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## **FUTURE WORK OF THE IPCC**

Request by the Principality of Monaco for an IPCC Special Report on the Ocean

(Submitted by the IPCC Secretariat)







Monaco, le

2 9 JAN. 2015

Dr Renate Christ Secretary Intergovernmental Panel on Climate Change Secretariat C/O World Meteorological Organization 7bis Avenue de la Paix

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Objet: Request for an IPCC Special Report on the ocean.

Dear Dr Christ,

The 5<sup>th</sup> assessment report (AR5) of Intergovernmental Panel on Climate Change (IPCC) was approved by governments in 2013 and 2014. It reviews and evaluates the worldwide scientific, technical and socio-economic knowledge available in 2012-2013.

This report provides the state of knowledge in the fields of physical science on the climate system and its changes (WGI), impacts and vulnerability of socio-economic and natural systems (WGII), and options for mitigation (WGIII).

This knowledge is crucial and provides to policymakers and citizens a clear scientific view on climate change and its potential socio-economic and environmental impacts.

AR5 stressed the major role of the ocean by dedicating for the first time several chapters to this theme.

The ocean is currently not subject to specific discussions in the framework of the UNFCCC negotiations. However it is part of the scope of this Convention, which considers that the hydrosphere is a component of the "climate system" as defined in its Article I.

Therefore, it would seem extremely useful and relevant if IPCC could produce a Special Report dedicated to the ocean before the production and the edition of the AR6.

As a continuation of the AR5 chapters dedicated to the ocean, the report would gather in a sole document all the scientific knowledge related to the role of the ocean in the climate system and climate change impacts.

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It would also integrate the updated knowledge since the AR5 release, develop some issues not considered yet, and deepen others, particularly those related to regional aspects.

Such a report would inform policy makers and negotiators on climate, environmental and human challenges of the ocean. It would also allow a better understanding of adaptation measures to be set up and potential mitigation measures to be implemented.

Additionally this report could be used in the negociations within the environmental fora and particularly in the discussions led within the framework of the United Nations for an agreement on marine biodiversity beyond national jurisdictions.

Sincerely yours,

Le Directeur Général, Point Focal du GIEC.

Cyril GOMEZ