BLACKBiRD
FOR TRAINING

Applied Deep-Water Sedimentology and Stratigraphy

Paris (France)

17 - 21 February 2025

UK Traininig
PARTNER

Applied Deep-Water Sedimentology and Stratigraphy

Code: OG28 From: 17 - 21 February 2025 City: Paris (France) Fees: 5100 Pound

Introduction

This course provides an in-depth exploration of the latest advancements in deep-water sedimentology and stratigraphy, with a focus on practical applications for the energy, mining, and environmental sectors. Participants will gain a comprehensive understanding of the processes, products, and implications of deep-water depositional systems, equipping them with the knowledge and tools to effectively explore, develop, and manage resources in these complex geological settings.

Objectives

- Demonstrate a thorough understanding of the key principles and concepts underpinning deep-water sedimentology and stratigraphy.
- Analyze and interpret the sedimentary facies, architectural elements, and depositional environments associated with deep-water depositional systems.
- Integrate deep-water sedimentological and stratigraphic data with other geological, geophysical, and engineering information to develop robust exploration and development models.
- Apply advanced techniques and technologies, such as seismic interpretation, core analysis, and numerical modeling, to characterize deep-water reservoirs and depositional systems.
- Recognize and mitigate the unique challenges and risks associated with deep-water exploration and development projects.
- Effectively communicate deep-water sedimentological and stratigraphic concepts to multidisciplinary teams and stakeholders.

Course Outline

Day 1: Introduction to Deep-Water Sedimentology and Stratigraphy

- Overview of deep-water depositional environments and processes.
- Tectonic and paleoceanographic controls on deep-water sedimentation.
- Principles of deep-water facies analysis and architectural element recognition.

Day 2: Deep-Water Clastic Depositional Systems

- Turbidity currents and associated deposits e.g., turbidites, debris flows, hybrid beds.
- Submarine fans and their stratigraphic evolution.
- Channel-levee complexes, crevasse splays, and overbank deposits.

Day 3: Deep-Water Carbonate Depositional Systems

- Carbonate factory and platform-to-basin transitions.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

- Slope and basin-floor carbonate depositional processes and facies.
- Contourite drifts, bottom currents, and associated deposits.

Day 4: Integrating Deep-Water Data and Interpretations

- Seismic facies analysis and seismic geomorphology.
- Core analysis, well logs, and integrated reservoir characterization.
- Numerical modeling of deep-water depositional systems.

Day 5: Applications and Case Studies

- Exploration and development of deep-water hydrocarbon reservoirs.
- Deep-sea mining and seafloor massive sulfide deposits.
- Deep-water environmental monitoring and habitat assessment.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

Europe

Copenhagen (Denmark)	Sarajevo (Bosnia and Herzegovina) Malaga (Spain)	Cascais (Portugal)
Glasgow (Scotland)	Edinburgh (UK)	

Oslo (Norway) — Annecy (France) — Bordeax (France) — Birmingham (UK) — Lyon (France) — Moscow (Russia)

Stockholm (Sweden) (Netherlands) — Podgorica (Montenegro) — Batumi (Georgia) — London (UK) — Istanbul (Turkey) — Amsterdam

Düsseldorf (Germany) — Paris (France) — Barcelona (Spain) — Munich (Germany) — Geneva (Switzerland) — Prague (Czech)

Vienna (Austria) — Rome (Italy) — Brussels (Belgium) — Madrid (Spain) — Berlin (Germany) — Lisbon (Portugal)

Zurich (Switzerland) — Manchester (UK) — Milan (Italy)

USA & Canada

Los Angeles (USA) — Florida (USA) — Online — Phoenix (USA) — Texas (USA) — Boston (USA)

Washington (USA) — Miami(USA) — New York (USA) — Seattle (USA) — Toronto (Canada)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

Asia

Baku (Azerbaijan)

Maldives (Maldives)

Manila (Philippines)

Bali (Indonesia)

Bangkok (Thailand)

Beijing (China)

Singapore (Singapore) (Kuwait)

Sydney (Australia)

Tokyo (Japan)

Dubai (UAE)

Kuala Lumpur (Malaysia)

Kuwait City

Jakarta (Indonesia)

Amman (Jordan)

Africa

Kigali (Rwanda)

Cape Town (South Africa)

Accra (Ghana)

Lagos (Nigeria)

Marrakesh (Morocco)

Nairobi (Kenya)

Zanzibar (Tanzania)

Cairo (Egypt)

Sharm El-Sheikh (Egypt)

Casablanca (Morocco)

Tunis (Tunisia)

UK Trainnig
PARTNER

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Clients

MANNAI CORPORATION MANNAI Trading Company WLL, **Qatar**	**GAC** UNE FILIALE D'EGA Alumina Corporation **Guinea**	**B. Booking.com** Booking.com **Netherlands**	**OXFAM** Oxfam GB International Organization, **Yemen**	**Capital Markets Authority** Capital Markets Authority, **Kuwait**
WS Waltersmith Petroman Oil Limited **Nigeria**	**QNB** Qatar National Bank (QNB), **Qatar**	**Qatar Foundation** Qatar Foundation, **Qatar**	**AFRICAN UNION ADVISORY BOARD ON CORRUPTION, Tanzania**	**KFAS** KFAS **Kuwait**
Reserve Bank of Malawi, **Malawi**	Central Bank of Nigeria **Nigeria**	**Ministry of Interior** Kingdom of Saudi Arabia Ministry of Interior, **KSA**	**Mabruk** Oil Operations Mabruk Oil Company **Libya**	**Saudi Electricity Company** Saudi Electricity Company, **KSA**
BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, **Indonesia**	**NATO** **Italy**	**eni** ENI CORPORATE UNIVERSITY, **Italy**	**GULF BANK** Gulf Bank **Kuwait**	General Organization for Social Insurance General Organization for Social Insurance **KSA**
Defence Space Administraion **Nigeria**	National Industries Group (Holding), **Kuwait**	**Hamad Medical Corporation** Hamad Medical Corporation, **Qatar**	**USAID** USAID **Pakistan**	**STC** STC Solutions, **KSA**
N North Oil Company North Oil company,	**EKEDC** EKO Electricity	**oman BROADBAND** Oman Broadband	**UNITED NATIONS** UN.	AUTHORITY FOR ELECTRICITY REGULATOR, OMAN Authority for

UK Traininig
PARTNER

Blackbird Training Categories

Management & Admin	Technical Courses
Professional Skills	Hospital Management
Finance, Accounting, Budgeting	Public Sector
Media & Public Relations	Special Workshops
Project Management	Oil & Gas Engineering
Human Resources	Telecom Engineering
Audit & Quality Assurance	IT & IT Engineering
Marketing, Sales, Customer Service	Health & Safety
Secretary & Admin	Law and Contract Management
Supply Chain & Logistics	Customs & Safety
Management & Leadership	Aviation
Agile and Elevation	C-Suite Training

International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

+44 7401 1773 35
+44 7480 775526

Sales@blackbird-training.com

www.blackbird-training.com

UK Trainig
PARTNER

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com