INTERNATIONAL TRIBUNAL FOR THE LAW OF THE SEA

2023

Public sitting
held on Friday, 15 September 2023, at 10 a.m.,
at the International Tribunal for the Law of the Sea, Hamburg,
President Albert J. Hoffmann presiding

REQUEST FOR AN ADVISORY OPINION SUBMITTED BY THE COMMISSION OF SMALL ISLAND STATES ON CLIMATE CHANGE AND INTERNATIONAL LAW

(REQUEST FOR ADVISORY OPINION SUBMITTED TO THE TRIBUNAL)

Verbatim Record
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Vice-President  
Tomas Heidar  
Judges  
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Ida Caracciolo  
Maurice K. Kamga  
Registrar  
Ximena Hinrichs Oyarce
List of delegations:

STATES PARTIES

**Indonesia**
Mr L. Amrih Jinangkung, Director General for Legal Affairs and International Treaties, Ministry of Foreign Affairs
Mr Arif Havas Oegroseno, Ambassador of the Republic of Indonesia to the Federal Republic of Germany
Mr Ahmad Bawazir, Minister Counsellor, Embassy of Indonesia in Berlin
Mr Malvino Aprialdy Mazni, First Secretary, Embassy of Indonesia in Berlin
Mr Rahmat Kurniawan, Legal Adviser, Directorate General for Legal Affairs and International Treaties, Ministry of Foreign Affairs
Mr Apul Sihombing, First Secretary, Consulate General of the Republic of Indonesia in Hamburg
Mr Denantyo B. Wiryawan, Second Secretary, Consulate General of the Republic of Indonesia in Hamburg
Ms Diana Soleha, Third Secretary, Consulate General of the Republic of Indonesia in Hamburg

**Latvia**
Ms Kristīne Līce, Legislation and International Law Adviser to the President of Latvia
Mr Mārtiņš Paparinskis, Professor of Public International Law, University College London; member, International Law Commission; member, Permanent Court of Arbitration
Mr Vladyslav Lanovoy, Assistant Professor in Public International Law, Université Laval
Mr Cameron Miles, Member, English Bar; 3 Verulam Buildings
Mr Joseph Crampin, Lecturer of International Law, University of Glasgow
Ms Sabine Jansone, Jurisconsult, International Law Division, Ministry of Foreign Affairs

**Mauritius**
Mr Philippe Joseph Sands KC, G.C.S.K., Professor of International Law, University College, London; Barrister, 11 Kings Bench Walk, London
Ms Kate Cook, Barrister, Matrix Chambers, London
Mr Remi Reichhold, Barrister, 11 Kings Bench Walk, London

**Micronesia**
Mr Clement Yow Mulalap, Adviser (Legal), Permanent Mission of the Federated States of Micronesia to the United Nations, New York
THE PRESIDENT: Please be seated. Good morning. Today we will continue the hearing in the Request for an Advisory Opinion submitted by the Commission of Small Island States on Climate Change and International Law.

This morning we will hear oral statements from Indonesia, Latvia, Mauritius and the Federated States of Micronesia.

I now give the floor to the representative of Indonesia, Mr Amrih Jinangkung, to make his statement. You have the floor, Sir.

MR JINANGKUNG: Mr President, Mr Vice-President, distinguished members of the Tribunal, it is an honour for me to appear before this Tribunal on behalf of the Government of Indonesia to deliver Indonesia’s views on the Request for the Advisory Opinion by the Commission of Small Island States on Climate Change and International Law.

As a Party to the 1982 UN Convention on the Law of the Sea, which I will refer to as “the Convention”, Indonesia is committed to put into action the provisions of the Convention. In this regard, Indonesia commends the work of the Tribunal in safeguarding and ensuring the implementation of the Convention.

As an archipelagic State, in which 60 per cent of its territory consists of waters, Indonesia is not immune to the multidimensional impact and existential threats of climate change caused by greenhouse gas emissions; on the contrary, the impacts of climate change are even more pertinent to Indonesia’s vast marine environment.

Indonesia, therefore, wishes to reiterate its continued support to the Tribunal in the deliberation of this current case, which would shed the light on one of humankind’s most challenging issues. In this spirit, Indonesia has submitted its written statement in June 2023 and wishes to take this opportunity to provide corresponding views to further elaborate its written statement.

I will address three main issues before the Tribunal: first, the imminent threat of climate change and Indonesia’s relentless commitment to deal with it; second, Indonesia’s submission affirming that the Tribunal indeed has jurisdiction to render the requested advisory opinion; and, third, the obligations of States Parties on pollution to the marine environment caused by climate change through anthropogenic greenhouse gas emissions.

Mr President, on the first issue, I wish to stress that Indonesia is deeply concerned with the existential dangers posed by climate change. The increase of greenhouse gases emissions significantly affect the marine environment and biological diversity, especially through the rising of sea levels, ocean warming and ocean acidification. The phenomenon also poses threats to the production of marine life and fisheries, which may lead to gradual reduction of the fisheries’ stocks.

Indonesia, as the largest archipelagic State with extensive low-lying area, is especially vulnerable to the impacts of climate change that may severely threaten our marine and coastal ecosystems.
It is predicted that, because of sea-level rise, Indonesia will lose its land territory by more than 30,000 square kilometres in 2050, and by the year 2100, 115 of Indonesia’s islands will be underwater. The total populations likely to be affected by the flooding caused by sea-level rise will reach over 4.2 million people in the year 2100.

As a home to rich marine biodiversity, Indonesia’s archipelago hosts almost 20 per cent of the world’s coral reefs. Unfortunately, ocean warming and ocean acidification induced by climate change has endangered this environment, causing extinction of coral reefs and further reduction of fisheries’ stocks.

Changes to the marine environment because of climate change also affects the coastal communities, whose livelihoods depend on the ocean. This is especially concerning, considering that Indonesia itself is the fifth highest country with people inhabiting lower-elevation coastal zones. Approximately 62 million of the Indonesian population will be living in coastal areas by 2030.

With these concerns in mind, I shall underline that Indonesia shares similar concerns of many States, particularly the Small Island Developing States, on the catastrophic impacts of climate change.

Mr President, it has been scientifically proven that the ocean and climate change are closely interrelated, specifically the effects of climate change to the ocean and the ocean’s role in the efforts to address climate change. This issue has also been recognized during the 1992 Rio Conference and the subsequent meetings of the Conference of the Parties.

The ocean is integral to international efforts to reach international goals: (1) to hold the temperature increase well below 2°C above the pre-industrial level; and (2) to limit the temperature increase to 1.5°C.

In this context, as an archipelagic State, Indonesia continuously promotes ocean-based climate action nationally as well as internationally. Indonesia, as a State Party to the Paris Agreement, is committed to implement the Agreement and fulfil its commitments by including the reduction of greenhouse gas emissions within the oceans and marine sectors as part of its Nationally Determined Contribution.

In this regard, the ocean and marine sectors are included in Indonesia’s latest Enhanced NDC Submission of September 2022, in which it enhances its commitment to reduce emissions from previously 29 per cent to 31.89 per cent, unconditionally, and from previously 41 per cent to 43.20 per cent, with international assistance by 2030.

I would like to highlight the fact that Indonesia’s Enhanced NDC has already exceeded its ocean-based commitments. Some measures to implement this Enhanced NDC in the ocean and marine sectors include, among others:

first, the expansion of its marine protected area to 28.4 million hectares, exceeding its commitment of 20 million hectares;
(2) the establishment of an ocean sector road map for climate solution, rehabilitation of mangroves as well as enhancement of ocean pollution control from sources such as marine litter and plastic debris;

(3) the ratification of the International Convention for the Prevention of Pollution from Ships, including Annex VI concerning prevention of air pollution from ships, through the Presidential Regulation No. 29 of 2012;

(4) the adoption of ministerial level regulations to prevent, reduce and control anthropogenic greenhouse gas emissions into the atmosphere within the context of shipping activities, especially the Minister of Transport Regulation No. 24 of 2022 on the Prevention of Maritime Pollution.

Indonesia also supports the continuous integration of ocean areas as one of the most important areas in climate change mitigation and adaptation measures. Moreover, Indonesia has consistently demonstrated its position on the importance of cooperation and partnership in ocean-based climate action, particularly in mobilizing means of implementation in support of archipelagic States and Small Island Developing States in their mitigation and adaptation efforts in the marine sector.

Indonesia promotes and invites cooperation among States, especially in capacity-building and resilience improvement of developing States, to address the impacts of climate change to the ocean, through transfer of technology, financial assistance, research and data-collection cooperation, and development of special measures to address the impact of sea-level rise.

Another concrete example of Indonesia’s effort to address this matter collectively is Indonesia’s initiative to establish the Archipelagic and Island States (AIS) Forum, which brings together 51 archipelagic and island nations, regardless of their size or level of development. This forum is envisioned to address common challenges including climate change. The forum organizes various collaborative programmes, ranging from research and development to public awareness outreach.

Indonesia has also encouraged the nexus of the oceans and climate change to gain wider international attention during the subsequent meetings of the Conference of the Parties to the UN Framework Convention on Climate Change, or the UNFCCC, such as the 26th Conference of the Parties in Glasgow. Indonesia emphasized the importance for all States to ensure integrity of all ecosystems, especially the oceans and cryosphere, in carrying out measures to address climate change. Indonesia also highlighted its readiness to continue supporting and strengthening discussions and cooperation on the nexus between the climate change and the oceans in the subsequent climate forums.

One of the forums is the Ocean and Climate Change Dialogue 2022, where Indonesia once again reiterated that ocean-based actions must be integrated into the Nationally Determined Contribution, National Adaptation Plan (NAP) and other UNFCCC processes. Indonesia suggested that this can be done by strengthening scientific work through research and development, and improving marine modelling and observations for data management and collection.
I wish to underline that the ocean-based climate action was one of Indonesia’s priorities during its G20 presidency. Ocean-based climate action was one of the focuses in the G20 Environment Deputies Meeting and Climate Sustainability Working Group in 2022.

Furthermore, the G20 leaders expressed their commitment in the promotion of scientific knowledge-sharing, raising awareness and capacity-building to advance the ocean-based climate action. As a step forward, the G20 November 2022 Summit also resulted in a decision to launch “Ocean 20” as the G20 Engagement Group aimed at producing actionable policy recommendations and strategies for cooperation, especially on the relationship between ocean and climate change.

The legacy of incorporating ocean-based climate action in G20 meetings was further included in the Outcome Document and Chair’s Summary of the G20 Environment and Climate Ministers’ Meeting held in Chennai, India, this year.

I wish to stress that during its ASEAN Chairmanship of 2023, Indonesia also put particular importance to the ocean-based climate action. The ASEAN Summit held in Jakarta on 5 September 2023 issued, among others, an ASEAN Joint Statement on Climate Change to the 28th Session of the Conference of the Parties to the UNFCCC.

The Joint Statement stressed, among others, that ASEAN:

Consider, as appropriate, incorporation of ocean-based climate action in their national climate goals and in the implementation of these goals, including but not limited to nationally determined contributions, long-term low greenhouse gas emissions development strategies and adaptation communications.

The aforementioned information well demonstrate that Indonesia has been steadfast in its commitments and consistent in incorporating ocean-based climate action to fulfil its obligations under the designated climate instruments.

Mr President, on the second matter regarding jurisdiction, Indonesia noted that certain States Parties, in their written statements, have suggested that the Tribunal does not have jurisdiction to give the advisory opinion and there is compelling reason for the Tribunal to refuse the request for an advisory opinion. Indonesia wishes to take this opportunity to further elaborate its observation on the Tribunal’s competence to render the requested advisory opinion.

Indonesia is of the opinion that article 288 of the Convention, article 21 of the Statute of the Tribunal, and article 138 of the Rules of the Tribunal provide solid bases for the jurisdiction of the Tribunal to render an advisory opinion in this present case. Many States Parties, including Indonesia, have submitted their argument in the written statements to support this position.

I wish to underline that the Tribunal, in the Request for Advisory Opinion submitted by the Sub-Regional Fisheries Commission (the Case No. 21), had eloquently provided its clarification on the relationship between the Statute in the Annex VI to
the Convention and the Convention itself. The Tribunal asserted that, based on
article 318 of the Convention, the Statute enjoys the same status as the Convention.

Further clarification has also been provided by the Tribunal on how the terms “all
matters” and “other agreement” in article 21 of the Statute shall be interpreted. As
contained in paragraph 58 of the Advisory Opinion in Case No. 21, the Tribunal
asserted that, and I quote:

"All matters specifically provided for in any other agreement which confers
jurisdiction on the Tribunal does not by itself establish the advisory jurisdiction
of the Tribunal. In terms of article 21 of the Statute, it is the ‘other agreement’
which confers such jurisdiction on the Tribunal."

In line with the argument of the Tribunal in Case No. 21 above, Indonesia is of the
view that the Agreement for the Establishment of the Commission of Small Island
States on Climate Change and International Law satisfies the requirements of
article 21 of the Statute of the Tribunal and article 138 of the Rules of the Tribunal,
establishing the advisory jurisdiction of the Tribunal in the present case.

Mr President, members of the Tribunal, on the third matter, Indonesia would like to
take this opportunity to underline its position with regards to the specific obligations
of States Parties to prevent, reduce and control pollution of the marine environment
that result from, or are likely to result from, climate change, which are caused by
anthropogenic greenhouse gas emissions into the atmosphere.

Indonesia notes that Part XII of the Convention covers the general obligation of
States Parties to protect and preserve the marine environment, as well as to take
measures necessary to prevent, reduce and control pollution of the marine
environment.

It specifically prescribes the sources of pollution, which consist of land-based
sources, seabed activities within national jurisdiction, activities in the Area, dumping,
pollution by vessels and pollution through and from the atmosphere.

In this regard, Indonesia shares the views expressed by several States Parties in
their statements, in which the Paris Agreement and the UNFCCC are the most
relevant international legal instruments in addressing climate change and the marine
environment. The Convention, including Part XII, does not provide any obligation
explicitly addressing the issue of climate change. As a matter of fact, the Convention
does not have articles expressly referring to climate change or global warming.

Therefore, the Tribunal’s interpretation of the Convention is particularly important in
rendering the advisory opinion. The Tribunal has to apply the principles of treaty

Indonesia wishes to provide its observation on the application of the provisions of the
VCLT to interpret a treaty from its contextual perspective, considering the original
approach when the treaty was negotiated, and also its intended objective.
VCLT prescribes, especially in article 31, that the interpretation of a treaty can be based on any agreement relating to the treaty; or instrument in connection with the conclusion of the treaty accepted by the parties as an instrument related to the treaty; subsequent agreement and practice on the interpretation or application of the treaty; and any relevant rules of international law applicable in the relations between the parties.

In this regard, Indonesia views that, in exercising its authority to interpret the Convention, the Tribunal shall identify the agreements that fulfil the criteria outlined by the VCLT. As mentioned in its written statement, Indonesia has identified those international agreements in conformity with such criteria of the VCLT and not incompatible with the Convention.

With regard to the subsequent agreement, Indonesia notes with pleasure the completion of the negotiations of the Agreement on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (or the “BBNJ”), as an essential subsequent agreement of the Convention. Indonesia is pleased to see that the Convention, being the “Constitution of the Oceans”, will now be supplemented with an important instrument to conserve the marine biological diversity.

Mr President, distinguished members of the Tribunal, Indonesia observes the complex relationship between climate change and the ocean that is holistic and multidimensional in nature. As I stated earlier, Indonesia recognizes the UNFCCC and Paris Agreement as the primary instruments regulating specific obligations of States concerning climate change, with full understanding of the common but differentiated responsibilities and respective capabilities of States.

Indonesia notes that the States Parties to the Convention are also States Parties to the UNFCCC and Paris Agreement. States Parties to the Convention, by virtue of their membership to the international climate change framework, are also bound by the obligations under the UNFCCC and Paris Agreement which they are party to, to integrate ocean-based climate actions within their plans to reduce greenhouse gas emissions.

In this regard, pollution to the marine environment caused by climate change resulting from greenhouse gas emissions may be addressed under the ambit of the UNFCCC and Paris Agreement.

As mentioned before, an important feature of the issue of climate change is the recognition of the principle of common but differentiated responsibility, which was included in the Preamble and the operative text of the UNFCCC as well as the Paris Agreement.

Indonesia notes that the principle of common but differentiated responsibility serves as the basis of obligations under the UNFCCC, which paves ways for countries to take measures in accordance with their respective capabilities in addressing the climate change issue.
This view is encapsulated in the provisions under the UNFCCC, which expressly mentioned the specific obligations of developed country Parties to limit their anthropogenic emissions of greenhouse gases, and protect and enhance their greenhouse gas sinks and reservoirs; while all countries – taking into account the common but differentiated responsibilities, as well as respective capabilities and their specific national and regional development priorities, objectives and circumstances – shall promote and cooperate in the development, application and diffusion including transfer of technologies, practices and processes that control, reduce or prevent anthropogenic emissions of greenhouse gases. These differences are also carried in the Paris Agreement which obligate the States Parties to set a national target to reach the temperature goal contained within the Agreement.

Addressing climate change requires consistent and gradual efforts by all countries in accordance with their capabilities to address it. In addition, the international climate change framework, especially the UNFCCC and the Paris Agreement, shares a differing nature of responsibility and liability. It has no mention of States’ liabilities should they fail to fulfil their international obligation.

The Paris Agreement, for example, does not include any clause or article on liabilities should countries fail to reach their NDCs. Instead, the Paris Agreement encourages collaboration and international cooperation to support countries, especially developing countries, to reach their climate goals. There is also no clause specifying the obligations of States on reparations, remedial actions or compensation if they are unable to meet their obligations under the UNFCCC and Paris Agreement.

On the other hand, under the Convention, addressing pollution to the marine environment may not require collective effort. It can be done by each State Party individually. The Convention does not recognize the concept of common but differentiated responsibility principle either. The principle cannot serve as a basis in considering liability issues from the violation of the Law of the Sea provisions when pollution to the marine environment occurs. The Convention clearly stipulates in article 235, for example, that States are responsible for the fulfilment of their international obligations concerning the protection and preservation of the marine environment, and that they shall be liable based on international law. This includes the obligation of States to provide remedy or compensation should damages occur as a result of marine pollution.

As a State Party to both the Convention and the international climate change framework, Indonesia is committed to carry out its obligations under both arrangements. Indonesia is committed to implement the general obligations to protect and preserve the marine environment, as well as to prevent, reduce and control the pollution to the marine environment, in accordance with the terms and provisions outlined in the Convention. At the same time, Indonesia will fulfil its specific obligations outlined in the international climate change framework to implement its ocean-based climate action commitments to preserve and protect the marine environment.

Mr President, members of the Tribunal, before concluding this oral statement, Indonesia firmly believes that the Tribunal’s interpretation of the Convention made within the context of this advisory opinion could play an important role in
strengthening the law of the sea, without necessarily expanding the obligation of States Parties to the Convention beyond their consent. That is why the Tribunal has an important task ahead of it.

Should the Tribunal render its opinion on the present case, Indonesia wishes that the Tribunal will provide greater clarity to the matters that have been placed before it. In this perspective, and as a strong supporter of the Law of the Sea Convention, Indonesia wishes that the advisory opinion of the Tribunal would not be counterproductive to the States Parties’ compliance to the Convention.

It is our fervent hope that the information and observations furnished by Indonesia in its written statements, and again today in these oral proceedings, will be of assistance to the Tribunal.

Mr President, members of the Tribunal, that concludes Indonesia’s statement.

I thank you for your attention

MR PRESIDENT: Thank you, Mr Amrih Jinangkung. I now give the floor to the representative of Latvia, Ms Līce, to make her statement. You have the floor, Madam.

MS LĪCE: Good morning. Mr President, members of the Tribunal, it is an honour for me to appear before you today as the Agent of the Republic of Latvia in the first case Latvia has taken part in proceedings before the Tribunal. Latvia’s choice to participate reflects the particular importance of the issues raised by the request for the advisory opinion submitted by the Commission of Small Island States on Climate Change and International Law (COSIS). I note the powerful explanations of this importance given on Monday by Prime Minister Browne, Prime Minister Natano, Attorney General Loughman and Ms Fifita.1

I will address two issues in my presentation: first, jurisdiction and admissibility; and, secondly, the scope of the questions posed in the request. Professor Mārtiņš Paparinskis will then address the substance of the questions posed.

I turn first to the jurisdiction of the Tribunal and the admissibility of the request for the advisory opinion submitted by COSIS.

In Latvia’s submission, the Tribunal has jurisdiction and the request is admissible.2 The jurisdictional criteria set out in article 21 of the Tribunal’s Statute and article 138 of its Rules, as explained by the Tribunal in the Request for Advisory Opinion

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1 Request for an Advisory Opinion submitted by the Commission of Small Island States on Climate Change and International Law (Verbatim Record ITLOS/PV.23/C33/1 - 11 September 2023 a.m) 4-19, 29-33.
submitted by the Sub-Regional Fisheries Commission, are satisfied. There is also no compelling reason for the Tribunal to use its discretion not to give an advisory opinion.

This conclusion reflects the cumulative effect and elements peculiar to this case, and is without prejudice to the position on jurisdiction and admissibility that Latvia may take in future advisory proceedings before the Tribunal or other international courts and tribunals.

I turn next to the scope of questions posed in the request by COSIS. As Professor Paparinskis will explain shortly, customary principles of treaty interpretation reflected in the Vienna Convention on the Law of Treaties require the Tribunal to draw upon several instruments other than the United Nations Convention on the Law of the Sea (UNCLOS) to answer these questions.

There are, however, two bodies of rules that are not implicated: first, rules of international human rights law. These are not mentioned either in the request of the COSIS or in most written statements, including that of COSIS itself. The relationship between climate change and human rights is an important question, and, as such, should be discussed not incidentally but directly and thoroughly, as, for example, in a case shortly to be heard by the Grand Chamber of the European Court of Human Rights: the case of Duarte Agostinho and Others v Portugal and 32 Other States, where I will appear as the Agent for Latvia. This case before the Tribunal, conversely, does not seem an appropriate occasion for addressing such concerns.

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3 Request for Advisory Opinion submitted by the Sub-Regional Fisheries Commission (Advisory Opinion) [2015] ITLOS Reports 4 [58], also [56].
4 Ibid Chapter III.
6 Cf. UN General Assembly, ‘Request for an advisory opinion of the International Court of Justice on the obligations of States in respect of climate change’ (29 March 2023) UN Doc A/RES/77/276.
7 Request for an Advisory Opinion submitted by the Commission of Small Island States on Climate Change and International Law (Request for Advisory Opinion submitted to the Tribunal) (written statement of Poland of 16 June 2023); ibid (written statement of New Zealand of 15 June 2023); ibid (written statement of Japan of 15 June 2023); ibid (written statement of Norway of 16 June 2023); ibid (written statement of Italy of 15 June 2023); ibid (written statement of China of 15 June 2023); ibid (written statement of the European Union of 15 June 2023); ibid (written statement of Australia of 16 June 2023); ibid (written statement of Indonesia of 15 June 2023); ibid (written statement of Singapore of 15 June 2023); ibid (written statement of Korea of 16 June 2023); ibid (written statement of Egypt of 16 June 2023); ibid (written statement of France of 16 June 2023); ibid (written statement of Bangladesh of 16 June 2023); ibid (written statement of Belize of 16 June 2023); ibid (written statement of Canada of 16 June 2023); ibid (written statement of Guatemala of 16 June 2023); ibid (written statement of the United Kingdom of 16 June 2023); ibid (written statement of the Netherlands of 16 June 2023); ibid (written statement of the International Maritime Organization of 16 June 2023); ibid (written statement of the International Seabed Authority of 16 June 2023); ibid (written statement of the Food and Agriculture Organization of 16 June 2023); ibid (written statement of the Vietnam of 16 June 2023).
8 The Commission only notes its involvement in advisory proceedings before the Inter-American Court of Human Rights, ibid (written statement of the Commission of Small Island States on Climate Change and International Law of 16 June 2023) [22]. See similarly (Verbatim Record ITLOS/PV.23/C33/1 - 11 September 2023 a.m) 5 (Browne), 23 (Akhavan), 30, 32 (Fifita).
9 ‘Forthcoming Hearings’ (31 August 2023) <https://www.echr.coe.int/w/forthcoming-hearing-1>.
Secondly, the questions posed relate exclusively to primary obligations and not secondary obligations. The Tribunal has explained that terms such as “liable” or “liability” are to be used to refer to the law of State responsibility. COSIS has not used such terms in drafting the questions posed.

Mr President, members of the Tribunal, I thank you for your kind attention and ask that you invite to the podium Professor Paparinskis.

THE PRESIDENT: Thank you, Ms Līce. I now give the floor to Mr Paparinskis to make his statement. You have the floor, Sir.

MR PAPARINSKIS: Mr President, members of the Tribunal, it is an honour for me to appear before you on behalf of the Republic of Latvia.

I will address the substance of the questions before you. As you will hear, Latvia’s approach is, in several important respects, similar to that presented by COSIS earlier this week.

I will make two submissions: first, I will identify the provisions of UNCLOS and other legal instruments that the Tribunal should consider in answering the questions; secondly, I will address the content of the relevant provisions in Part XII of UNCLOS, with a particular focus on the notion of due diligence.

Before doing so, I will make three preliminary points which may inform the Tribunal’s approach.

My first preliminary point is that UNCLOS is a framework convention, which does not purport to address in detail every legal issue affecting the ocean. It has always been understood that law of the sea must respond to new circumstances and developments in scientific and technical knowledge that might require legal solutions more concrete than a general, comprehensive convention could hope to achieve.

Part XII, at issue before the Tribunal, is no exception. It contains broadly framed, general obligations, such as article 192, and provisions that contain so-called “rules of reference”, such as article 214, and also envisions, in article 237, that Parties may create, on a global or regional basis, more specific rules for addressing particular environmental challenges.

It is in this spirit of openness, buttressed by the custom-reflecting principle of treaty interpretation expressed in article 31, paragraph 3(c), of the Vienna Convention on the Law of Treaties, that the interpretation of the Convention must be approached to ensure its continued relevance. The practical effect of this is that, when interpreting article 192 and other similar provisions in Part XII, their content is to be informed by

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10 Responsibilities and obligations of States with respect to activities in the Area (Advisory Opinion) [2011] ITLOS Reports 10 [66], [70]; Request for Advisory Opinion submitted by the Sub-Regional Fisheries Commission (Advisory Opinion) [2015] ITLOS Reports 4 [145].

the relevant rules of international environmental law. The two particularly relevant instruments in the context of climate change are the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement.

The second preliminary point relates to the definition of the “pollution of the marine environment” in article 1, paragraph 1(4) of UNCLOS. In Latvia’s submission, this definition must be read to include greenhouse gas (GHG) emissions. This is consistent with its textual expression as well as the object and purpose of the Convention, which overtly seeks to promote the protection and preservation of the marine environment.

The effective protection and preservation of the marine environment requires taking account of the evolving state of the scientific and factual knowledge of the risks of harm, regardless of their sources, and the multiple ways in which climate change in particular may affect the marine ecosystems.

The third preliminary point, Mr President, is that the questions before the Tribunal are intertwined. The general obligations relating to the protection and preservation of the marine environment in Part XII of UNCLOS lay out a framework within which more granular obligations concerning the prevention, reduction and control of different sources of marine pollution operate in a mutually reinforcing manner. Together, they respond comprehensively to evolving threats to the marine environment, including climate change. They will therefore be also addressed together in Latvia’s substantive submissions.

I now turn to the first substantive submission, which will identify the relevant provisions that may assist the Tribunal in answering the questions before it.

The questions posed by COSIS mirror the wording of articles 192 and 194 of UNCLOS. Article 192, as explained in the South China Sea arbitration, provides for an obligation with an ambit that “extends both to ‘protection’ of the marine environment from future damage and ‘preservation’in the sense of maintaining or improving the present condition.”

To that end, it entails both “the positive obligation to take active measures to protect and preserve the marine environment” and “the negative obligation not to degrade the marine environment”. Article 194 elaborates on this, imposing an obligation

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12 The South China Sea Arbitration (The Philippines v. The People’s Republic of China) (Award of 12 July 2016) [2016] 33 RIAA 153 [945] and [956]-[957].
17 Ibid [941] (emphasis added).
upon Parties to take, individually or jointly, measures to prevent, reduce and control pollution of the marine environment.

Articles 192 and 194 do not operate in a legal vacuum and must be read together with the rest of Part XII. This includes Section 5, which addresses international rules and national legislation to prevent, reduce and control marine pollution, and Section 6, which deals with the enforcement of laws and regulations so adopted. Specific provisions of Part XII also play a role. In Latvia’s view, the key obligations in this respect include articles 195, 196, 197, 204, 206, 207, 212, 213 and 222.

Latvia would particularly emphasize the duty to cooperate in article 197. To quote this Tribunal, “the duty to cooperate is a fundamental principle in the prevention of pollution of the marine environment under Part XII of the Convention”. The duty may entail several possible substantive and procedural elements, identified in the decisions of the Tribunal and other international courts and tribunals, such as notification, exchange of information, the undertaking of consultations and negotiations, as well as environmental impact assessment and communication of its results to affected parties. In the context of climate change, this duty requires cooperation with and participation in international processes to coordinate the appropriate collective action to prevent, mitigate and adapt to the various diffuse, global challenges it poses.

Finally, a proper and complete interpretation of Part XII must take account of the rules and standards found in instruments of international law that are specifically related to the particular environmental challenges that climate change poses to the oceans. Two non-exhaustive examples are the UNFCCC and the Paris Agreement, which, together, lay out the most specific and up-to-date legal framework in respect of the greenhouse gas emissions.

With 198 and 195 Parties, respectively, these treaties reflect the overwhelming consensus of the international community on how to address climate change. Any interpretation of Part XII, therefore, should be informed by the obligations contained within those treaties and mindful of the processes adopted by the Conferences of Parties to implement them. Latvia notes that several other participants in the present proceedings appear to share the same position.

18 The Mox Plant Case (Ireland v. United Kingdom) (Provisional Measures) (Order) [2001] ITLOS Rep 95 [82].
20 Request for an Advisory Opinion submitted by the Commission of Small Island States on Climate Change and International Law (Request for Advisory Opinion submitted to the Tribunal) (written statement of Democratic Republic of the Congo of 13 June 2023) [96]-[97]; ibid (written statement of New Zealand of 15 June 2023) [66], [71]; ibid (written statement of Australia of 16 June 2023) [40]; ibid (written statement of Republic of Mauritius of 16 June 2023) [38]-[52]; ibid (written statement of Republic of Korea of 16 June 2023) [16], [20]; ibid (written statement of the Republic of Chile of 16 June 2023) [59]-[60]; ibid (written statement of the Federative Republic of Brazil of 15 June 2023) [20]; ibid (written statement of the Republic of Sierra Leone of 16 June 2023) [21], [53]; ibid (written statement of the Republic of Singapore of 16 June 2023) [37]; ibid (written statement of the European
I now turn to my second submission, namely, that the key rules contained in Part XII of relevance to this case are, to employ the terminology of the Tribunal in Request for Advisory Opinion submitted by the Sub-Regional Fisheries Commission, "due diligence obligations".21

The relevant rules are obligations of conduct and not result.22 Article 194, paragraph 1, requires that Parties take "all measures" necessary to prevent, reduce and control pollution of the marine environment, while "using for this purpose the best practicable means at their disposal". Other provisions of Part XII contain similar wording, including "as far as practicable" (in articles 204 and 206) or "shall endeavour" (in article 207, paragraph 3).

By such language, Parties are required, as the Tribunal put it, "to deploy adequate means, to exercise best possible efforts, to do the utmost" to achieve or avoid a particular outcome.23 The International Court of Justice similarly noted in more general terms that "[a] State does not incur responsibility simply because the desired result is not achieved; responsibility is, however, incurred if the State manifestly failed to take all measures … which were within its power".24 It is the notion of "due diligence" that is of "critical importance".25

Due diligence is, as this Tribunal has recognized, "a variable concept".26 In Latvia's submission, the content of the standard is informed by the specific instruments that govern the particular environmental issues. As I noted earlier, for greenhouse gas emissions and climate change, these are the UNFCCC and the Paris Agreement.

I will highlight three further considerations relating to due diligence that inform the content of Part XII obligations and their application to greenhouse gas emissions. Latvia notes that several other participants in the present proceedings appear to share the same position regarding the relevance of these considerations.27

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Union of 15 June 2023) [26]-[31]; ibid (written statement of the African Union of 16 June 2023) [15]; ibid (written statement of Commission of Small Islands States on Climate Change and International Law of 16 June 2023) [353].


22 See Responsibilities and Obligations of States with respect to activities in the Area (Advisory Opinion) [2011] ITLOS Rep 10 [110]-[112].


25 Ibid.

26 Responsibilities and Obligations of States with respect to activities in the Area (Advisory Opinion) [2011] ITLOS Rep 10 [117].

27 Request for an Advisory Opinion submitted by the Commission of Small Island States on Climate Change and International Law (Request for Advisory Opinion submitted to the Tribunal) ibid (written statement by the European Union of 15 June 2023) [17]-[20]; ibid (written statement of the African Union of 16 June 2023) [170]-[174]; ibid (written statement of Canada) [54]-[59]; ibid (written statement of France of 16 June 2023) [103]-[119]; ibid (written statement of the Republic of Djibouti of 16 June 2023) [45]-[46]; ibid (written statement of the People’s Republic of Bangladesh of 16 June 2023) [37]; ibid (written statement of the Republic of Singapore of 16 June 2023) [29]-[37]; ibid (written statement of the African Union of 16 June 2023) [18]; ibid (written statement of Belize of 16 June 2023) [68]-[71].
The first consideration is the greatly varying capacity of States.\textsuperscript{28} UNCLOS reflects this proposition in article 194, paragraph 1, in the context of the marine pollution.\textsuperscript{29}

Secondly, the “assessment \textit{in concreto}” will also take into account other parameters.\textsuperscript{30} These include the nature and seriousness of the risk related to the activity at stake, the state of the scientific knowledge of the risks in question, and the passage of time, identified by the Tribunal in the advisory opinion concerning Responsibilities and obligations of States sponsoring persons and entities with respect to activities in the Area.\textsuperscript{31}

Thirdly, obligations implicating due diligence will not be satisfied merely because a Party to UNCLOS enacts a legal framework for averting harm to the marine environment. Due diligence requires “a certain level of vigilance in the enforcement and the exercise of administrative control”.\textsuperscript{32} This applies both to activities directly undertaken by Parties themselves, but also in “ensuring [that] activities within their jurisdiction and control do not harm the marine environment”.\textsuperscript{33}

To conclude my second submission: when considering the content of the relevant obligations of conduct in Part XII in respect of the prevention and protection of harm to the marine environment caused by climate change, Parties should act with due diligence, as that notion has been understood in international law.

Mr President, members of the Tribunal, this concludes the submissions of Latvia. I thank you for your kind attention.

\textbf{MR PRESIDENT:} Thank you, Mr Paparinskis. I now give the floor to the representative of Mauritius, Mr Koonjul, to make his statement. You have the floor, Sir.

\textbf{MR KOONJUL:} Mr President, members of the Tribunal, it is an honour for me to appear before you in my capacity as Representative of the Republic of Mauritius.

Mauritius is participating in these important proceedings because of the grave and urgent threat posed by the impacts of climate change. We are thankful to the


\textsuperscript{29} United Nations Convention on the Law of the Sea art 194(1).


\textsuperscript{31} Responsibilities and obligations of States sponsoring persons and entities with respect to activities in the Area (Advisory Opinion) [2011] ITLOS Rep 10 [117]. See also on precautionary approach: \textit{Southern Bluefin Tuna (New Zealand v. Japan; Australia v. Japan)} (Provisional Measures) (Order) [1999] ITLOS Rep 280 [77]; \textit{M/V ’Louisa’ (Saint Vincent and the Grenadines v. Kingdom of Spain)} (Provisional Measures) (Order) [2008-2010] ITLOS Rep 58 [77]; \textit{Delimitation of the Maritime Boundary in the Atlantic Ocean (Ghana/Cote d’Ivoire)} (Provisional Measures) (Order) [2015] ITLOS Rep 146 [72].


\textsuperscript{33} The South China Sea Arbitration (The Philippines v. The People’s Republic of China) (Award of 12 July 2016) [2016] 33 RIAA 153 [944].
Commission of Small Island States for taking the initiative to request this advisory opinion.

The detrimental effects on the marine environment are already being felt and cannot be overstated, and they are predicted to become significantly worse. The importance of the issues raised by way of this request, and the urgency with which they need to be addressed, is reflected in the unprecedented participation in these proceedings. Fifty-three UNCLOS States Parties have filed written statements (including via the European Union), together with eight intergovernmental organizations, including the United Nations, the African Union, the Pacific Community, amongst others.

As a Small Island Developing State and a founder member of the Alliance of Small Island States back in 1990, Mauritius is acutely vulnerable to climate change-induced events, including sea-level rise, coastal degradation and coral bleaching. Over the last three decades, Mauritius was experiencing mean sea-level rise of approximately 5 millimetres per year. But, during the last decade, from 2011 to 2020, this rate increased to almost 12 millimetres per year.\(^3\)

This is considerably higher than the average rate of change for sea-level rise in the Indian Ocean. By the end of this century, it is estimated that sea-level rise will reach at least 49 centimetres. This will be a direct result of the emissions of greenhouse gases over two centuries, for which Mauritius bears but a miniscule responsibility, if any at all.\(^3\)

Sea-level rise and the other consequences of warming temperatures, not least for marine biodiversity, pose an existential threat to large parts of Mauritius, including the whole of the Chagos Archipelago, which this Tribunal recently confirmed to be an integral part of my country, as well as the islands of Cargados Carajos, Agalega and Tromelin. Many of these islands are flat and low-lying, on average no more than one or two metres above mean sea level. Around the main island of Mauritius and Rodrigues, coastal areas are shrinking dramatically due to the rising sea levels and accelerated beach erosion.

Mauritius has also experienced, and is continuing to experience, above-average rises in sea surface temperature. In 2018 and 2019, 60 per cent of the coral around the island of Mauritius suffered from recurrent bleaching events due to increasing sea surface temperatures. These impacts are by no means unique to Mauritius, but we feel them acutely, as do, no doubt, many other Small Island Developing States. It is in that regard that we consider what was said yesterday by Chile and Nauru, in respect of self-determination and the right of peoples not to be deprived of its own means of subsistence, to be extremely pertinent. Mauritius fully supports this principle.

Mr President, Mauritius also participates in these proceedings because of the unwavering faith it has in this Tribunal and in the international rule of law to make a real and tangible difference. Over the course of more than 25 years, ITLOS has evolved into the principal judicial guardian of the legal order of the oceans. More

\(^3\) Written statement of the Republic of Mauritius, 16 June 2023, para. 23.

than 30 UNCLOS States Parties have already appeared before this Tribunal in
ccontentious proceedings, and no less than 41 States Parties have opted for ITLOS
pursuant to article 287(1) of the Convention as a means of settling disputes under
Part XV of UNCLOS. States are also increasingly turning to the Tribunal by way of
special agreements to resolve their differences, as Mauritius did recently with regard
to the delimitation of its maritime boundary with Maldives.

I take this opportunity to express the deep gratitude of my country for the Tribunal’s
assistance in helping resolve a long-standing dispute. All this clearly shows that the
international community has the utmost confidence in the Tribunal’s exercise of its
vital jurist function.

In fact, in our view the Tribunal is uniquely positioned to provide an authoritative
statement in respect of the legal obligations of UNCLOS States Parties with regard
to the effects and impacts of climate change: authoritative for UNCLOS States
Parties; authoritative for all countries and international organizations; for national
courts charged with addressing issues of climate change; as well as for international
courts before which other climate change proceedings are currently pending or may
arise in the future.

Mr President, Mauritius is mindful that the Tribunal’s determinations in these
proceedings will have legal effects for UNCLOS States Parties and beyond,
notwithstanding that an advisory opinion is not binding as such. In its recent
Judgment on Preliminary Objections in the Dispute concerning delimitation of the
maritime boundary between Mauritius and Maldives in the Indian Ocean, a
distinguished ITLOS Special Chamber ruled that “judicial determinations made in
advisory opinions carry no less weight and authority than those in judgments
because they are made with the same rigour and scrutiny by the ‘principal judicial
organ’ of the United Nations with competence in matters of international law.” In
that case, the Special Chamber was referring to the advisory opinion of the
International Court of Justice on the Legal Consequences of the Separation of the
Chagos Archipelago from Mauritius in 1965. Mr President, Mauritius considers that
the same considerations apply with equal force to the ITLOS advisory opinions which
this Tribunal will, in due course, hand down.

Mr President, the Tribunal has been tasked with answering two legal questions.
Mauritius considers that before those questions can be answered, the Tribunal will,
first and foremost, need to make determinations of fact. In this case, the facts
comprise the large body of scientific evidence which has been put before the
Tribunal. It is this scientific evidence, largely but not exclusively emanating with
particular authority from the IPCC, which informs the specific obligations of States
Parties under Part XII of the Convention on the threats posed by climate change to
the marine environment.

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37 Dispute concerning the delimitation of the maritime boundary between Mauritius and Maldives in
the Indian Ocean, ITLOS Case No. 28.
38 Dispute concerning the delimitation of the maritime boundary between Mauritius and Maldives in
the Indian Ocean, ITLOS Case No. 28, Judgment on Preliminary Objections, 28 January 2021, para. 203.
Professor Sands will address the Tribunal on what Mauritius considers to be some of the salient aspects of the relevant and applicable scientific evidence. Ms Cook will then address you on the legal implications of the scientific evidence for the interpretation of Part XII of UNCLOS, taking into account relevant rules of international law, in particular the UN Framework Convention on Climate Change and the Paris Agreement. These are the primary legal instruments which lay down rules of international law with regard to climate change.

Indeed, pursuant to article 293(1) of the Convention, the UNFCCC and the Paris Agreement form part of “other rules of international law” which are not incompatible with the Convention. As explained in our written statement, UNCLOS, UNFCCC and the Paris Agreement all bear upon a single issue with respect to the protection of the marine environment from harmful effects of climate change. Mauritius therefore invites the Tribunal to adopt a harmonized approach, furthering a relationship between UNCLOS and the climate change regime, as well as general international law, based on systemic integration.

Professor Sands will then return to examine the specific obligations arising under the Convention, focusing, in particular, on six areas: (1) the relationship between the internationally agreed 1.5°C temperature goal and Part XII; (2) the obligation of due diligence in the context of preventing, controlling and reducing greenhouse gas emissions, including environmental assessment; (3) the duty of cooperation in the context of addressing gaps in the regulation of greenhouse gases; (4) the obligation of due diligence in the context of adapting to the impacts of climate change on the marine environment, taking into account the rights of those affected by such impacts, including matters of technical and financial assistance; (5) the implications of the rules on State responsibility for breach of obligations under Part XII; and (6) the potential impact of climate change on baselines, maritime entitlements and boundaries.

Mr President, I thank you and the members of the Tribunal for the kind attention, and respectfully request that you invite Professor Sands to the podium.

THE PRESIDENT: Thank you, Mr Koonjul. I now give the floor to Mr Sands to make his statement. You have the floor, Sir.

MR SANDS: Thank you, Mr President and members of the Tribunal. It is an honour to appear before you in these proceedings. As Ambassador Koonjul has noted, Mauritius is greatly concerned by the threat posed by climate change. Along with other Small Island Developing States and countries that are low-lying, Mauritius is already experiencing the effects of human-induced climate change on the marine environment.

Mr President, with your permission before proceeding, I hope that I might use this occasion to pay tribute to my colleague and friend Professor Alan Boyle, who has passed away very recently. Professor Boyle, I think, is very well known to the Tribunal. He has done to very much to forge the field of international environmental law and to promote this Convention. He played a very key role in bringing this matter
to the Tribunal, for which we are grateful. He was a wonderful colleague; I taught with him since 1989. He was, as many of you know, a most decent and generous person. I, and many in this room, will miss him very much. May I express the hope that this advisory opinion can come to be seen as a part of his very significant legacy.

Mr President, for many countries and people, climate change is an existential issue. The law alone will not change the behaviour of States: that requires political will, and more. But the language of international law, our common language, is indispensable in informing the conditions for behaviour and actions. Your opinion can offer an authoritative statement to assist national and international courts, for States, for international organizations, corporations and non-State actors.

The law turns on the facts. Always. On this matter, the facts are principally the science to guide the interpretation and application of the law. If the Tribunal does one significant thing in its advisory opinion, it will be to affirm the centrality of science to the life of the Convention. Indeed, the basic science has been known for decades, since at least the Second World Climate Conference held in Geneva in November 1990, where I, and some others present in the room, were privileged to be present. It was the moment, in fact, when the Alliance of Small Island States was founded, under the leadership of Vanuatu and Ambassador Robert Van Lierop. In 1990, the very real threats that lay ahead were known, and they of course catalyzed the negotiations for the 1992 Framework Convention on Climate Change.

Thirty-three years have passed. The science of climate change is clear; it is not in dispute, even if the scale and timing of the effects of climate change are not entirely clear. The IPCC is the best available science: climate change is a real and present danger; it is happening; and it will cause a catastrophe for the maritime environment, for biodiversity, for humans and for States.

As temperatures rise, so do the oceans. As fossil fuels are burned and as concentrations of greenhouse gases increase, so do corals, and other forms of marine life die. The risk of critical thresholds – tipping points they are called – being crossed is now tangible and real, with irreversible harm to the marine environment. This Tribunal cannot run away from the science, it cannot ignore what is happening, and it must make clear that in the face of grave uncertainties as to the consequences, precaution is required.

Mr President, every advisory opinion deals with the facts and, for this one, there are two key elements: first, the likely impacts of climate change on the marine environment on the basis of different temperature rises; and second, the urgent actions needed to protect and preserve the marine environment, in particular deep and immediate reductions in the emission of greenhouse gases.

Mauritius and many other participants have addressed the science in detail in their written statements in these proceedings. The science is not in dispute. The IPCC has warned that on current trajectories, the marine environment is catastrophically

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40 IPCC AR6 SYN SPM B.3.2.
41 IPCC AR6 SYN SPM C.2.
42 Written statement of Mauritius, pp. 6-10.
threatened by ocean warming, acidification, deoxygenation, sea-level rise and substantial loss of coastal and ocean ecosystems. For Mauritius, fragile marine ecosystems, including warm water coral reefs, are already today at risk of total destruction. 43

The IPCC has recommended, in the strongest possible terms, that global temperature rises must be limited to 1.5°C. Even this level will not avert all harm to the marine environment, but an even higher increase will cause even more extreme harms. 44 A rise of 1.5°C threatens to destroy 70 to 90 per cent of our coral reefs, but 2°C likely means total destruction. 45 Everything. 1.5°C must therefore be the Tribunal’s lodestar, to reduce risks to marine biodiversity, fisheries and ecosystems, and their functions and services to humans. 46

In 2019, the IPCC published its Special Report on the Ocean and Cryosphere in a Changing Climate. Let me read the brutal conclusion; I quote:

Over the 21st century, the ocean is projected to transition to unprecedented conditions with increased temperatures (virtually certain), greater upper ocean stratification (very likely), further acidification (virtually certain), oxygen decline (medium confidence), and altered net primary production (low confidence)…The rates and magnitudes of these changes will be smaller under scenarios with low greenhouse gas emissions (very likely). 47

The IPCC has also addressed the social and economic consequences of these impacts. 48 They include food security, physical and mental health, and forced climate migration. The IPCC says that as temperatures rise, the effects are going to cascade and become increasingly difficult to manage. 49 And Mauritius is already seeing, as you have heard, extreme weather events, sea-level rise and, most significantly for a fishing community, adverse impacts on fisheries as fish migrate to colder waters. The best scientific advice is that much, much worse is yet to come, without action under the law. 50

The science is equally clear on the actions needed to limit temperature rises to 1.5°C, and on the measures needed to mitigate and adapt to climate change. The IPCC has told us that to prevent the worst impacts of climate change, emissions of greenhouse gas emissions must be reduced to the point where they reach net zero by 2050; that is just 27 years away. 51 The world is not on track to meet this goal. The
emissions reductions needed to meet that goal are not difficult to calculate, based on the remaining global carbon budget which must be allocated equitably between States. The rate at which that budget is currently being exhausted will not limit temperature rises to 1.5°C.

What this means, Mr President, is that the current path, the one we are now on, means the end of the marine environment as we know it. What is needed – we are advised by our scientists – is to close the gap between current and planned emission levels, on the one hand, and the levels that are needed to protect the marine environment, on the other.

The IPCC has made it crystal clear that this puts fossil fuel production, combustion and related industrial processes at the heart of the threat to the marine environment. That reality cannot be escaped. To close the emissions gap, fossil fuel use and methane emissions have to be addressed. This is what the science requires, this is what is agreed by the Parties to the Paris Agreement, and this is what is reiterated now ad nauseam by the scientists for the IPCC and UNEP.

The UNEP Emissions Gap reports are particularly significant. They address the hugely important gap between emissions reductions promised thus far and the emissions reductions that are needed to achieve the temperature goal of the Paris Agreement. The 2022 report, very recent, (entitled The Closing Window), has noted, and I quote, the “very limited progress in reducing the immense emissions gap for 2030”. Seven years away. In other words, States need to do more. In other words, States are not meeting their obligations under this Convention to prevent grave harm to the marine environment.

And the situation is grave. The 2022 UNEP Report concluded that current policies will lead to global warming of 2.8°C by the end of this century; that is during the lives of our grandchildren, your grandchildren. The existing unconditional and conditional Nationally Determined Contributions under the Paris Agreement will do very little. They will only limit the rise in temperatures to between 2.4°C and 2.6°C.

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52 The carbon budget represents the total net amount of carbon dioxide that human activities can still release into the atmosphere while keeping global warming to a specified level above pre-industrial levels, after accounting for the warming effects of other GHGs. See: IPCC, Working Group I, Chapter 5: Global Carbon and Other Biogeochemical Cycles and Feedbacks, AR6 (2021), p. 777.

53 In order to have a 50 or 67 per cent chance of limiting global warming to 1.5°C above pre-industrial levels, “the remaining carbon budgets amount to 500 and 400 billion tonnes of CO2, respectively, from 1 January 2020 onward. Currently, human activities are emitting around 40 billion tonnes of CO2 into the atmosphere in a single year.” See: IPCC, Working Group I, Chapter 5, Global Carbon and Other Biogeochemical Cycles and Feedbacks, AR6 (2021), p. 777.

54 IPCC, AR5, SPM 1.2, p. 5: “Emissions of CO2 from fossil fuel combustion and industrial processes contributed about 78 per cent of the total GHG emissions increase from 1970 to 2010, with a similar percentage contribution for the increase during the period 2000 to 2010 (high confidence).”


56 Ibid., p. X.
Relatedly, there is also a fossil fuel “production gap”. Unbelievably, despite the crystal-clear science, the 2019 UNEP Report found, and I quote: “The world is on track to produce far more coal, oil and gas than is consistent with limiting warming to 1.5°C or 2°C, creating a ‘production gap’ that makes climate goals much harder to reach.”

To meet 1.5°C, fossil fuel emissions must decline rapidly. What this means in practice, the report concludes, is that without “dramatic, unexpected advances in carbon capture and storage … technology,” and I quote, “…most of the world’s proven fossil fuel reserves must be left unburned”. If you want to protect and preserve the marine environment and you want to follow the science, you are going to have to say something about fossil fuels being phased out.

If the science is clear, so must be the law. There is no uncertainty or ambiguity as to what is needed. To have any chance of limiting warming to 1.5°C, the IPCC tells us that global carbon dioxide emissions must, by 2030, decrease by at least 48 per cent from 2019 levels, and they must then reach net zero by 2050. Emissions of non-CO2 greenhouse gases, in particular methane, must also decrease analogously.

Mr President, the science also calls for far-reaching measures on mitigation and adaptation: measures to protect and restore coastal and ocean ecosystems; reduce coastal erosion and flooding; to increase the storage of carbon; and to address food security and the maintenance of biodiversity.

In short, the current path leads to catastrophic harm to the marine environment. To avert disaster, the science-driven focus has to be on phasing out fossil fuel combustion and all related activities. Anything less in your opinion will be seen as platitudes. The Tribunal has to address that scientific reality, as the Paris Agreement does, to meet IPCC recommendations.

Your task, Mr President, members of the Tribunal, in this advisory opinion, which may seem daunting, is to do no less than the science requires, as confirmed by the IPCC, as acted on by the Paris Agreement, informing the interpretation and application of the obligations under the Convention. The science may indeed require more under this Convention than the Paris Agreement currently provides for.

Mr President, all of this poses a very real challenge. What are judges to do, faced with such a scenario? Do you just bury your heads? Do you hope that somehow we are going to muddle along, that everything will just sort of be okay? To follow or not to follow the science, that is the question. Will the Tribunal “suffer the slings and arrows of catastrophe”, or will it, to take the words of William Shakespeare, “take

58 The adoption at UNFCCC COP26 of the Global Methane Pledge signaled a greater international commitment to ensure that such gaps are addressed as a matter of urgency. Participants in the Global Methane Pledge commit to work together in order to collectively reduce global anthropogenic methane emissions across all sectors by at least 30 per cent below 2020 levels by 2030.

59 IPCC, AR6, SYN, SPM, C.3.6.

60 IPCC, AR5, SPM, 1.2, p. 5: “[e]missions of CO2 from fossil fuel combustion and industrial processes contributed about 78per cent of the total GHG emissions increase from 1970 to 2010, with a similar per centage contribution for the increase during the period 2000 to 2010 (high confidence)”.

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arms against a sea of troubles”?

The answer to these questions is clear. It has to be: follow the science and follow the law. A clear, firm, principled approach, an opinion that does not shirk from the science and does not blink.

And so, Mauritius invites this Tribunal to do what an increasing number of national tribunals have done, for example, as in the Urgenda case in the Netherlands: follow the science in applying and interpreting the law. If you do not, this Convention will be a dead letter, and so will the very idea of a rule of law in relation to the oceans.

Mr President, members of the Tribunal, science is the beating heart of the Convention and it must be the beating heart of the advisory opinion that this Tribunal hands down.

I thank you for your attention and, depending on the time available, invite you to call Ms Cook to the podium either before or after the break.

THE PRESIDENT: Thank you, Mr Sands. I now give the floor to Ms Cooke to make her statement. You have the floor, Madam.

MS COOK: Mr President, members of the Tribunal, it is an honour to appear before this Tribunal and to do so on behalf of Mauritius.

Against the background of the science, I will now address the relationship between the 1982 Convention and the legal framework of the broader international climate regime.

That legal regime is largely set forth in the provisions of the 1992 UNFCCC and the 2015 Paris Agreement. Under UNCLOS, the Tribunal is required to apply “other rules of international law not incompatible with the Convention”. Those rules clearly include the UNFCCC and the Paris Agreement, as well as customary rules, including the precautionary principle, the polluter-pays principle, and the principle of common but differentiated responsibility.

The objectives of the UNFCCC and the Paris Agreement are to prevent dangerous anthropogenic interference with the climate system. That clearly covers interference with the marine environment. The Preamble to the Paris Agreement expressly references the commitment to ensure the integrity of ocean ecosystems, and biodiversity. Article 5(1) explicitly requires Parties to conserve and enhance oceans, and coastal and marine ecosystems, as sinks of greenhouse gases.

Together, the UNFCCC and the Paris Agreement set out minimum steps that Parties must take to prevent dangerous anthropogenic interference with the climate system and, in this way, contribute to the protection of the marine environment. The

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61 William Shakespeare, Hamlet, Act 3, Scene 1.
63 Article 2 UNFCCC, the Paris Agreement being a related legal instrument of the UNFCCC.
64 Article 2 UNFCCC, the Paris Agreement being a related legal instrument of the UNFCCC.
65 Article 4(1)(d) UNFCCC.
relationship between the Convention and these treaties is based on a shared concern for the protection of the marine environment from climate change.

The Convention and these treaties are intertwined. It is not the case, as some have argued, that they are to be kept separate. The Convention is a living instrument, expressly framed to allow for the development of specific standards and rules, and to evolve in the light of evolving science.

It is not the case that the Convention does not address climate change because that subject was not expressly considered at the time of its adoption, nor because it is now addressed by other treaties. The obligations under the Convention to protect the marine environment from climate change are informed by those treaties but they are not limited by those treaties. Those treaties do not, and cannot, limit the obligations that arise under the Convention in the light of the science to which it expressly refers, and in the context of protecting the marine environment, a point I will return to shortly.

What the Convention and the climate treaties have in common is a requirement that States Parties must base their actions on science. The Convention makes no less than 158 references to science. It requires Parties to act on the basis of scientific evidence for the protection of the marine environment. Similarly, the UNFCCC refers to scientific evidence as the basis for climate action, as does the Paris Agreement, which recognizes the need for an effective and progressive response to the urgent threat of climate change on the basis of the best available scientific knowledge.

Part XII of the Convention is therefore to be interpreted and applied on the basis of the best available scientific evidence. In this way, the scientific evidence identified by the IPCC, and measures indicated by the IPCC, must inform all actions to be taken to meet the requirements of the Convention.

That evidence, and the measures indicated, include quantified indications of the deep emission reductions that are needed to close the emissions gap and avoid risks of catastrophic irreversible harm to the marine environment.

The science informs the law and, accordingly, the law is about numbers, in relation to both Part XII obligations as well as those under the international climate regime. Those numbers include the quantities of greenhouse gases actually emitted and the scale of reductions required, down to net zero.

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66 See e.g. written statement of Indonesia at para. 82(b): “There is no specific obligation of the States Parties to the Convention to prevent, reduce and control pollution of the marine environment in relation to the deleterious effects that result or are likely to result from climate change, as well as to protect and preserve the marine environment in relation to climate change impact.”

67 See e.g. articles 61, 119, 200-201, 204 and 234 of UNCLOS.

68 See articles 4(1) and (5), 7(5)(7) and 14(1) of the Paris Agreement.

69 Paris Agreement, Preamble.


Article 300 of the Convention imposes upon the Parties an obligation to act in "good faith" and in the context of the emissions and production gaps to which Professor Sands has referred, good faith, as with the Paris Agreement, requires ambition and effectiveness. A lack of urgency would run counter to the science and, we say, counter to the law.

Mr President, science provides the basis for determining the rules and standards necessary for the prevention, reduction and control of greenhouse gas pollution, as required by article 194, and Section 5 of Part XII, taking into account articles 197, 200 and 201. Article 194 requires Parties to take “all measures ... that are necessary to prevent, reduce and control pollution of the marine environment from any source”. What is “necessary” must be assessed objectively, on the basis of the science and the temperature goal, reinforced by the customary obligation to ensure that activities respect the environment of other States and areas beyond national control, as well as the principles I have already mentioned.

Emissions of greenhouse gases are a form of pollution within the meaning of article 1(1)(4) of the Convention, as the great majority of participating States agree. Mauritius invites the Tribunal to recognize expressly that greenhouse gas emissions are pollution within the meaning of the Convention, and that they therefore are governed by Part XII.

Mauritius further invites the Tribunal to confirm that the relationship between the Convention and the international climate regime is based on a coherent and harmonized approach, one that gives full effect to article 293, and also to article 31(3)(c) of the Vienna Convention on the Law of Treaties, which the International Law Commission Study Group has invoked in recognizing the dynamic nature of the international legal order. Indeed, this Tribunal has always proceeded on the basis of seeking coherence between the Convention and other rules of international law.

Coherence requires compliance with nationally determined contributions and related obligations under the Paris Agreement, including in relation to due diligence, but it also requires more. Nationally Determined Contributions may not currently address their implications for the marine environment. While some emissions, including those from vessels and aviation are not yet consistently included in Nationally Determined Contributions, due diligence obligations under Part XII expressly require Parties to address greenhouse gases emissions from “all” sources. In this way, the obligations under the Convention go beyond current practice under the UNFCCC and the Paris Agreement.

Article 2(2) of the Paris Agreement provides that it will be implemented to “reflect equity and the principle of common but differentiated responsibilities and respective capabilities, in the light of different national circumstances.” Mauritius invites the
Tribunal to confirm that this principle is applicable under the Convention. Small Island Developing States, like Mauritius, have contributed the least to global emissions of greenhouse gases but face existential threats as a result of those emissions.

The Tribunal has previously recognized the importance of precaution in taking actions under the Convention. Mauritius invites the Tribunal to confirm that in the face of uncertainty as to the effects of climate change, a precautionary approach is required under customary law, as reflected in Principle 15 of the Rio Declaration on Environment and Development.

Mr President, distinguished members of the Tribunal, in summary, what we are saying is that the requirements of the Convention are to be interpreted and applied taking into account the requirements of the UNFCCC and the Paris Agreement, but those treaties do not exclude the application of the Convention to climate change, and they do not limit the obligations that arise. Both regimes are informed by climate science presented by the IPCC and UNEP. The law can require, support and frame an effective response to climate change but only if it is based on the science and the international climate goals agreed in response to that science.

Mauritius invites the Tribunal to confirm that specific obligations under Part XII are informed by, and must be framed by, the science and the grave risks it has identified.

I thank you for your kind attention and invite you to call Professor Sands back to the podium.

THE PRESIDENT: Thank you, Ms Cook. We have now reached 11:30. At this stage the Tribunal will withdraw for 30 minutes. We will continue at 12:00.

(Short break)

THE PRESIDENT: Please be seated. I now give the floor to Mr Sands to continue his statement. You have the floor, Sir.

MR SANDS: Thank you very much, Mr President, members of the Tribunal, I turn now to the substantive responses to the questions posed in the request: what are the specific obligations of the Parties to the Convention? And you could say that these are innumerable. So we’re going to focus on what we consider to be those areas in which this Tribunal can perhaps offer the greatest assistance. And these are mostly in relation to Part XII, but not exclusively.

The first area, intimately related to the science, is the fundamental goal: to confirm that the IPCC’s 1.5°C temperature goal informs the interpretation and application of all obligations under Part XII. This is now an internationally agreed threshold under the Paris Agreement, and it is one that reflects a minimum commitment to prevent undue harm to the marine environment.75 The goal is a specific expression of the

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75 The risks associated with four of the IPCC's Reasons for Concern—extreme weather events, disproportionate distribution of impacts, global aggregate impacts, and large-scale singular events—moves from moderate to high once average global temperature rise exceeds 1.5°C above pre-industrial levels: SR 1.5, p. 254.
UNFCCC’s objectives to prevent dangerous anthropogenic interference with the climate system.\(^{76}\)

It is also an internationally agreed commitment to “significantly reduce the risks and impacts” of climate change.\(^{77}\) A failure to give effect to this goal will of itself be inconsistent with articles 192, 193 and 194 of the Convention, and will expose Parties to the risk of responsibility and liability under the Convention. Mauritius joins others in submitting that this temperature goal limits the Parties’ discretion under article 194 of the Convention.\(^{78}\)

The temperature goal as an “international rule or standard” must be taken into account, as articles 207 and 212 require, and it must be complied with, as article 211 provides. Relatedly, the Part XII obligations may require, as Ms Cook said, even more actions informed by specific emission pathways that have been identified by the IPCC as necessary to achieve the temperature goal because, as the IPCC has made clear, and I quote, “even short periods of overshoot … are expected to be extremely damaging to coral reefs.”\(^{79}\)

Our second key area: Mauritius invites the Tribunal to confirm that the Convention requires all Parties to act with due diligence in relation to any activity that may give rise to greenhouse gas emissions that may harm the marine environment, directly or indirectly. This point is, of course, supported by the great majority of States participating in these proceedings who have also agreed – if I have listened with sufficient care – that the due diligence standard is to be an exacting one.

As the Tribunal itself has confirmed in an earlier advisory opinion – and I quote, “[t]he standard of due diligence has to be more severe for the riskier activities”,\(^{80}\) end of quote – burning fossil fuels is a most risky activity.

What this means is that as the risk increases, the standard of due diligence becomes more stringent. As many participating States have noted, the IPCC has expressed with a “high degree of confidence” that “[e]very increment of global warming will intensify multiple and concurrent hazards”.\(^{81}\) The additional risks posed by temperatures rising by more than 1.5°C necessarily means that, if the emissions gap is to be closed, Part XII requires the due diligence standard to be applied strictly.\(^{82}\)

What does due diligence mean in practice? On the basis of the science and of the Paris Agreement, it means that Part XII of the Convention, and article 194 in particular, requires each State Party to quantify all greenhouse gas emissions from any source. Such emissions must then be assessed and justified against the remaining carbon budget, as identified by the IPCC. This quantitative assessment – numbers – is required by the UNFCCC, the Paris Agreement and, we submit, also by

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\(^{76}\) Article 2(1)(a) of the Paris Agreement and article 2 of the UNFCCC.

\(^{77}\) Article 2(1)(a) of the Paris Agreement.

\(^{78}\) Written statement of Portugal, para. 67.

\(^{79}\) IPCC, SR 1.5, p. 230.

\(^{80}\) Responsibilities and obligations of States sponsoring persons and entities with respect to activities in the Area (Request for Advisory Opinion submitted to the Seabed Disputes Chamber), para. 117.

\(^{81}\) IPCC, AR6, SYN, B.1.

\(^{82}\) See written statement of Belize, para. 89(b).
this Convention. If there is any uncertainty as to specific impacts of climate change
on the marine environment, then as we’ve said, precaution cuts in under the
Convention and may require even more actions.

Quantified assessments are precautionary and necessary to determine whether a
State Party has complied with the Convention, in particular whether it has utilized the
best efforts and taken “all necessary measures” to protect the environment. We
have taken note of the question about obligations of conduct or of result, and we’re
not sure that that much turns upon it. But unlike my good friend Professor
Paparinskis, we would say, this is also an obligation of result.

The days of generalized commitments of waffle about article 192 and 194 are surely
over. You must, in your advisory opinion, we respectfully submit, talk about numbers.

Due diligence has another element: to protect the marine environment, we say that
every State Party must ensure that the measures it takes to reduce greenhouse gas
emissions do not, of themselves, cause pollution by other means of the environment.
This is required by articles 192 and 194, but also by article 195, which prohibits the
transfer, directly or indirectly, of one type of pollution into another.

And this approach applies to all sources of greenhouse gas emissions. For example,
land-based sources, which are relevant under the Convention, due diligence is
governed by article 207(5), which requires measures “designed to minimize, to the
fullest extent possible, the release of toxic, harmful or noxious substances, especially
those which are persistent”. It is not disputed that greenhouse gases are persistent
in their effects.

In relation to atmospheric pollution, the due diligence standard requires article 212 to
be read consistently with the temperature goal and the mitigation framework
established under the Paris Agreement.

There is another aspect of due diligence that is important. The Tribunal has stated
that in exercising rights and performing duties under the Convention, States Parties
must have regard to the rights and duties of one another. Climate change is a
common concern of humankind, which means that this obligation is all the more
significant: reducing emissions, and closing the emissions gap, is an obligation that
requires an individual effort and a collective effort.

And the due diligence standard is also closely connected to the obligation to assess
activities before they are implemented. And in this regard, article 206, we say, is of
singular importance. Any planned activities that will emit greenhouse gases – that
includes the production and use of any fossil fuel – will contribute to causing
“substantial pollution” and “significant and harmful changes to the marine
environment”.

83 Responsibilities and obligations of States sponsoring persons and entities with respect to activities
in the Area (Request for Advisory Opinion submitted to the Seabed Disputes Chamber), para. 110.
84 IPCC, SR 1.5, C.2 p. 17.
85 Request for an Advisory Opinion submitted by the Sub-Regional Fisheries Commission (SRFC),
ITLOS Advisory Opinion, paras. 130-140.
It follows that the Convention requires States to assess those potential effects from all sources and to do so before the activity takes place. This obligation is consistent with the Paris Agreement and assessment obligations under international law more generally in relation to transboundary environmental harms.\textsuperscript{86}

In short, due diligence under the Convention requires States Parties to assess cumulative greenhouse gases from all planned activities – projects, programmes, investments, financings, policies, absolutely everything. And this includes all Scope 1, Scope 2 and Scope 3 emissions.\textsuperscript{87} Assessments must also, to be clear, be carried out in a transparent manner.\textsuperscript{88}

I turn to our third key point. Mauritius invites the Tribunal to underscore the cardinal importance of article 197 of the Convention: States Parties must cooperate, directly or through competent international organisations, on international rules and standards to protect and preserve the marine environment. In the \textit{MOX Plant} case, the Tribunal rightly emphasized, we believe, the fundamental nature of this obligation to cooperate.\textsuperscript{89}

And in this context, cooperation has at least three significant elements under the Convention.

First, Parties must engage constructively in efforts to develop more international rules and standards to prevent climate change so as to protect the marine environment against its adverse consequences.

Second, Parties must act consistently with relevant international rules and standards under the international climate regime, including technical and procedural standards for reporting all their greenhouse gas emissions.

And third, Parties must cooperate to ensure that all relevant sources of emissions of any greenhouse gases are covered. And this means, by way of example, that the venting and flaring of methane from offshore oil and gas infrastructures is subject to all of the constraints imposed by the Convention.

Mr President, I turn to the fourth key area: Mauritius invites the Tribunal to confirm that due diligence under the Convention also imposes obligations on adaptation to the impacts of climate change on the marine environment. What this means in practical terms is that special regard must be paid to those most affected by such impacts, including the most vulnerable States and communities, and that technical

\textsuperscript{86} Certain Activities Carried Out by Nicaragua in the Border Area (Costa Rica v Nicaragua) and Construction of a Road in Costa Rica along the San Juan River (Nicaragua v. Costa Rica), Judgment, ICJ Reports 2015, p. 665, para. 104.

\textsuperscript{87} The GHG Protocol Corporate Standard classifies a company’s GHG emissions into three “scopes”. Scope 1 emissions are direct emissions from owned or controlled sources. Scope 2 emissions are indirect emissions from the generation of purchased energy. Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.

\textsuperscript{88} See articles 4(13) and article 13 of the Paris Agreement.

\textsuperscript{89} \textit{MOX Plant (Ireland v. United Kingdom)} Provisional Measures, Order of 3 December 2001, ITLOS Reports 2001, para. 82.
and financial assistance is required as a matter of binding legal obligation under the Convention.

Let’s be clear again: the IPCC has told us that climate change is happening, and that the impacts on the marine environment are going to be grave and irreversible in some cases. Article 192 obliges States Parties to address all of those impacts, period. The nature and extent of those obligations are informed by the terms of the Paris Agreement and by the science: to enhance adaptive capacity, to strengthen resilience and to reduce vulnerabilities. The Paris Agreement requires Parties, in addressing adaptation, to act on the basis of the best available science and, as appropriate, very importantly for many countries and communities, traditional knowledge, knowledge of Indigenous peoples and local knowledge systems. These principles inform the obligations under Part XII. They inform, for example, the obligation under article 194(5), which is of particular significance to Mauritius, to protect and preserve fragile ecosystems, endangered species, and other forms of marine life.

The IPCC has highlighted the impacts on those who depend for their well-being and livelihoods on the marine environment by increased exposure to extreme weather events, adverse impacts on fisheries, and coastal inundation and erosion resulting from sea-level rise.

Mauritius is already impacted by these events and we say that the Convention requires action to mitigate these and other effects of climate change to support increased resilience and to reduce the vulnerabilities. And in this regard, articles 202 and 203 of the Convention appear to us to be of singular importance, interpreted and applied in a manner that gives effect to the general principle under international law of common but differentiated responsibility. The Convention requires Parties to have regard to the needs of the most vulnerable and impecunious developing countries, by providing technical assistance and allocating appropriate funds.

On mitigation and adaptation, the Convention is not silent. It has to be interpreted and applied to give effect to the requirements of the Paris Agreement. Its article 2(1)(c) emphasizes the need for flows of finance to contribute to “low greenhouse gas emissions and climate-resilient development”.

Its article 9(1) requires developed country Parties to provide financial resources to assist developing country Parties for mitigation and adaptation. And the Standing Committee on Finance to the UNFCCC and Paris Agreement has recently emphasized that finance flows must reduce the likelihood of negative climate outcomes. For its part, the IPCC has emphasized that climate goals can only be met by financing adaptation and mitigation on a far greater scale than is already happening.

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90 Article 7(5) of the Paris Agreement.
92 IPCC, AR6, SYN, SPM, A.4.5.
Now, some may ask, what has all of this got to do with the Convention? We say this: articles 192 and 194 impose positive obligations on States Parties, and those obligations encompass an obligation to provide adequate investments to reduce greenhouse gas emissions, as well as an obligation not to finance those measures which will lead to emissions that are not consistent with the 1.5°C goal; for example, on the financing of fossil fuel reduction.

Article 202 is to be interpreted and applied to require States to provide appropriate assistance to developing States, to minimize the effects of climate change and to assist in preparing their environmental assessment.

Article 203 imposes an obligation to provide preferential treatment to developing States not as a matter of largesse or generosity, but by operation of law. The Tribunal’s affirmation of these points can go some considerable way in enhancing cooperation.

I turn to our fifth area. Mauritius invites the Tribunal to confirm that article 235 of the Convention, which is in Part XII, is engaged by climate change and its consequences. That provision makes clear that every State is responsible for the fulfillment of its obligations to protect and preserve the marine environment from the effects of climate change, and that a failure to meet its responsibilities will give rise to liability under international law.

Of particular importance is one cardinal principle: a failure to give effect to the best available scientific evidence, in this case the IPCC, will, we say, expose a State Party to the risk of liability under the Convention as well as general international law. And this Tribunal should be clear in what it says in relation to article 235. If you wish to avoid liability, follow the science. Ignore the science at your peril.

Now, some States – and we know who they are and why they say this – have suggested that this Tribunal should somehow avoid addressing article 235 even though it’s in Part XII. We respectfully disagree. The specific obligations to which the two questions refer are directly and pertinently relevant to matters of responsibility and liability under article 235(1) which makes clear that States are responsible for the fulfillment of their international obligations and shall be liable in accordance with international law. Those international obligations include the obligation under the Convention to prevent climate change and the adverse effects of emissions. Those obligations are informed by, but not limited to, obligations arising under the Paris Agreement.

Loss and damage, as you are aware, have become a central focus of the international agenda, including but not limited to, the Paris Agreement. Parties to the Paris Agreement are required to avert, minimize and address loss and damage from climate change. Those commitments, Paris commitments, are entirely and juridically distinct from the requirements of article 235.

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93 See written statements of Australia and Portugal (amongst others).
94 See article 8 of the Paris Agreement and the COP27 Fund.
95 Article 8(1) of the Paris Agreement.
They do not seek to extinguish the application of that provision or other analogous provisions. And article 235 may come to assume particular importance to Small Island Developing States like Mauritius, amongst others, whose very existence may be threatened by the actions of others. The well-being of the marine environment and its coastal zones, and the need to avoid harm to human health and fishing and other activities, are all explicitly encompassed by the definition of pollution in article 1(1)(4) of the Convention. The IPCC has addressed these and other hazards.\(^96\) It has highlighted the threats to life and to human rights posed by the impacts of climate change on the marine environment, and the consequential need for early warning systems and coastal defences.\(^97\)

In the context of Part XII as a whole, and having regard to the International Law Commission’s Draft articles on State Responsibility, in our submission, article 235 is engaged and imposes distinct obligations under the Convention, where a State Party fails to act with due diligence and on the basis of the best available science.\(^98\) Of course, the application of article 235 will always turn on the facts of a particular situation, which we say necessarily includes historic emissions. But let us be clear: those States that have emitted the most since the age of industrialization bear the greatest responsibility to make the deepest cuts in emissions today.

Mauritius’ contribution to the grave threat of climate change is miniscule, but it is on the front line of vulnerability. Why should Mauritius bear the burden of losses caused by the actions and enrichment of others? Why should Mauritius not be able to invoke its rights under all of the Convention, all of Part XII, including article 235? Mauritius, and every other Party, is entitled to hold others to account under article 235 – any Party that has breached its obligations under the Convention to protect and preserve the marine environment. This, we hope, the Tribunal will state clearly and without ambiguity.

If you pass in silence on this point, you will in effect create an incentive for States to do nothing.

Mr President, I turn to our sixth point: Mauritius invites the Tribunal to confirm in this advisory opinion that sea-level rise, a consequence of pollution that is not permitted by reference to the requirements of Part XII, will not affect existing maritime claims or entitlements. This should be so where a State has claimed maritime entitlements on the basis of maritime features prior to sea-level rise, or where claims or boundaries have been agreed by States, or where they have been determined by an international court or tribunal.

There is, in other words, no obligation under the convention or Part XII as a consequence of rising sea levels caused by pollution for a coastal State to revisit its maritime boundaries. This is intimately connected to issues of obligations in relation to Part XII. And this is a matter of particular importance for a country like Mauritius and so many other coastal States.

\(^{96}\) SROCC.
\(^{97}\) IPCC, AR6, SYN, SPM, A.3.2. See also: Human Rights Committee General Comment No. 36 on the Right to Life, at para. 62.
\(^{98}\) Article 194(1).
Mauritius and the Maldives recently appeared before a Special Chamber of this Tribunal to resolve a long-standing dispute over their maritime boundary. The boundary delimited by the Tribunal was based on maritime features – Peros Banhos Atoll, Salomon Islands Atoll and Blenheim Reef in the case of Mauritius, and Addu Atoll in the case of Maldives. All are gravely threatened by sea-level rise. We trust that the Tribunal will confirm that the maritime boundary it determined in this case, as it has in other cases, and all other maritime boundaries it has confirmed, will not be affected by sea-level rise. If you don’t say something about this aspect, there’s another international court that is waiting to do so, and we hope you will address this point.

Sea-level rise is affecting maritime features, and Ambassador Koonjul has told you how, in terms of measurable increases in sea-level rise. The location of basepoints, the drawing of baselines, the delimitation of maritime boundaries and entitlements up to and beyond 200 nautical miles are all affected, apparently, by pollution of greenhouse gases.

The Tribunal can do a lot therefore to promote stability in international relations and certitude that is at the heart of any legal order by addressing this issue. It’s a golden thread that runs through international practice and decisions relating to maritime spaces and boundaries.

And three particular situations come to mind. The first is when a maritime boundary has been determined by an international court or tribunal, as in the case before which Mauritius recently appeared here in Hamburg. The arbitral tribunal in *The Bay of Bengal Maritime Boundary Arbitration* resisted the suggestion that its preferred equidistance line could later be affected by consequences of climate change.99

A second situation is where a State has deposited with the Secretary-General of the United Nations material to describe the outer limits of its continental shelf up to 200 nautical miles. We say it would be enormously helpful, in terms of stability and certitude, if the Tribunal could confirm that such descriptions apply “permanently” in accordance with article 76(9) of the Convention and will not be affected by sea-level rise, which is caused by the pollution caused by others. Why should Mauritius have to suffer uncertainty in relation to its maritime boundaries because of pollution inconsistent with the requirements of the Convention that have been caused by other States? That is not right and it would not be in accordance with the law.

A third situation is where a State has submitted material in support of a continental shelf entitlement beyond 200 nautical miles to the Commission on the Limits of the Continental Shelf, pursuant to article 76(8). That provision is clear in providing that the limits of the shelf established pursuant to that process shall be final and binding, but it doesn’t address the possible effects of sea-level rise, which may intervene in the regrettably lengthy period which now exists between material being submitted and a Commission recommendation being made. Again, this Tribunal can do much for stability and certitude by confirming that sea-level rise will not affect such determinations.

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99 *Bay of Bengal Maritime Boundary Arbitration between Bangladesh and India*, Award, 7 July 2014, paras. 217 & 213-220.
The key issues here are stability and certitude in the legal order, and we say they would be undermined if you indirectly or by silence say nothing on this, which effectively would be used by those who wish to say that pollution can cause boundaries to shift. Small and low-lying States have stated a clear and common view that their baselines and maritime entitlements must not be affected by rising sea-levels. An overwhelming majority of all States support that position of principle. The International Law Association rejected the notion of ambulatory baselines in the context of sea-level rise and the International Law Commission has followed suit, noting that there was no language in text of the Convention to support a different approach. We do invite the Tribunal to speak, with its customary authority, on this absolutely essential issue.

Mr President, members of the Tribunal, I conclude on behalf of Mauritius. Climate change is real and present as a danger to the global community, to every State Party of the Convention, to all States and other statal entities, indeed, to every single human being.

The challenges ahead are daunting by any standard. We cannot be starry-eyed and imagine that the law alone – or the Law of the Sea Convention alone – will offer some sort of a magic remedy. But the law is important, just as our oceans are important, and the Tribunal for the Law of the Sea is the guardian of that most


important law. If you don’t speak on these issues, the International Court of Justice or others will.

There may be a temptation, as I alerted earlier, to say it is all too complicated, or that the matter is being addressed in other fora. To be clear, the Tribunal will want to be sure that what it says in its advisory opinion does not disrupt the work being done in other fora, in particular under the UNFCCC and the Paris Agreement, even if they do not fully meet the obligations under this Convention. But just as those instruments inform the interpretation of this Convention, so does this Convention inform the engagement of those instruments in relation to the protection of the marine environment. This Convention is distinct from Paris. We live with an integrated legal order, and the relationship goes in two ways, which is why this advisory opinion is so potentially very important.

It can lead the way. It can encourage other international courts and tribunals – and equally importantly, national courts and tribunals who are now facing these kinds of issues – on how the law of the sea and the applicable law under the Convention can be harnessed to protect our oceans and our planet.

This Tribunal has never shirked its responsibilities. It has, in so many of its cases, not least the Advisory Opinions of 2011 and 2015, spoken in a clear voice, one that has avoided platitudes; one that is not passed in silence on the most difficult issues. And so, by way of conclusion, Mauritius invites the Tribunal to so speak again in this truly most important of matters.

Mauritius expresses the hope that the Tribunal will offer clear guidance in the following ways:

first, the science is established;

second, all relevant obligations under the Convention are informed by the science;

third, those obligations under the Convention are distinct but necessarily informed by and consistent with other rules of international law, in particular, but not limited to, the UNFCCC and the Paris Agreement;

fourth, that the internationally agreed 1.5°C temperature goal informs specific obligations under the Convention, but does not limit those obligations;

fifth, to protect the marine environment from greenhouse gas emissions, particularly from fossil fuel emissions, States Parties must act in accordance with a standard of due diligence, including in relation to prior environmental assessment;

sixth, the duty of cooperation in relation to the protection of the marine environment is paramount in closing gaps in the regulation of greenhouse gases, including emissions gaps and production gaps;

seventh, the obligation of due diligence covers mitigation and adaptation, including the requirement to provide technical and financial assistance;
eighth, article 235 of the Convention is applicable to the consequences of climate
change to the marine environment;

and ninth, baselines, maritime entitlements and boundaries shall not be affected by
sea-level rise in the context in which I have addressed.

Mr President, members of the Tribunal, this concludes the oral statement of
Mauritius. We thank you truly for your kind attention.

THE PRESIDENT: Thank you, Mr Sands. I now give the floor to the representative of
the Federated States of Micronesia, Mr Mulalap. You have the floor, Sir.

MR MULALAP: Mr President, distinguished members of the Tribunal, good day. It is
a tremendous honour for me to deliver an oral statement on behalf of the Federated
States of Micronesia in the present case.

This statement will supplement the written statement that was submitted by the
Federated States of Micronesia to the Tribunal earlier this year. For the sake of
brevity, I will not repeat the factual recitations and the arguments advanced by the
Federated States of Micronesia in our written statement unless necessary. Those
recitations and arguments, of course, remain endorsed by the Federated States of
Micronesia. Additionally, I wish to inform the Tribunal that for the rest of this oral
statement, I will refer to the Federated States of Micronesia as simply “Micronesia.”

For this oral statement, I will address four main points that build on Micronesia’s
written statement, respond to certain points raised in other statements in the present
case and introduce a number of additional elements. The four main points are:

first, the jurisdiction and discretion of the Tribunal to issue the advisory opinion
requested by the Commission of Small Island States on Climate Change and
International Law, or COSIS;

second, the deficiencies in focusing narrowly on the United Nations Framework
Convention on Climate Change (UNFCCC) and the Paris Agreement, when
determining the relevant sources of rules, standards, practices and procedures that
inform the implementation of obligations in the United Nations Convention on the
Law of the Sea, UNCLOS, particularly its Part XII;

third, the applicability of international human rights, the rights and knowledge of
Indigenous People and the rights of nature; and

fourth, the relevance of rules on the responsibility of States for internationally
wrongful acts.

On the jurisdiction of the Tribunal to issue the advisory opinion requested in the
present case, Micronesia acknowledges that a number of statements in the present
case either do not take a definitive position on the question of advisory jurisdiction or
raise notes of caution regarding the Tribunal’s exercise of such jurisdiction – with
some statements calling on the Tribunal to provide a careful articulation, if not a
reconsideration, of the bases for its advisory jurisdiction as a full body.
Micronesia recalls that the Tribunal has already articulated in Case No. 21, with authority and conviction, that the Tribunal has jurisdiction to issue advisory opinions as a full Tribunal if certain prerequisites are first met. As articulated in our written statement, and as demonstrated by most other statements in the present case, it is Micronesia’s view that the request from COSIS meets all of those prerequisites. We will not recap those statements today.

We do want to add, however, that in the years since Case No. 21, the international community has signalled strong support for the Tribunal’s exercise of advisory jurisdiction as a full Tribunal. We point to the adoption in June of this year of the final text of the so-called BBNJ Agreement, whose article 47(7) authorizes the Conference of the Parties to the BBNJ Agreement to request an advisory opinion from the Tribunal on a particular legal question. This article was negotiated and finalized with a view to meeting the prerequisites for seizing the Tribunal’s advisory jurisdiction as a full Tribunal that the Tribunal identified in Case No. 21.

The BBNJ Agreement was negotiated as an international legally binding instrument under UNCLOS by all States Parties to UNCLOS. Indeed, the President of the Tribunal referenced this development in his remarks to the 33rd Meeting of States Parties to UNCLOS in New York earlier this year, where he said, among other things, that “[t]he inclusion of such a provision in the new agreement reflects the potential usefulness of advisory opinions when dealing with complex ocean governance issues.” Therefore, depending on when the BBNJ Agreement enters into force, it is poised to represent either subsequent State practice or subsequent agreement of UNCLOS States Parties that is relevant to the interpretation of UNCLOS, including the provisions of UNCLOS and integral subsidiary documents pertaining to the advisory jurisdiction of the Tribunal.

This issue of advisory jurisdiction should no longer be doubted, let alone be the subject of outright dispute. The strong positive engagement by the international community in the present case underscores this point. We encourage the Tribunal to reaffirm its advisory jurisdiction, as established in Case No. 21, rather than weaken that jurisdiction in any manner.

With respect to the Tribunal’s discretion to issue an advisory opinion requested in the present case, Micronesia reiterates that the general rule regarding discretion is whether there are “compelling reasons” for the Tribunal to choose not to exercise its advisory jurisdiction. Not only does Micronesia not know of any such compelling reasons, it is our view that the inverse is true, namely, that there are numerous compelling reasons for the Tribunal to exercise such advisory jurisdiction.

We point to the groundswell of support in the international community for the issuance of advisory opinions relating to anthropogenic greenhouse gas emissions, such as the current advisory proceedings before the Inter-American Court of Human Rights and the International Court of Justice. Synergies between this Tribunal and those other advisory proceedings will be key.

We point as well to the clear and alarming evidence, as reported by the Intergovernmental Panel on Climate Change as well as captured in the Synthesis Report for the technical dialogue for the first Global Stocktake under the Paris
Agreement, that anthropogenic greenhouse gas emissions are the predominant cause of what the United Nations Secretary-General calls the “global boiling” and “climate breakdown” now afflicting the Earth, including the marine environment. There is no more time for delay, caution and deferral, including by States Parties to UNCLOS.

I will now address several substantive elements pertaining to the questions presented by COSIS in the present case, with a reminder that, in our written statement, Micronesia has joined the overwhelming majority of submissions in asserting that anthropogenic greenhouse gas emissions constitute pollution of the marine environment under UNCLOS. I begin with the role of the UNFCCC and the Paris Agreement (which I will at times collectively call the “UNFCCC regime”) in the identification of other rules of international law not incompatible with UNCLOS, including internationally agreed rules, standards and recommended practices and procedures that pertain to the pollution, protection and preservation of the marine environment, including as reflected in Section 5 of Part XII of UNCLOS.

We acknowledge that a number of written statements in the present case emphasize the centrality of the UNFCCC and the Paris Agreement to the international legal infrastructure applicable to addressing climate change. However, we stress that while the UNFCCC and the Paris Agreement are key international instruments for tackling the climate crisis, particularly with respect to establishing the long-term temperature goal in article 2 of the Paris Agreement, they are not the sole sources of applicable international law, and this Tribunal must avoid the trap of being narrowly focused on the UNFCCC regime.

For example, the International Maritime Organization and the International Civil Aviation Organization address gaps in the UNFCCC regime pertaining to emissions from shipping and aviation, respectively. The Vienna Convention for the Protection of the Ozone Layer and its Montreal Protocol on Substances that Deplete the Ozone Layer as well as the Kigali Amendment address short-lived but highly impactful climate pollutants that are not directly regulated by the UNFCCC regime. The Parties to the Convention on Biological Diversity recently adopted the Kunming-Montreal Global Biodiversity Framework which, among other things, contains Targets 8 and 11 addressing the relationship between anthropogenic greenhouse gas emissions and biological diversity, including in the marine environment.

Therefore, in terms of treaty law, it is clear that the UNFCCC regime is neither the sole nor the final authority for climate action under international law. The UNFCCC and the Paris Agreement establish a long-term temperature goal for addressing the climate change crisis, but other sources of international law play important roles in achieving and complementing that goal, including through measures that have greater degrees of legal bindingness than much of the Paris Agreement, such as in the Montreal Protocol and Kigali Amendment. This, in turn, helps States Parties satisfy their obligations in UNCLOS pertaining to the pollution, protection and preservation of the marine environment.

Put another way, if the UNFCCC regime is currently insufficient for preventing, reducing and controlling pollution of the marine environment as well as protecting and preserving the marine environment, then States Parties to UNCLOS that are
also Parties to the UNFCCC and the Paris Agreement must push the UNFCCC regime to be more effective in addressing harms to the marine environment, while also pursuing complementary efforts with greater binding effect under other relevant intergovernmental processes and multilateral instruments, including the assumption of legally binding emission reduction obligations.

Additionally, while we acknowledge that a prominent element of Part XII is the duty to cooperate, we agree with COSIS that adherence to the UNFCCC regime is not sufficient to satisfy the duty to cooperate. There is a need to cooperate beyond those instruments if current cooperation through those instruments is insufficient to achieve the objectives envisioned by UNCLOS for such cooperation.

We also agree with COSIS that the duty to cooperate does not displace individualized State obligations under UNCLOS to take national action regarding the pollution, protection and preservation of the marine environment. In sum, the UNFCCC regime cannot represent the lowest common denominator preventing more robust global and domestic action by members of the international community because of a misplaced (or bad faith) reverence by States of the UNFCCC regime, to the exclusion of other valid processes and approaches. That sort of thinking, we submit, is not supported by the law, and it is part of the reason we are in a climate crisis today.

As a necessary corollary, States Parties to UNCLOS can act within UNCLOS itself to regulate anthropogenic greenhouse gas emissions in order to address the pollution, protection and preservation of the marine environment, taking into account the work done under the UNFCCC regime and other international legally binding instruments but not necessarily being limited by such work.

If the UNFCCC regime and other such instruments did not exist, States Parties to UNCLOS would still be obligated under UNCLOS to prevent, reduce and control pollution of the marine environment as well as to protect and preserve the marine environment from the harms caused from anthropogenic greenhouse gas emissions. The relevant obligations in UNCLOS have inherent and independent force.

Because of painful political compromises, the UNFCCC regime is unable at the moment to impose legally binding emission reduction targets on its Parties that are necessary to achieve the long-term temperature goal of the Paris Agreement, but that does not prevent States Parties to UNCLOS from adopting such targets for ourselves domestically or in other intergovernmental processes – or from being compelled by a competent tribunal to adopt such targets for ourselves – in order to discharge our obligations under UNCLOS with respect to the pollution, protection and preservation of the marine environment.

I turn now to the applicability of international human rights and related matters to the present case. A number of statements in the present case – including Micronesia’s own written statement as well as the statements from Chile and Nauru that we heard the other day and from Mauritius today – highlight the relevance of international human rights to the consideration of the harms to the marine environment caused by anthropogenic greenhouse gas emissions.
Indeed, just because human rights feature prominently in other advisory proceedings pertaining to climate change under other bodies, that is not a sufficient reason for this Tribunal to refrain from addressing human rights. Human rights apply to all peoples at all times and in all spaces, including with respect to the marine environment. This Tribunal has an opportunity to provide an important contribution to international law in a manner that will substantively inform future advisory proceedings that touch on the nexus between human rights and anthropogenic greenhouse gas emissions. The Tribunal should not shy away from this opportunity.

How, exactly, should the Tribunal characterize the interplay between international human rights and UNCLOS? One way to think about this is that international human rights are part of the corpus of internationally agreed rules, standards, practices and procedures that must be taken into account – if not actively pursued and implemented – when determining what steps must be taken by UNCLOS States Parties to address the pollution, protection and preservation of the marine environment from harms caused by anthropogenic greenhouse gas emissions.

Additionally, as indicated by the representative of Chile the other day, article 293 of UNCLOS, as interpreted by the Tribunal in Case No. 21, allows for the Tribunal to apply “other rules of international law not incompatible with [UNCLOS]” in advisory proceedings, and international human rights can be deemed to form part of such “other rules”.

To put this interplay into action, States Parties to UNCLOS must work through all intergovernmental processes and multilateral instruments pertaining to the climate crisis, including, but not limited to, the UNFCCC regime, as well as in domestic contexts in order to prevent, reduce and control anthropogenic greenhouse gas emissions to such an extent as to ensure that all peoples are able to enjoy the full sweep of human rights associated with a healthy marine environment, including the right to life, the right to sustenance – which we heard today – the right to productive economic activity, the right to self-determination – which we heard today as well – and the right to cultural practice, not to mention the standalone right to a clean, healthy and sustainable environment, as recognized in the United Nations General Assembly resolution 76/300.

If such peoples are not able to enjoy those human rights to that full extent because of harms to the marine environment from anthropogenic greenhouse gas emissions, then that is strong evidence that the measures taken by UNCLOS States Parties to address the pollution, protection and preservation of the marine environment are legally insufficient. This is a failure of States as States Parties to UNCLOS, as well as a failure of these States as duty bearers under international human rights law. Put simply, the marine environment is not truly protected and preserved under UNCLOS, including from pollution, if those who have human rights that are dependent on a healthy marine environment cannot fully enjoy those rights.

At this point, a special mention must be made of the rights of Indigenous Peoples, whether they are considered a subset of international human rights or a separate body of rights under international law.
International law – including as reflected in the United Nations Declaration on the Rights of Indigenous Peoples – recognizes that Indigenous Peoples have collective rights pertaining to the safeguarding, conservation, development and sustainable use of their traditional territories, including coastal and maritime spaces. And harms to such traditional territories from anthropogenic greenhouse gas emissions also represent, in our view, harms to the enjoyment by Indigenous Peoples of their relevant rights. These rights must be viewed as being part of international rules, standards, practices and procedures pertaining to the pollution, protection and preservation of the marine environment from harms caused by anthropogenic greenhouse gas emissions.

UNCLOS States Parties must work through various intergovernmental processes pertaining to the climate crisis, as well as in domestic contexts, to prevent, reduce, and control anthropogenic greenhouse gas emissions to the extent necessary to enable Indigenous Peoples to fully enjoy their rights that are dependent on a healthy marine environment. If such enjoyment is not possible due to emissions harming the marine environment, then this again is evidence of a failure of States Parties to satisfy their relevant obligations under UNCLOS.

While on the issue of Indigenous Peoples, Micronesia submits that any consideration of the impacts of anthropogenic greenhouse gas emissions on the marine environment – as well as any decisions on what measures are necessary in order to address those impacts – must take fully into account not just the best available science which we support, but also the relevant knowledge of Indigenous Peoples and local communities pertaining to the marine environment.

We point to references to such knowledge in international legally binding instruments dealing with the marine environment and climate change, such as, for example, the Central Arctic Ocean Fisheries Agreement and the recently adopted BBNJ Agreement, where such knowledge is treated as being on par with and complementary to the best available science and scientific information, including in connection with the conduct of environmental impact assessments under Part XII of UNCLOS.

We also point to references to such knowledge in the Kunming-Montreal Global Biodiversity Framework, including in its Target 3 on the so-called 30x30 initiative as well as in connection with its Targets 8 and 11. The Intergovernmental Panel on Climate Change has accepted Indigenous knowledge as complements to science in its major reports, including for its Special Report on the Ocean and Cryosphere in a Changing Climate as well as in its recent Sixth Assessment Report Cycle.

In the Pacific Islands region, such knowledge remains strong, vibrant and key to understanding the marine environment, including tracking the rapid changes in the marine environment in this era of a climate crisis. We urge the Tribunal to afford appropriate consideration to such knowledge as a complement to its discussion of the importance of the best available science, including in the context of Part XII of UNCLOS.

In addition to international human rights and the rights and knowledge of Indigenous Peoples, Micronesia acknowledges growing interest in the issue of rights of Nature,
namely, that Nature itself, or at least certain ecosystems and components therein, enjoy certain rights that are separate from the rights enjoyed by peoples, and which States must safeguard on behalf of Nature or the components therein. At least one State Party to UNCLOS has enshrined the rights of Nature as a whole, including the marine environment, in its national constitution, while localities in other States Parties to UNCLOS have recognized the rights of certain environmental components in their jurisdictions, drawing in part on Indigenous views of Nature.

To the extent that UNCLOS imposes obligations pertaining to the protection and preservation of the marine environment for its own sake, this raises the intriguing notion that the marine environment, or at least certain components therein, should be deemed to have certain rights under international law, which States Parties to UNCLOS must safeguard, including by preventing dangerous anthropogenic greenhouse gas emission interference with the atmosphere and, by extension, the marine environment.

Indeed, Part XII of UNCLOS, including the key articles 192 and 194, contemplate harm to the marine environment in and of itself, in addition to harm to the enjoyment of the marine environment by humankind. In Micronesia’s view, UNCLOS is worded expansively enough to allow for the potential designation of components of the marine environment as being rights holders.

Finally, I turn to the relevance, to the present case, of rules on the responsibility of States for internationally wrongful acts. Micronesia reiterates, as in our written statement in the present case, that such rules refer to and represent international legal obligations in and of themselves, including obligations pertaining to reparations in the form of restitution, compensation and satisfaction. Additionally, article 235 of UNCLOS – which is in Part XII, as Mauritius emphasized earlier – addresses the responsibility and liability of States Parties to UNCLOS in the context of the protection and preservation of the marine environment, including the obligation to cooperate to assure prompt and adequate compensation in respect of all damage caused by pollution of the marine environment.

Micronesia acknowledges that a number of statements in the present case assert that the scope of the present case should not include questions of the responsibility of States for internationally wrongful acts, given that they are considered “secondary rules” under international law. However, we submit that the wording of the questions in the present case, as submitted by COSIS, does not preclude an expansive view of what is meant by “obligations”, given that secondary rules of State responsibility themselves contain obligations, including obligations whose discharge could lead to the prevention, reduction and control of pollution of the marine environment, as well as the protection and preservation of the marine environment in general.

Such secondary rules include, among other things, the obligation to make reparations that could include the restoration of the marine environment that is harmed; satisfaction of existing treaty requirements regarding the pollution, protection and preservation of the marine environment; and compensation that could be used to finance efforts to protect and preserve other parts of the marine environment not currently harmed, including from pollution.
The request from COSIS refers to obligations without distinguishing between primary and secondary roles, and the Tribunal can very well take a holistic view in this regard.

Micronesia submits that adherence to such rules of State responsibility is essential to addressing the pollution, protection and preservation of the marine environment, including through various forms of reparations, and we are very pleased to come after the delegation of Mauritius, which made many of the same points.

To conclude, please allow me to quote select passages from the Preamble of the Constitution of the Federated States of Micronesia, with some light editing to make them more gender neutral:

"The seas bring us together, they do not separate us. Our islands sustain us, our island nation enlarges us and makes us stronger …. Micronesia began in the days when [humankind] explored seas in rafts and canoes. The Micronesian nation is born in an age when [humans] voyage among the stars; our world itself is an island."

With those images of common purpose, boldness and humanity’s deep connection to a marine environment that is the defining environmental feature of this planet, we stress that a robust, expansive, inclusive advisory opinion from the Tribunal will represent a landmark contribution by the Tribunal to international law on an issue of fundamental importance and profound implications for Small Island Developing States like Micronesia, as well as for the international community as a whole.

We strongly urge the Tribunal to seize this opportunity to provide authoritative guidance and clarity on what States Parties to UNCLOS are obligated to do under the full sweep of international law to curb the dangerous anthropogenic introduction of greenhouse gas emissions into the atmosphere and the marine environment, and by extension, satisfactorily address the pollution, protection and preservation of the marine environment for the benefit of present and future generations of humankind, and for the sake of the marine environment itself on this tiny, fragile, but hopefully enduring “island” we call home as it sails through the cosmos.

Mr President, distinguished members of the Tribunal, this concludes Micronesia’s oral presentation in these advisory proceedings. I thank you very much for your kind attention and patience.

THE PRESIDENT: Thank you, Mr Yow Mulalap. This brings us to the end of this morning’s sitting. The hearing will be resumed at 3:00 p.m. The sitting is now closed.

THE CLERK OF THE TRIBUNAL: All rise.

(Lunch break)