). IOP Publishing.
21. Nizarul, O., Hermana, M., **Bashir, Y.,** & Ghosh, D. P. (2016). Improving Thin Bed Identification in Sarawak Basin Field using Short Time Fourier Transform Half Cepstrum (STFTHC) method. In IOP (Vol. 30, No. 1, p. 012003). IOP Publishing.
22. Alashloo, S. M., Ghosh, D. P., **Bashir, Y.,** & Yusoff, W. W. Depth Imaging Enhancement Using Reverse Time Migration. In IOP (Vol. 88, No. 1, p. 012017). IOP Publishing.

Conference Papers & Presentation:

SEG Presentations:

1. Alashloo, S. Y. M., **Bashir, Y.,** (2020). Enhanced Crustal-scale depth imaging using least-squares RTM of short-streamer seismic data. In SEG Technical Program Expanded Abstracts 2020. **Society of Exploration Geophysicists**.
2. **Bashir, Y.,** Ghosh, D., & Babasafari, A (2019). Wave Propagation Characteristics using Advance Modelling Algorithm for D-Data imaging. In SEG Technical Program Expanded Abstracts 2019. **Society of Exploration Geophysicists**.
3. **Bashir, Y.,** Ghosh, D. P., Sum, C. W., Alashloo, S. Y. M., & Hamidi, R. (2019, June). Enhanced Wave Modeling for High-Resolution Seismic Imaging: Application in GOM. In SEG 2018 Workshop: SEG Seismic Imaging Workshop, Beijing, China, 12-14 November 2018 (pp. 27-31). **Society of Exploration Geophysicists**.
4. **Bashir, Y.,** Ghosh, D. P., Sum, C. W., & Mahgoub, M. (2018, June). Depth imaging using innovative algorithm for high-resolution seismic. In RDPETRO 2018: Abu Dhabi, UAE, 9-10 May 2018 (pp. 20-23). **Society of Exploration Geophysicists**, European Association of Geoscientists and Engineers, and Society of Petroleum Engineers.
5. **Bashir, Y.,** Ghosh, D., & Sum, C. (2017). Preservation of seismic diffraction to enhance the resolution of seismic data. In SEG Technical Program Expanded Abstracts 2017 (pp. 1038-1043). **Society of Exploration Geophysicists**.

EAGE Presentations:

6. Hamidi, R., Ghosh, D., & **Bashir, Y.** (2018, December). A New Approach To Fractured Damage Zone Evaluation Using Wavelet Transform And Variance Attribute. In *EAGE Conference on Reservoir Geoscience 2018*.

7. **Bashir, Y.,** Ghosh, D., & Sum, C. W. (2015, April). Detection of Fault and Fracture using Seismic Diffraction and Behavior of Diffraction Hyperbola with Velocity and Time. In *Seismic Driven Reservoir Characterization and Production Management*.

IPTC, SPE, PGCE, NGC, & ADNOC (Index Presentations):

8. **Bashir, Y.,** Mousavi Alashloo, S. Y., Latiff, A., Halim, A., Mahgoub, M., Hermana, M., & Ghosh, D. (2020, January). Seismic Wave Features in Anisotropic Modeling and Effects in Imaging Complex Subsurface Structure. In *International Petroleum Technology Conference*. International Petroleum Technology Conference.
9. **Bashir, Y.,** Latif, A., Halim, A., Rezaei, S., Mahgoub, M., Moussavi Alashloo, S. Y., ... & Weng Sum, C. (2019, November). Seismic Diffraction Imaging in Laterally Varying Velocity Media for Frequency Bandwidth Expansion-Application in Carbonate Field Sarawak, Malaysia. In *Abu Dhabi International Petroleum Exhibition & Conference*. Society of Petroleum Engineers.
10. **Bashir, Y.,** Babasafari, A. A., Biswas. (2019, March). Cohesive Approach for High-Resolution Seismic Using Inversion & Imaging in Malaysian Carbonate Field. In *International Petroleum Technology Conference*. International Petroleum Technology Conference.
11. **Bashir, Y.,** Ghosh, D. P. Alashloo, S. M, (2018). Enhanced Depth Imaging for Subsurface Faults, Fracture and Karst: Application in Malaysian Carbonate field. (NGC-2018) Malaysia.
12. **Bashir, Y.,** Ghosh, D., & Sum, C. (2017). A New Algorithm for High-resolution Diffraction Imaging. In APGCE, Kuala Lumpur
13. **Bashir, Y,** Ghosh DP, Moussavi Alashloo SY, Sum CW. "Seismic Modeling and Imaging Using Wave Theory for Fault and Fracture Identification". In Offshore Technology Conference Asia 2016 Mar 22. Offshore Technology Conference.
14. **Bashir, Y.,** Ghosh, D.P., Janjuah, H.M., Sum, C.W., 2017. Diffraction Enhancement through Pre-image Processing: Applications on Field Data Sarawak Basin. International Congress on Earth Sciences (ICES) Brunei 2017.
15. Moussavi Alashloo, S. Y., Ghosh, D., & **Bashir, Y**. (2018, March). Least-Squares Reverse Time Migration Using Generalised Diffraction-Stack Imaging Condition. In *Offshore Technology Conference Asia*. Offshore Technology Conference.

Public Talk:0--

1. "**Seismic Imaging Concepts & Demonstration in Python**" provided workshop training during an international summer workshop in UTP (Nov-2019).
2. "**Concept & application of Seismic Imaging in 3D**" a summary of course was given in CSI/UTP to the Geoscience community (Dec-2019).
3. "**Influence Of Seismic Wave Modeling On High-Resolution Subsurface Imaging For Complex Structures**" 31 May- 2 June 2021, EGYPT International Exhibition Center Cairo, Egypt

Teaching:

- Solid Earth Geophysics
- Geophysical Methods, Gravity, Magnetic and Seismic
- Seismic Reflection Data Processing
- Geophysical Data interpretation
- Seismic attributes
- Amplitude Interpretation

Research Grants Secured and On-going Projects:

Research Grant: Key person for Local and International Grant

(Total: USD 3.1 Million)
- o PETRONAS project and Deliverable. Technology Readiness Level (TRL) Presenter (TRL-4 Approved) 2018
- o Fractured Basement imaging (PRF) (2013-2016: USD: 2 Million)
- o Subsurface Seismic Diffraction Imaging (PETRONAS) (2016-18 : USD 150 k)
- o 4D Time-Lapse for Carbonate Declining fields (ADNOC, UAE) (2019-22: USD. 500 k)
- o True amplitude 3D least-squares migration (PETRONAS)(2020-22 : USD. 150 k)
- o Ray tracing by wavefront 3-D, anisotropic media (PETRONAS)(2020-22: USD. 150 k)
- o Seismic Diffraction Enhancement for High-resolution. (USM) (2020-22: USD. 15 k)

On-going MSc and Ph.D. research project:
- o Writing Seismic Wave modeling & imaging book (Springer book)
- o Time-lapse 4D Reservoir Surveillance with Emphasis on Malaysian Declining Fields.
- o Anisotropic Seismic Diffraction Modeling & Imaging
- o Cohesive approach for Seismic Imaging using Inversion and Seismic Diffractions
- o Diffraction imaging in case of Laterally varying velocity
- o 2D and 3D Interpretation for Static Modeling (Schlumberger Petrel)
- o Seismic anisotropy imaging (Madagascar, MatLab)
- o Seismic processing & Migration (Omega software)
- o Quantitative Interpretation (HumpsonRussel CGG)
- o Seismic Modeling, Imaging & interpretation for Petroleum Expo.
  - • Low-rank Modeling and Finite Difference Modeling
  - • Seismic Diffraction and Reflection Imaging
  - • Structural Interpretation for Prospect Evaluation
  - • Seismic Inversion for Lithology Prediction
  - • Attribute for Geo-body extraction

Supervision

Ph.D. Supervision:

1. Mohamed Abdelghany Mohamed Mahgoub, 2020, Doctor of Philosophy, Research - Full Time, Time Lapse 4D Seismic on Declining Carbonate Reservoirs., Main Supervisor.On-Going
2. Qazi Sohail Imran, 2020, Doctor of Philosophy, Research - Full time, seismic inversion study for reservoir delineation and description., Co-Supervisor, Universiti Teknologi PETRONAS, Malaysia. On-Going

MSc Supervision:

1. Agha Musa Bashir S Mustafa, Seismic interpretation and remote sensing for basin analaysis. Status: Completed
2. Astadilla Binti Mohd Zamri, Seismic attributes analaysis for stratigraphic interpretation. Status: Completed
3. Alyaa_Nadhira_Binti_Salleh - Msc, Soil Dynamic Properties Assessment Using Geophysical Methods
Status: On-going

BSc Supervision:

1. Muhammad Azizul Bin Anuwar, 2020, Industrial Training, Structural interpretation from 3D seismic data using attributes: Application in Offshore, Nova Scotia, Main Supervisor, Completed
2. Nurul Ain Binti Asmadi, 2020, Industrial Training, 3D Seismic interpretation, and prospect maturation: Application in Offshore, North Sea, Main Supervisor, Completed
3. Nurul Izzah Binti Kushairi, 2020-2021, Seismic reflection data processing for High-resolution Subsurface Structure Interpretation, Main Supervisor, On-going
4. Siti Nur Syahira Binti Mohamad Zalina, 2020-2021, Seismic reflection data processing for High-resolution Subsurface Structure Interpretation, Main Supervisor, On-going
5. Muhammad Aiman Bin Iskandar, 2020-2021, 3D Seismic Interpretation for prospect maturation: Application in Offshore, North Sea, Main Supervisor, On-going
6. Muhammad Firdaus Bin Abdullah, 2020-2021, 3D Seismic Interpretation for prospect maturation: Application in Offshore, North Sea, Main Supervisor, On-going

Examiners

Masters students
1. Alyaa Nadhira Binti Salleh
2. Thivyaadarshini A/P Jayasangar

Ph.D Students
1. Rauff Kazeem Olukunle
2. Muhammad Taqiuddin Bin Zakaria