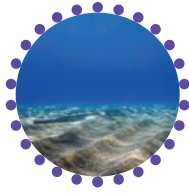


ICPC ACHIEVEMENTS



at-a-glance
roadmap



history and
timeline



library and
publications



outreach to and education of
key stakeholders



engagement on law and policy with
governments and treaty bodies



scientific
research



webinars, workshops and
conferences

The ICPC has more than **215 MEMBERS** from over **70 COUNTRIES** and its **ACHIEVEMENTS** and **ACTIVITIES** advance the organisation towards its **VISION:**

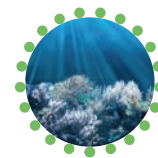
The ICPC envisions a global network of reliable and resilient submarine cables that coexist with the marine environment.



International Cable Protection Committee
represents

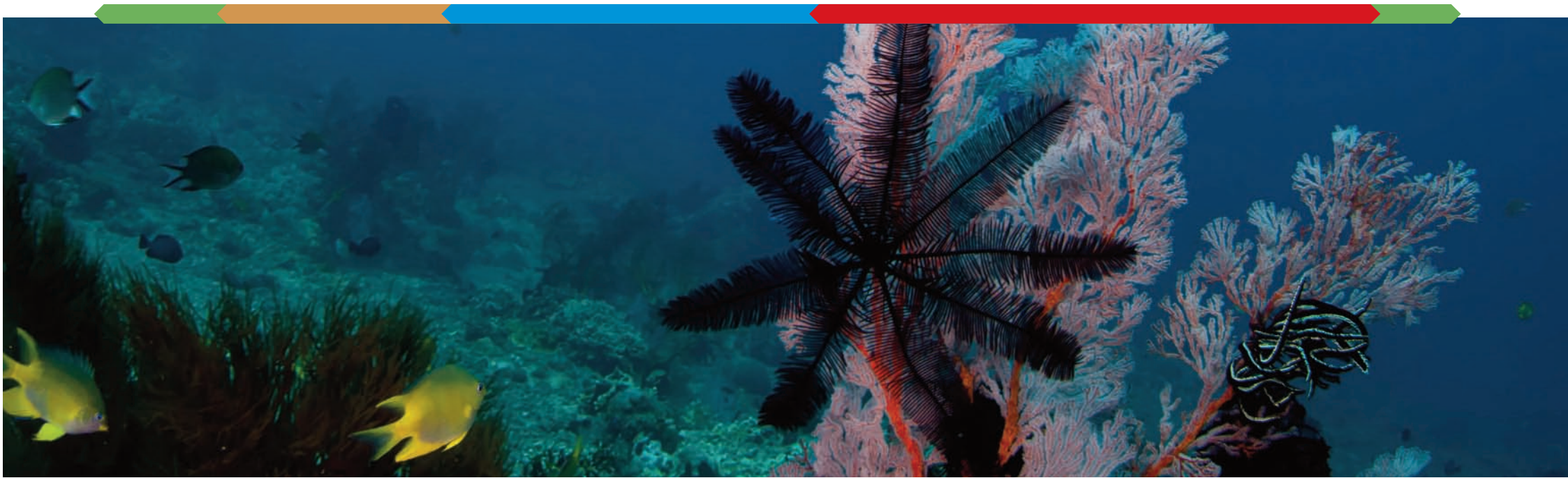
98%

of the world's
subsea telecom cables



International Cable Protection Committee also represents:

- ➔ Most cable ships that lay and repair submarine cables.
- ➔ A great number of leading international HVDC power cable operators/owners and manufacturers.



at-a-glance *roadmap*

ICPC CORE FUNCTIONS

- Outreach and engagement with governments, international organisations, and other users of the ocean and seabed
- Development of ICPC Recommendations and best practices
- Protection and development of treaty protections and freedoms
- Publications and newsletters
- Annual Plenary and Member engagement
- Cable films
- Notifications of cable laying and recovery
- Promotion of environmental research regarding submarine telecommunications and power cables
- Liaison with regional cable protection committees

ICPC PRIORITY ISSUES

- Protection of submarine cables from natural and human risks of damage
- Reduction of permitting times and regulatory restrictions (including cabotage) for new cable builds and repairs
- Protection of submarine cables from uncoordinated deep seabed mining
- Preservation of treaty protections and freedoms in new treaty for Biodiversity Beyond National Jurisdiction (BBNJ)
- Cable security
- Charting of submarine cables—particularly in mining areas

ICPC WORKING GROUPS

- Affiliations
- Biodiversity Beyond National Jurisdiction (BBNJ)
- Business Plan
- Cable Materials
- Charting
- Fish Aggregation Device
- Media & Public Relations
- Recommendations Steering Group
- Mining
- Sensing

RESEARCH & MONITORING

- Environmental research
- Submarine cable permitting times database
- Legal developments: treaties, tribunal and court decisions, and national legislation

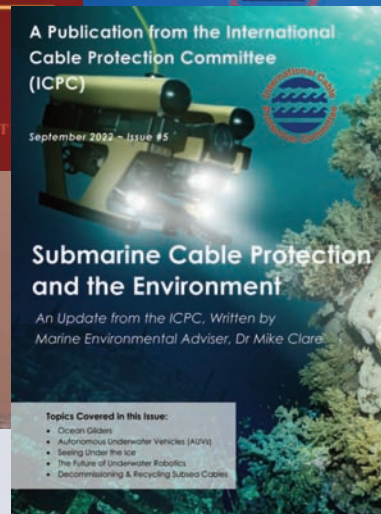
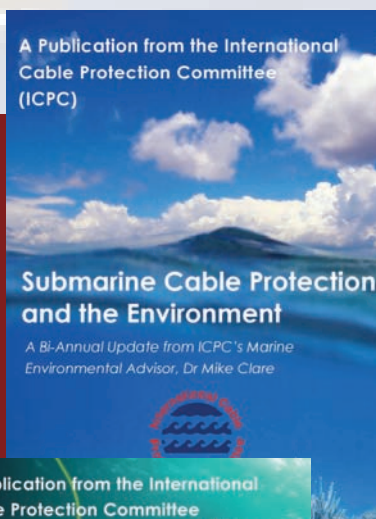
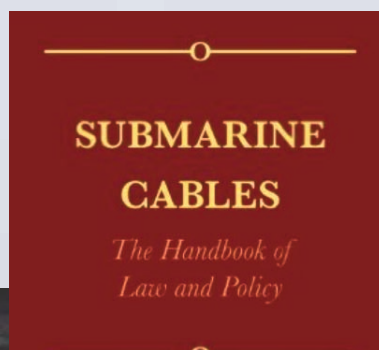
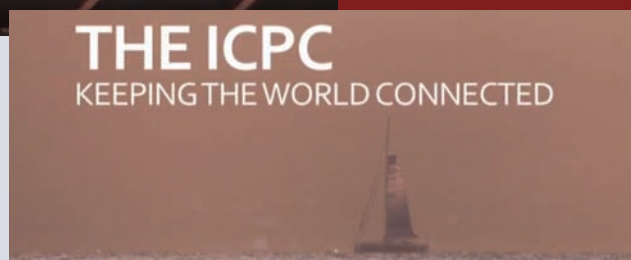
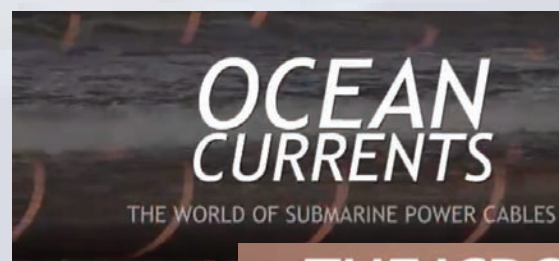
OUTREACH & LIAISON

- UN Office on Drugs and Crime (UNODC), Maritime Crime Programme
- U.N. Economic and Social Committee and UNCLOS (*United Nations Convention on the Law of the Sea*) Conference of Parties
- Governments—particularly Australia, China, European Union, France, Indonesia, Japan, Malaysia, New Zealand, Singapore, Sri Lanka, United States, and UK
- Regional organisations—particularly the Association of Southeast Asian Nations, Indian Ocean Commission (IOC) and U.N. Economic and Social Commission for Asia and the Pacific (ESCAP)
- Regional cable protection committees, including the European Submarine Cables Association (ESCA), North American Submarine Cable Association (NASCA), Danish Cable Protection Committee, and Oceania Submarine Cable Association (OSCA)
- Cable awareness initiatives, particularly in West Africa
- International Hydrographic Organization (IHO)
- Rhodes Academy of Oceans Law and Policy
- UN Environment Programme (UNEP)
- Oslo Paris Convention (OSPAR Commission)
- International Seabed Authority (ISA)
- National Oceanographic Centre (NOC)
- International Law Association Committee on Submarine Cables and Pipelines
- SubOptic
- Sargasso Sea Commission
- Academic and law of the sea scholars
- Environmental scientists





timeline and history



2010: ICPC opens up Membership to **GOVERNMENTS, SHIP OPERATORS, SYSTEM SUPPLIERS, and SURVEY COMPANIES**
ICPC AND ISA sign a mutual Memorandum of Understanding (MoU)
ICPC MEMBERSHIP LOBBY GOVERNMENTS to support UN approval of the *Omnibus Resolution on the Oceans and Law of the Sea*

2009: ICPC/UNEP **PUBLISHES** *Submarine cables and the oceans: connecting the world*

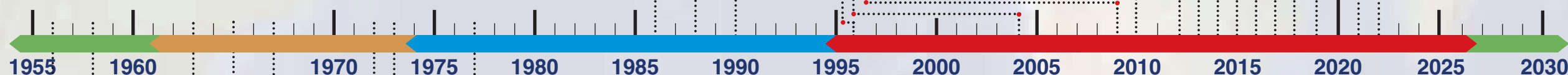
2004: First power cable operator joins the ICPC

1996: First long-haul self-healing submarine cable ring network installed:
(*TAT12/13* across the Atlantic, operating at 2 x 5 Gb/s)

1990: The Secretariat remained with BPO/British Telecom International continuously until 1990, until a part time **INDEPENDENT SECRETARY** was engaged

1988: First long-haul fibre-optic submarine cable system installed:
(*TAT8* across the Atlantic, operating at 280 Mb/s)

1986: First international fibre-optic submarine cable system installed:
(*UK-Belgium 5* operating at 140 Mb/s)



1977: The title '**EXECUTIVE**' for the Sub-committee was a firm decision of that year's Plenary meeting

1973: The first **ICPC VIDEO** is produced: *The Catch that Nobody Wants*

1972: The title "**PLENARY**" for the Main Committee first appeared

1965: First cable from New Jersey to France

1963: First cable from New Jersey to England

1958: **THE CABLE DAMAGE COMMITTEE** was established and Membership was open to **SUBMARINE CABLE OWNERS** and **OPERATORS**

1956: The first trans-Atlantic telephone cable, *TAT-1*, was laid

2023: ICPC Hosts Member-Only BBNJ Virtual Workshop
ICPC welcomes new Marine Biodiversity Treaty—Calls on all parties to promote regulatory certainty and network resilience
ICPC held its 62nd Plenary in Madrid, Spain

2022: ICPC issues its **5TH PUBLIC ISSUE** of *Submarine Cable Protection and the Environment*
ICPC is given an appreciation of advice award by the Indonesian Naval Hydro-Oceanography Center (**PUSHIDROSAL**)
ICPC and Rhodes Academy of Oceans Law and Policy Award selects recipient of the 2022 **SUBMARINE CABLES WRITING AWARD**

2021: ICPC publishes **BEST PRACTICES FOR GOVERNMENTS TO PROMOTE CABLE PROTECTION AND RESILIENCE OF SUBMARINE TELECOMMUNICATIONS CABLES**
Fish Aggregation Devices (FADs)-Risks to Submarine Cable Deployment and Operations, **BEST PRACTICES ANNEX** is published
ICPC participates in **CABLE RESILIENCE WORKSHOP** with UNODC and Indian Ocean Commission governments
ICPC launches YouTube Channel

2020: **ICPC LAUNCHES** its public issue of *Submarine Cable Protection and the Environment*
ICPC issues **CALL TO ACTION** urging governments and industry to facilitate and expedite cable installation and repair during COVID-19 pandemic
ICPC participates in **CABLE RESILIENCE WORKSHOPS** with **UNODC** and Sri Lankan government
ICPC participates in **MARITIME SECURITY WORKSHOP WITH UN COUNTERTERRORISM BODIES**

2019: ICPC participates in **BBNJ IGC NEGOTIATIONS**
ICPC participates in **UN ESCAP** roundtable on **TSUNAMI DETECTION AND WARNING**
ICPC participates in **UNODC-SRI LANKAN GOVERNMENT CABLE SECURITY WORKSHOP**

2018: ICPC celebrates 60 years—**DIAMOND JUBILEE PLENARY** in Cape Town
ICPC and ISA co-host **CABLE-MINING Workshop** in Bangkok, resulting in **ISA TECHNICAL STUDY 24**
ICPC AWARDED CONSULTATIVE STATUS AT THE UN as the first (and only) submarine cable organisation to participate
ICPC participates in **BBNJ IGC** negotiations
ICPC hosts **CABLE PROTECTION AWARENESS EVENT** in Nigeria
ICPC participates in **SYMPOSIUM ON MARITIME SECURITY** in Germany

2017: *The Cloud Beneath the Sea — International Submarine Cables and Biodiversity of Areas Beyond National Jurisdiction*, is **PUBLISHED**
ICPC co-hosts **CABLE-MINING WORKSHOP** in Qingdao, China

2016: **ICPC PANEL AT SUBOPTIC**
ICPC POWER CABLE VIDEO is released
ICPC AND IHO sign a mutual Memorandum of Understanding (MoU)
INAUGURAL WORKSHOP on HVDC power cables in the context of submarine cables and pipelines and the ABNJ

2015: **INAUGURAL WORKSHOP WITH ICPC** and the Coordinating Ministry for Maritime Affairs
ICPC AND SUBOPTIC sign a mutual Memorandum of Understanding (MoU)
ICPC AND ISA joint inaugural workshop is held
GHANA CABLE AWARENESS Workshop
SARGASSO SEA ALLIANCE workshop on cables in **ABNJ**

2014: *Submarine Cables—The Handbook of Law and Policy*
ICPC is granted observer status with **OSPAR**

2013: **ASSOCIATE CLASS** of ICPC Membership is created

2012: **ICPC VIDEO: Keeping the World Connected** is released

1967: The name was changed to the **INTERNATIONAL CABLE PROTECTION COMMITTEE (ICPC)**



library and *publications*



- **COMPILATION** of an **extensive, dedicated source** of international cable legislation, legal articles and cases, and a topic index of reported cases and rulings involving submarine cables—the **only such collection worldwide**.
- **COMPILATION** of a **very large source** of environmental information and data related to the installation, maintenance and protection of submarine cables.
- **UNIQUE DATA** available nowhere else. The *Global Comparison of Cable Repair Times* produced annually showing average repairs per year, average time to begin repair, and repair cause breakdown.

In 2021, the ICPC published *ICPC Government Best Practices for Cable Protection Resilience of Submarine Telecommunications Cables* in English, French and Spanish. The document assists governments in developing laws, policies, and practices to foster the development and protection of telecommunications cables—the infrastructure of the Internet. It has been downloaded over **5,300** times since publication. Best Practices Annex—*Fish Aggregation Devices (FADs)-Risks to Submarine Cable Deployment and Operations*, was also published to accompany the document.

library and *publications*



- The Spanish language version of the ICPC booklet, *Fishing and Submarine Cables Working Together* has been downloaded from the ICPC website over **1,740** times and the English language version has been downloaded over **16,750 times.**
- **ICPC RECOMMENDATIONS** on submarine cable industry best practices have been downloaded over **450 times since the launch in 2022 of its on-demand public downloads.** Currently there are **19 Recommendations** published which are available online.



The ICPC's educational presentations *About Submarine Telecommunications Cables* and *About Submarine Power Cables* have been downloaded over a combined **85,300** times.

- An Authoritative REFERENCE BOOK *Submarine Cables – The Handbook of Law and Policy* was published in 2013. The book includes 10 co-author contributions from Douglas R. Burnett, Prof. Lionel Carter and some ICPC Members. This book is the **only recognised authoritative legal** treatise published on submarine cables.

library and *publications*

- *ISA Technical Study 24* is published from the outcome of the joint ICPC/ISA 2018 workshop that was held in Bangkok, Thailand (2019)
- Monograph titled *International Submarine Cables and Biodiversity of Areas Beyond National Jurisdiction, The Cloud Beneath the Sea* by Douglas R. Burnett and Prof. Lionel Carter, Martinus Nijhoff Publishers, July 2017. This book provides a one-stop-shop of essential information relating to the international governance of submarine cables.
- *Submarine Cables and Deep Seabed Mining: Advancing Common Interests and Addressing UNCLOS 'Due Regard' Obligations, ISA Technical Study No. 14* (2015)
- Article titled *Sargasso Sea, Submarine Cables in the Sargasso Sea*, co-authored by Douglas R. Burnett and published in 'The International Journal of Marine and Coastal Law,' Vol. 30 No. 2 (June 2015)
- Article titled *Subsea Telecommunications* by Prof. Lionel Carter and Douglas R. Burnett submitted for publication in the 'Handbook of the Ocean Resources & Management' (2014)
- Public Service Review magazine: European Union: Issue 22 – *Opting for Optics* by Dean Veverka (former ICPC Chair)
- Proceedings [US Naval Institute] *Cable Vision* by Captain Douglas R. Burnett (2011)
- *Recovery of Cable Ship Repair Cost Damages from Third Parties That Injure Submarine Cables*, 35 Tulane Maritime Law Journal at 108 (2010)

A PEER-REVIEWED BOOK jointly compiled by the UNEP and the ICPC titled *Submarine Cables and the Oceans: Connecting the World*. The book has contributions from ICPC Members, cable industry associates, Prof. Lionel Carter, (former ICPC Marine Environmental Advisor) and Douglas R. Burnett, (former ICPC International Cable Law Adviser). From the ICPC website alone, the publication has been downloaded over **87,160** times.

outreach to and education of *key stakeholders*



ICPC HAS ESTABLISHED WORKING RELATIONSHIPS WITH:

- United Nations Environment Programme (**UNEP**)
- The Centre for International Law (**CIL**) of the National University of Singapore (NUS), Center for Oceans Law and Policy (**COLP**) (**USA**), and China Institute of Marine Affairs (**CIMA**) (**PRC**)
- International Council on Large Electric Systems (**CIGRE**)
- International Telecommunication Union (**ITU**)
- ICPC has ongoing MoUs with **ESCA**, **ISA** and **SubOptic**
- ICPC has cooperative relationships with **NASCA**, **DKCPC** and **OSCA**
- Strategic Alliance Partner with the **Sargasso Sea Commission**

Rhodes Academy Submarine Cables Writing Award

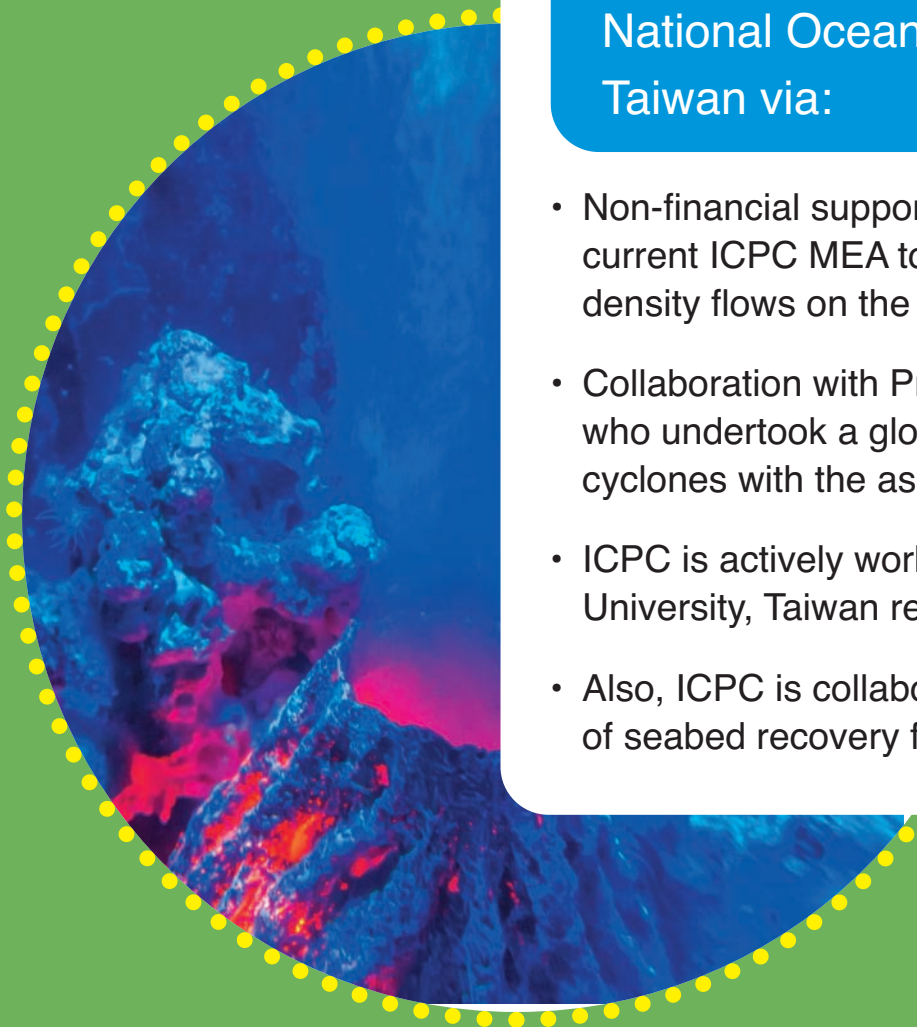
ICPC has an ongoing Memorandum of Understanding (MoU) with the **RHODES ACADEMY** of Oceans Law and Policy to sponsor an annual writing competition on the subject of **INTERNATIONAL LAW** and **SUBMARINE CABLES**. Each year, ICPC's ICLA teaches as part of the faculty.

outreach to and education of *key stakeholders*

OPERATIONAL LINKS ESTABLISHED WITH

individual members of the ICPC, Durham University (UK), National Oceanography Centre (UK), Sun-Yat-Sen University Taiwan via:

- Non-financial support for a NERC proposal of Dr Michael Clare (NOC) and current ICPC MEA to evaluate the response of fibre-optic cables to sediment density flows on the modern Fraser River delta.
- Collaboration with Professor Peter Talling and Dr Ed Pope of Durham University who undertook a global analysis of cable faults resulting from earthquakes and cyclones with the assistance of Global Marine Systems Limited.
- ICPC is actively working with Professor James Liu, National Sun-Yat-Sen University, Taiwan regarding natural hazards and cables off Taiwan.
- Also, ICPC is collaborating with ESCA regarding joining support for a study of seabed recovery from ploughing.



engagement on law and policy with ***governments and treaty bodies***



- ICPC REPRESENTATION influenced the development of The Eastern Scotian Shelf Integrated Management (ESSIM) so that the rights of cables under UNCLOS were successfully recognised and coastal State encroachment risk reduced.
- As a direct result of efforts by ICPC and its Members with their national governments, the UNESCO respects the rights of submarine cables as set out in UNCLOS and excluded international submarine cables from the Convention's requirements on underwater cultural heritage.

In 2018, the UN Economic and Social Council (ECOSOC) held a coordination and management meeting where the ICPC was awarded special consultative status, as recommended by the Non-Governmental Organization (NGO) committee of ECOSOC. The ICPC is the **FIRST AND ONLY** submarine cable organisation in status with the United Nations.

scientific *research*



THE ICPC SUPPORTS PEER-REVIEWED RESEARCH INTO CABLES and their interaction with the marine environment.

Over the years, a suite of papers has been published—details found in the Members section of the ICPC website:

- Clare, M.A., Vardy, M.E., Cartigny, M.J., Talling, P.J., Himsworth, M.D., Dix, J.K., Harris, J.M., Whitehouse, R.J. and Belal, M., 2017. *Direct monitoring of active geohazards: emerging geophysical tools for deep-water assessments*. *Near Surface Geophysics*, 15(4), pp.427-444.
- Azpiroz-Zabala, M., Cartigny, M.J., Talling, P.J., Parsons, D.R., Sumner, E.J., Clare, M.A., Simmons, S.M., Cooper, C. and Pope, E.L., 2017. *Newly recognized turbidity current structure can explain prolonged flushing of submarine canyons*. *Science advances*, 3(10), p.e1700200.
- Clare, M.A., Clarke, J.H., Talling, P.J., Cartigny, M.J. and Pratomo, D.G., 2016. *Preconditioning and triggering of offshore slope failures and turbidity currents revealed by most detailed monitoring yet at a fjord-head delta*. *Earth and Planetary Science Letters*, 450, pp.208-220.
- Kraus, C., and Carter, L., 2018. *Seabed recovery following protective burial of cables – observations from the continental margin*. *Journal of Ocean Engineering* 157, 251-261.
- Carter L, Gavey R, Talling P J, Liu J T., 2014 *Insights into submarine geohazards from breaks in subsea telecommunication cables*, *Oceanography*.
- Gavey, R., Lionel Carter, James T. Liu, Peter J. Talling, Ray Hsu, Edward Pope, Graham Evans, 2016. Frequent sediment density flows during 2006 to 2015, triggered by competing seismic and weather events: *Observations from subsea cable breaks off southern Taiwan*. *Marine Geology*.
- Müller, C., Regina Usbeck and Frederieke Miesner, 2016. *Temperatures in shallow marine sediments: Influence of thermal properties, seasonal forcing, and man-made heat sources*. *Applied Thermal Engineering*.
- Pope, Ed, Peter J Talling, Lionel Carter, 2016. *Which earthquakes trigger damaging submarine mass movements: insights from a global record of submarine cable breaks?* *Marine Geology*.
- Pope, E L, Talling, P J, Carter, L, Clare, M A, Hunt, J E, 2017. *Damaging sediment density flows triggered by subtropical cyclones*, *Earth and Planetary Science Letters*.
- Sherwood, J., S. Chidgey, P. Crockett, D. Gwyther, P. Ho, D. Strong, B. Whitely and A. Williams, 2016. *Installation and operational effects of a HVDC submarine cable in a continental shelf setting: Bass Strait*. *Journal of Ocean Engineering and Science*.

webinars, workshops and *conferences*



- ICPC GM Moderates Sensing Panel at PTC'24: HAWAII, JANUARY 2024
- ICPC Hosts Biodiversity Beyond National Jurisdiction Workshop for Members: VIRTUAL, SEPTEMBER 2023
- Representation at the International Seabed Authority (ISA) 28th Session Council Meetings: JAMAICA; JULY 2023
- 15th Session of the IHO Hydrographic Standards and Services Committee (HSSC-15): HELSINKI, JUNE 2023
- ICPC Represents at Submarine Networks EMEA: UK, MAY/JUNE 2023
- ICPC Represents at the International Hydrographic Organization Assembly (IHO): MONACO, MAY 2023
- ICPC Participates in Indonesia Service Dialogue Council (ISD) Focus Group Discussion: 'Subsea Cable Networks for Connectivity and Advancement of the Digital Economy': INDONESIA, MAY 2023
- ICPC Presents at Submarine Networks World 2022: SINGAPORE, SEPTEMBER 2022
- ICPC Speaks at International Seabed Authority 27th Annual Session: JAMAICA, JULY 2022
- ICPC ICLA Instructs at Rhodes Academy of Oceans Law and Policy: GREECE, JULY 2022
- Informal Consultative Process (ICP) on Ocean Observing: USA, JUNE 2022
- 32nd Meeting of States Parties to the UN Convention on the Law of the Sea (UNCLOS): USA, JUNE 2022
- Hydrographic Standards and Services Committee Meeting (HSSC-14): (hosted by Indonesian Naval Hydro Oceanography Center (Pushidrosal): INDONESIA, MAY 2022
- ICPC Presents at European Subsea Cables Association Plenary: UK, MAY 2022
- ICPC Presents at Submarine Networks EMEA: UK, MAY 2022
- ICPC Participates at IGC-4 on Biodiversity Beyond National Jurisdiction (BBNJ): UK, MARCH 2022



webinars, workshops and *conferences*



- ICPC Participates in Cable Resilience Workshop with UNODC and Indian Ocean Commission Governments: JANUARY 2021
- ICPC Participates in Marine Sensing Technologies Panel at PTC'21: USA, JANUARY 2021
- ICPC Participates in Maritime Security Workshop WITH UN Office of Counter-Terrorism and UN Counter-Terrorism Committee: DECEMBER 2020
- First in the Series of ICPC Webinars to Members—Current & Emerging Challenges for Cable Protection: DECEMBER 2020
- Submarine Networks World (Virtual Update on ICPC Outreach and Activities): SINGAPORE, NOVEMBER 2020
- ICPC Participates in Cable Resilience Workshops with UNODC and Sri Lankan Government: SEPTEMBER AND NOVEMBER 2020
- ICPC Participates in UN ESCAP Tsunami Monitoring Steering Committee Meetings: MAY AND NOVEMBER 2020
- ICPC Participates in SubOptic Spotlight Series Highlighting COVID-19 Pandemic Challenges: MARCH-MAY 2020
- International Seabed Authority 26th Session: JAMAICA, FEBRUARY 2020
- 2nd High Seas International Conference—High-level workshop: What Role for the Private Sector on the High Seas within the BBNJ Process?: FRANCE, NOVEMBER 2019
- Legal Experts Group Meeting—Maritime Crime Programme of U.N. Office on Drugs and Crime: MAURITIUS, OCTOBER 2019
- International Seabed Authority Third Annual Contractor's Meeting: CHINA, OCTOBER 2019
- First Summit on the Sustainable Development Goals (74th session of the UN General Assembly): USA, SEPTEMBER 2019
- Submarine Networks World (Update on ICPC Outreach and Activities): SINGAPORE, SEPTEMBER 2019
- United Kingdom Hydrographic Office Meeting: UK, AUGUST 2019
- Roundtable on Tsunami Detection and Warning (organised U.N. Economic and Social Commission for Asia and the Pacific): SINGAPORE, AUGUST 2019



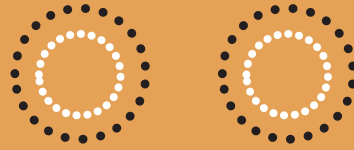
webinars, workshops and *conferences*



- Intergovernmental Conference (IGC-3) on Biodiversity Beyond National Jurisdiction: USA, AUGUST 2019
- Rhodes Academy of Oceans Law and Policy: GREECE, JULY 2019
- IHO Inter-Regional Coordination Committee (IRCC-11): ITALY, JUNE 2019
- ICPC Briefs EU Working Party on the Law of the Sea (COMAR) on BBNJ Negotiations and Cables: BRUSSELS, JUNE 2019
- States Parties to United Nations Convention on the Law of the Sea: USA, JUNE 2019
- 2019 ICPC Plenary: USA, MAY 2019
- United Nations Open-Ended Informal Consultative Process Meeting—Ocean Science and the United Nations Decade of Ocean Science for Sustainable Development: USA, MAY 2019
- Hydrographic Standards and Services Committee (HSSC-11): SOUTH AFRICA, MAY 2019
- Nippon Foundation Fellowship Program—ICPC Trainings on Submarine Cable and Law of the Sea 2019 (and 2018) Classes: JAPAN, MAY 2019
- SubOptic 2019 (The United Nations Convention on the Law of the Sea / Biodiversity Beyond National Jurisdiction Panel): USA, APRIL 2019
- Intergovernmental Conference (IGC-2) on Biodiversity Beyond National Jurisdiction: USA, MARCH/APRIL 2019
- Sri Lankan Government-U.N. Office on Drugs and Crime Workshop on Submarine Cable Resilience: COLOMBO, MARCH 2019
- American Society of International Law Deep Seabed Mining in Crowded Oceans Panel: USA, MARCH 2019
- International Hydrographic Organization Crowdsourced Bathymetry Industry Workshop: CANADA, FEBRUARY 2019
- International Seabed Authority 25th Annual Session (Part 1): JAMAICA, FEBRUARY 2019
- Participation at the Cable Protection Awareness Event (Protection of Submarine Cable Assets in Nigeria, the Silent Arteries of Our Socio-Political & Economic Development): AFRICA, DECEMBER 2018



webinars, workshops and *conferences*



- International Seabed Authority / ICPC Joint Workshop: BANGKOK, OCTOBER 2018
- 1st Session of the New Intergovernmental Conference on Biodiversity Beyond National Jurisdiction: USA, SEPTEMBER 2018
- International Symposium on Maritime Security: GERMANY, SEPTEMBER 2018
- ASEAN Workshop on Submarine Cable Repair and Resilience: SINGAPORE, SEPTEMBER 2018
- Symposium on Maritime Security (Participation from ICPC and ESCA): GERMANY, JULY 2018
- 23rd Rhodes Academy of Oceans Law and Policy: GREECE, JUNE 2018
- Subsea Connect EMEA 2018: Roundtable & Panel (Reaching a Cohesive Regulatory Framework for Subsea Cable Routing' and 'Evading Hot Waters—Securing Subsea Infrastructure from Attack): FRANCE, JULY 2018
- IHO Inter-Regional Coordination Committee (IRCC) Meeting: INDIA, JUNE 2018
- Meeting of States Parties to UNCLOS: USA, JUNE 2018
- Anthropogenic Noise at the Nineteenth Meeting of the United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea: USA, JUNE 2018
- Submarine Communications Cable—fault analysis. Mathematics In Industry New Zealand Workshop: AUCKLAND UNIVERSITY OF TECHNOLOGY, JUNE 2018
- ICPC INAUGURAL PUBLIC WEBINAR: Cables and the Marine Environment—From Ocean to Cloud HOSTED BY PROF. LIONEL CARTER (FORMER ICPC ICCLA): MAY 2018
- Atlantic Ocean Research Alliance—Atlantic Seabed Mapping International Working Group (ICPC Member organisation representation): SPAIN, MAY 2018
- IHO HSSC-10 Meetings (Presented ICPC's Position on the GEBCO Seabed 2030 Road Map): GERMANY, MAY 2018

VIEW WEBINAR ON-DEMAND



webinars, workshops and *conferences*



- 2018 ICPC Diamond Jubilee Plenary: SOUTH AFRICA, APRIL 2018
- PTC'18 Submarine Cable Luncheon (Evolving Environmental Regulation of Submarine Cables Panel): USA, JANUARY 2018
- China's Management and Protection of Submarine Cables: QINGDAO, PRC, SEPTEMBER 2017
- Marine Geohazards off Taiwan as Revealed by Submarine Cable Breaks (1st International Workshop on Marine Geohazards. Taiwan Oceanographic Research Institute): TAIWAN, NOVEMBER 2016
- Submarine Cables and Marine Biological Diversity of Areas Beyond National Jurisdiction (ICPC Side Event at the 2nd Session of the Preparatory Committee Established by the General Assembly Resolution 69/292): USA, AUGUST 2016
- From Ocean to Cloud—Using Oceanography to Keep the Internet Running—THE INAUGURAL BARTRUM LECTURE, UNIVERSITY OF AUCKLAND, NEW ZEALAND: AUGUST 2016
- International Seabed Authority 22nd Annual Session (ICPC Side Event): JAMAICA, JULY 2016
- The Case for Cables—Protecting and Enhancing the Global Telecoms Environment (SubOptic 2016 Panel): UAE, APRIL 2016
- Inaugural Workshop on High Voltage Direct Current (HVDC) Power Cables: TURKEY, APRIL 2016
- Inaugural Workshop with ICPC and the Coordinating Ministry of Maritime Affairs: INDONESIA, DECEMBER 2015
- Ghana Cable Awareness Workshop: AFRICA, NOVEMBER 2015
- International Maritime Organization, Subcommittee on Navigations, Communications, Safety, and Rescue: UK, JUNE 201
- Submarine Cables and Deep Seabed Mining: Advancing Common Interests and Addressing UNCLOS 'Due Regard' Obligations: USA, MARCH 2015
- Submarine Cables in the Sargasso Sea: Legal and Environmental Issues in Areas Beyond National Jurisdiction: USA, OCTOBER 2014





The ICPC is the world's premier submarine cable protection organisation. It was formed in 1958 to promote the protection of international **telecommunications** and **power submarine cables against human and natural hazards**. It provides a forum for the exchange of technical, legal, and environmental information about submarine cables and engages with stakeholders and governments globally to promote submarine cable protection. The ICPC has more than **215 MEMBERS** from over **70 COUNTRIES**, including **cable operators, owners, manufacturers, industry service providers**, as well as **governments**. For further information about the ICPC and its events, submarine cables generally, best practices for cable protection, and applicable international law and treaties, visit: www.iscpc.org and www.linkedin.com/company/icpc-ltd/. If interested in joining the ICPC, click on the following **LINK**.