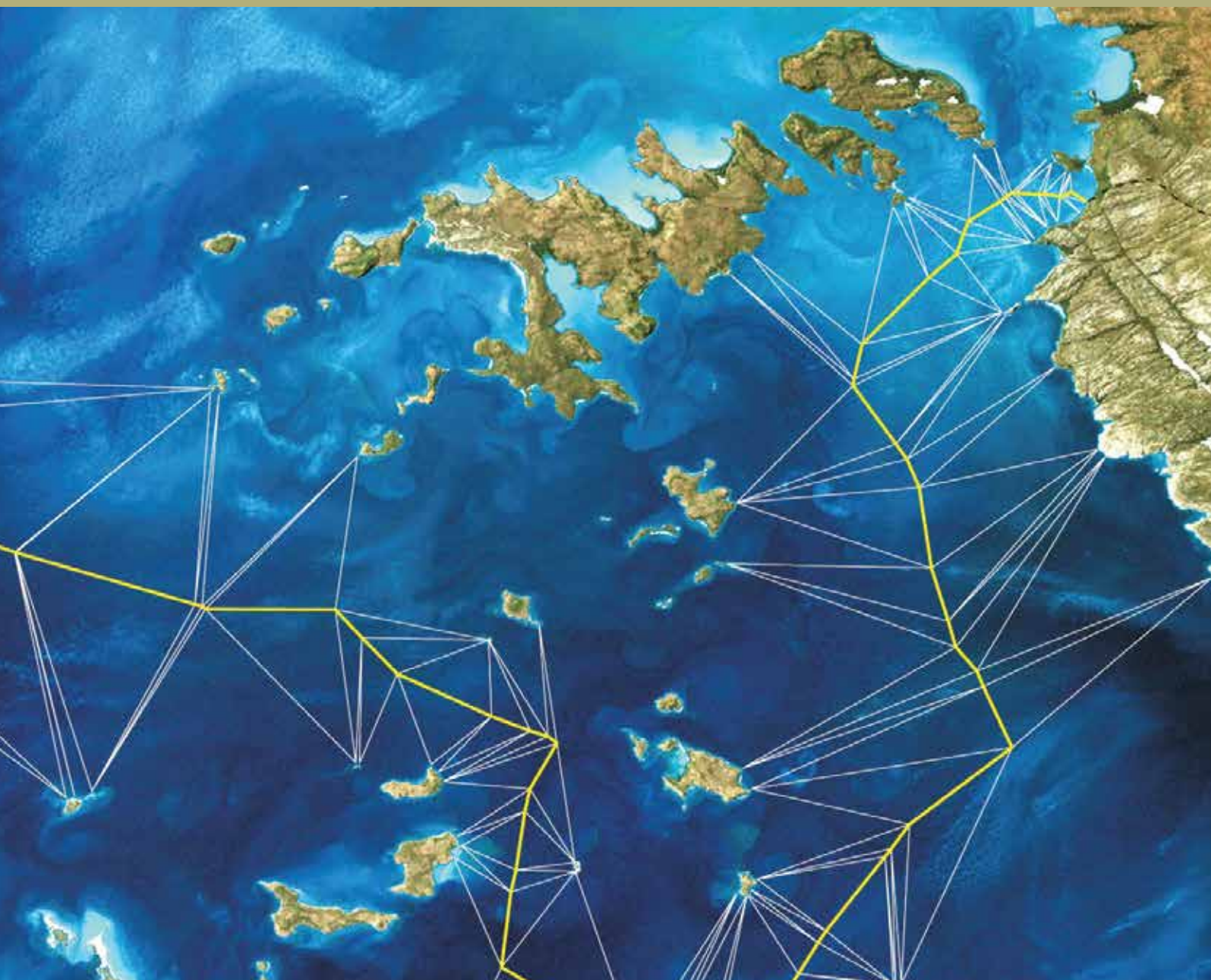


Training Workshop Programme 2023

Introduction to Technical Aspects of Maritime Boundary Delimitation

11 – 13 September 2023

Durham, UK



Providing non-technicians with a hands-on introduction to the concepts and tools involved in defining a maritime boundary with geographical precision.



INTRODUCTION

Maritime boundary delimitation may be primarily a political and legal process, but almost every stage of the process requires decisions about geographical and technical issues. Most governments employ technical experts to assist with the definition of the boundary, but that does not mean that diplomats and lawyers can ignore technical issues. Just as it is important for technical experts to be familiar with the legal principles of maritime boundary delimitation, negotiators will be much more likely to achieve a successful outcome if they understand how boundaries are constructed and how they are defined from a technical perspective.

The purpose of this workshop is to provide non-technicians with a hands-on introduction to the concepts and tools involved in defining a maritime boundary with geographical precision. Combining lectures and practical exercises, the workshop will enhance your analytical skills and help you to avoid creating a technically deficient boundary.

No prior technical knowledge is required and scientific jargon will be kept to a minimum

Who should attend?

- Legal Advisors
- Pipeline and cable planners
- Diplomats
- EEZ contractors
- Researcher & consultants
- Fisheries managers
- Energy officials
- Boundary commissioners
- Exploration and production managers

TUTORS



Dr Robin Cleverly, Director, Marbdy Consulting Ltd, works as a consultant supplying expert technical advice in the field of maritime boundary delimitation, particularly dispute resolution, principally to governments and law firms. This follows 20 years as an exploration geologist in the oil industry, and over 20 years working in the specialised field of maritime boundaries, including being Head of the Law of the Sea Group at the UK Hydrographic Office. Robin has worked extensively on international boundary cases at the ICJ, ITLOS and Annex VII tribunals and has been a member of one of the legal teams for nearly all the maritime boundary cases over the last 25 years. Robin provides technical advice, field surveys, geographic calculations and analysis, and maps and illustrations for written and oral pleadings. He has also advised governments in many land and maritime boundary negotiations. Robin was a member of the UK delegation for the UK's four outer continental shelf submissions to the CLCS, and of the Nicaraguan team for its submission. He also advises governments on issues concerned with oil resource distribution, joint development zones, and delimitation and delineation of the outer continental shelf.



Mr Coalter Lathrop, Principal, Sovereign Geographic, is an expert in the legal and geographic aspects of boundary delimitation. Coalter assists government clients in the peaceful resolution of boundary disputes both through negotiation and in litigation before the International Court of Justice, the International Tribunal for the Law of the Sea, and *ad hoc* tribunals. He has also assisted coastal states with their submissions to the Commission on the Limits of the Continental Shelf. Coalter holds a J.D. and LL.M. in International and Comparative Law from Duke University School of Law, a master's degree in ocean policy from the University of Washington and a B.A. from Duke University. Coalter has published widely in leading international law journals and, since 2012, has acted as editor of the American Society of International Law's acclaimed series *International Maritime Boundaries*.



Professor Martin Pratt, Director, Bordermap Consulting, is an internationally-respected expert in boundary-making, border management and territorial dispute resolution, with over twenty years' experience working with governments, international organisations, businesses, scholars and practitioners around the world to resolve and prevent boundary-related conflict. He has extensive practical experience in maritime boundary negotiations and third-party adjudication of boundary and sovereignty disputes, most recently serving as a technical advisor to Côte d'Ivoire in the *Dispute concerning delimitation of the maritime boundary between Ghana and Côte d'Ivoire in the Atlantic Ocean* before a Special Chamber of the International Tribunal for the Law of the Sea. Martin worked at IBRU from 1994-2015, leading the Centre's consultancy and professional training programmes for over a decade, and he remains an Honorary Professor in Geography at Durham University



Professor Clive Schofield, Head of Research, WMU-Sasakawa Global Ocean Institute, World Maritime University (WMU), Malmö, Sweden, Professor Clive Schofield, Head of Research, WMU-Sasakawa Global Ocean Institute, World Maritime University (WMU), Malmö, Sweden was previously Director of Research at the Australian Centre for Ocean Resources and Security (ANCORS), University of Wollongong (UOW), Australia and Leader of the Sustaining Oceans and Coastal Communities research theme within the UOW Global Challenges Program. Clive is a maritime geographer and international legal scholar whose research interests relate to maritime jurisdictional aspects of the law of the sea, the determination of baselines along the coast in an era of sea level rise, the delineation of the limits to maritime claims and maritime boundary delimitation. Clive's current research focuses on geo-legal and geo-technical aspects of maritime boundary and security issues. He has published over 200 publications including 23 books and monographs (including edited works) on these issues. Clive is a member of the International Law Association's Committee on International Law and Sea Level Rise and serves as an International Hydrographic Office (IHO)-nominated Observer on the Advisory Board on the Law of the Sea (ABLOS). He has also been directly involved in the peaceful settlement of boundary and territory disputes, providing advice and research support to governments engaged in boundary negotiations. He has been involved in four boundary dispute settlement cases before the International Court of Justice (ICJ) and has been appointed as a Peacebuilding Adviser on behalf of the United Nations and World Bank. Additionally, he served as an independent expert witness in the 2016 international arbitration case between the Philippines and China.

PROGRAMME

Monday 11 September	0830-0900	Registration and coach to Durham Business School
	0900-0945	Introduction <ul style="list-style-type: none"> A quick review of the law of maritime delimitation Maritime jurisdiction and boundaries: the global state of play
	0945-1045	Do you know where you are? A beginners guide to geodesy and coordinate systems <ul style="list-style-type: none"> Modelling the earth Coordinates & datums Map projections
	1045-1115	<i>Refreshments</i>
	1115-1300	Baselines <ul style="list-style-type: none"> The normal baseline Vertical datums and charts as a source of baseline data Straight baselines and closing lines Baselines and sea-level change
	1300-1400	<i>Lunch</i>
	1400-1515	Practical exercise: Charts and baselines
	1515-1545	<i>Refreshments</i>
Tuesday 12 September	0900-0945	Generating maritime limits <ul style="list-style-type: none"> Maritime limits from normal and straight baselines Basepoints for different maritime zones
	0945-1100	Equidistance lines <ul style="list-style-type: none"> Conceptualising equidistance Graphical construction of an equidistance line: value and limitations Software tools for constructing an equidistance line Connecting turning points: geodesics, loxodromes and other 'straight' lines Comparing equidistance between normal and straight baselines
	1100-1130	<i>Refreshments</i>
	1130-1300	Practical exercise: Constructing an equidistance line
	1300-1400	<i>Lunch</i>
	1400-1500	Modifying equidistance <ul style="list-style-type: none"> Classical reduced effect Weighted equidistance Simplifying an equidistance line
	1530-1600	<i>Refreshments</i>
	1600-1700	Relevant coasts, relevant areas and coastline length <ul style="list-style-type: none"> Identifying relevant coasts and relevant areas The challenge of measuring coastline length
1900	<i>Dinner</i>	
Wednesday 13 September	0900-1000	Technical Support in boundary negotiations and third-party settlement <ul style="list-style-type: none"> The role of the technical expert in a team Technical requirements in boundary agreements Presenting technical information
	1000-1100	Technical aspects of delimitation beyond 200M <ul style="list-style-type: none"> Identifying the outer limit of the continental shelf Should geology and geomorphology play a role in delimitation beyond 200M?
	1100-1130	<i>Refreshments</i>
	1130-1230	Group discussion/round table Possible topics: <ul style="list-style-type: none"> Technical perspectives on the 3 stage approach to delimitation The value of technical transparency and cooperation Datasets and other technical resources for maritime delimitation
	1230-1300	Wrap Up
	1300	<i>Lunch</i>
	1400-1500	<i>Tour of Durham Cathedral (time to be confirmed)</i>

What will it cost?

The cost of the workshop will be **£2,730** per participant. Fees include VAT of 20% and 3 nights of accommodation at the Durham Marriott hotel.

Payment can only be accepted in GBP sterling, however, we are able to accept payment by most major credit and debit cards.

Full payment **MUST** be received prior to the workshop to guarantee the booking. If full payment is not received before the deadline date of **11 August 2023** any provisional places booked will be removed.

Bookings made after 11 August will only be guaranteed with payment in full and if places are still available.

In addition to tuition and all course materials, the fees cover the following:

- Accommodation in a single en-suite room at Durham Marriott Hotel for the nights of Sunday 10th, Monday 11th, and Tuesday 12th September
- Evening dinner on Tuesday 12th September
- Breakfast, lunch and refreshment breaks on 11th, 12th and 13th September
- Tour of Durham Cathedral on Wednesday 13th September

The Venue

The workshop will take place at **Durham Business School**.
<https://www.durham.ac.uk/business/>

The Business School is located on the outskirts of Durham City and is part of Durham University. All three days of the workshop teaching will take place here.

A bus will take you each morning from the Marriott Hotel accommodation to the Business School and return you to the hotel every evening.

Workshop Bed and Breakfast Accommodation

The workshop accommodation will be at The Marriott Hotel in Durham City Centre.

The fee includes 3 nights of accommodation from Sunday 10th September.

Accommodation for additional nights can be booked at additional cost. To book additional nights you must contact the hotel directly to make a booking.

The Durham Marriott Hotel Royal County first opened its doors in 1815 and, to this day, sits at the heart of the vibrant city of Durham. Situated on the banks of the River Wear, the hotel is steeped in rich history, has hosted royalty and offers sensational views of the famous Durham Castle and Cathedral.

Find out more about the hotel:

<https://www.marriott.com/en-us/hotels/xvudm-durham-marriott-hotel-royal-county/overview/>



How to book

Places are limited and early booking is highly recommended:

1. Contact the IBRU Team or complete the online booking form at:
<https://www.durham.ac.uk/research/institutes-and-centres/ibru-borders-research/training-and-workshops/professional-training-workshops/>
2. Acknowledgement of the provisional booking will be sent by email with information on how to pay.
3. If payment is not received by the deadline specified, the reserved place will be cancelled and your booking removed to a waiting list. Your place will only be confirmed when payment is received and if a place is still available.

Additional information

Venue and Location

Workshop accommodation will be based at the Durham Marriott Hotel which is in Durham City Centre.

Durham is located in the North East of England about 250 miles north of London. It lies on main road and rail lines between London and Edinburgh and nearby airports offer connections to London Heathrow, Paris and Amsterdam.

Travel

You are expected to organise your own travel arrangements to Durham. Please be aware that if you require a visa to visit the United Kingdom, you will be required to apply for your own visa for entry in to the country. Please allow enough time for your visa to be processed before the start of the workshop. Letter on invitation can be provided to support your visa application.

Language

Teaching and workshop materials will be in English. We regret that we are unable to provide translation or interpreting services.

Cancellations

Cancellations must be received in writing not later than the 1 September 2023 and will be subject to a £250 cancellation fee, unless a substitute participant is offered. After this date the full registration fee will be charged for all cancellations.

Programme Changes

IBRU reserves the right to modify the programme as necessary without notice to participants.



Cover Image: Construction of a median line using CARIS LOTS software

Contact Information

If you have any questions about the workshop please contact the IBRU Events Team.

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