

Bruce Alison

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Summary

International Geophysical/Geomodelling Consultant. 30+ years geophysical experience, 15+ years geomodelling experience. Kuala Lumpur based with RP(T) Visa (2031 expiry).

Malaysian Experience (22 years): PM operations: Talisman, Carigali Hess, and Lundin. Static modelling in MTJDA, PM-3, and Bertam. Exploration/New Ventures. Sabah operations: Talisman, prospect generation, modelling, seismic sequence stratigraphy. Sarawak operations: Murphy with multiple oil discoveries.

Specialties: Geophysics, Static Modelling, Green/Brown Field Development, Prospect Generation, Exploration, New Ventures, Asset evaluation, Seismic AI.

Experience

NS Consulting Geophysicist/Geomodeller

Neutron Soup

Feb 2021 - Present (5 years)

Neutron Soup Sdn Bhd provides specialist geotechnical support (geophysical, geological, static modelling) to licensed operators and service providers in the oil and gas industry. Areas of expertise include Bid Rounds, Asset evaluation, Prospect Generation, Exploration, Green Fields development, Brown Fields optimization, decommissioning support, and staff training.

Recent projects:

Seismic sequence stratigraphic study north half of the Sabah basin, Malaysia.

Seismic sequence stratigraphic study, North Luconia, Malaysia

Brown Field reservoir compartmentalization study/static modelling, Sarawak Basin

Brown Field development and static modelling Malay Basin.

Fractured Basement Reservoir Study, Indonesia.

CCS Risk Assessment study, North Sea.

Proprietary Geomorphology extraction using Python/Julia AI algorithms

Data Room Set Up

TAMARIND Consulting Geophysicist/Geomodeller

Tamarind Resources

Nov 2016 - Apr 2020 (3 years 6 months)

Static models for 3 fields. Core technical work on farmins, brown fields, and corporate acquisition opportunities.

Consulting Geophysicist/Geomodeller

Lundin

Jul 2015 - Oct 2016 (1 year 4 months)

Bertam Field Development- Static modelling. Geophysics Static Corrections to reduce uncertainty on structure. New infill drilling campaign initiated in 2019.



Consulting Geophysicist/Geomodeller

Talisman Energy

Aug 2010 - May 2015 (4 years 10 months)

PM /Sabah/Sarawak Prospect Generation and New Ventures. Proved stratigraphic trapping in PM-3. Generated prospects which led to 3 wells drilled in Sabah. Three static models made to support activities in PM Basin. Participated in a commercial acquisition evaluation.



Consulting Geophysicist/Geomodeller

Carigali Hess Operating Company Sdn Bhd

Mar 2007 - Feb 2010 (3 years)

Geomodel construction for Bumi Deep HPHT reservoirs. Planned locations for upcoming HPHT drilling campaign. Created static modelling techniques to mitigate shallow gas effects. Built regional pressure model to confirm stratigraphic trapping mechanism.



Consulting Geophysicist

Murphy Oil Corporation

Aug 2004 - Feb 2007 (2 years 7 months)

Exploration/Small Field appraisal, Sarawak (drilled 8 wells, 3 oil field discoveries, one well tested +6000 bopd, 50 mmbo). Regional sequence stratigraphic interpretation and basin analysis, Sarawak.



Consulting Geophysicist

PETRONAS

Feb 2004 - Aug 2004 (7 months)

Prospect generation, Douala Basin, Cameroon; Agadem Basin, Niger. Mentoring of national staff.



Team Leader, New Opportunities

Hocol

Oct 1998 - Jun 1999 (9 months)

Bogota based. New business opportunities (upstream and downstream).



Senior Geophysicist

BHP

Feb 1991 - Aug 1998 (7 years 7 months)

Regional play type analysis and gazettal evaluation Australia and opportunity generation South East Asia. Resulted in the submission of multiple winning bids in the 1998 Australian acreage gazettal and the drilling of the Argus gas discovery (4+ Tcf).

Opened BHPP's office in Islamabad. Promoted BHPP activities, developed Government and Industry contacts, and was responsible for bid submission and subsequent negotiations. Was instrumental in acquiring three exploration licenses which led to the discovery of the currently producing Dadu gas field (2+ Tcf).

New Business Development, Vietnam, based in Ho Chi Minh City. Geophysicist for exploration activities and farmin evaluations. Support for Dai Hung Field Development.

USSR Search Team. Basin analysis. Evaluated business opportunities, represented BHPP to Russian Government and Scientific Organizations. Extensive travel in country, worked with minimal support, under harsh conditions.

Senior Geophysicist

Amoco Production Company

May 1980 - Jan 1991 (10 years 9 months)

Prospect generation and exploration operations in Colombia, Indonesia, Australia, New Zealand, Guatemala, Trinidad, and Canada. Developed Cassia Gas Field, Trinidad, 1981, Amoco International's first successful 3D seismic.

Designed, acquired (onsite field rep), and processed 2D and 3D seismic surveys in Irian Jaya, Guatemala, Java Sea, Trinidad and the UAE.

Education



University of New Brunswick

Bachelor of Sciences, Honors Physics