1. Background

To assist the Climate Change and Health team on various Public Health and Biodiversity based projects and assist in strengthening partnerships, advocacy, and outreach for mainstreaming links between climate, biodiversity loss, ecosystem degradation, and health across sectors.

An expert is required to (i) continue project management of activities carried out under the new Expert Working Group on Biodiversity, Climate, One Health and Nature-Based solutions, including by preparing online and face-to-face meeting with members of the Expert Working Group, leading the preparation of relevant reports, and coordinating and integrating peer review comments and inputs (ii) development of a report on health and Nature-Based solutions (iii) Technical and scientific inputs in the areas of biodiversity, One Health and sustainable healthy food systems (iv) Representing the climate change and health team at relevant technical meetings, workshops and symposiums (v) finalization and dissemination of guidance on mainstreaming biodiversity for nutrition and health in SIDS (vi) Development of a training module on biodiversity and health (vii) Development of a draft operational framework on biodiversity and health programming and (iii) the piloting of integrated biodiversity and health approaches in the field. (vi) provide scientific and technical support to the Environment, Climate Change and Health Department to address ways in which biodiversity and ecosystem protection can help protect communities, including the most vulnerable populations, from the health impacts of climate change and biodiversity loss (vii) strengthen partnerships, advocacy, and outreach for mainstreaming links between climate, biodiversity loss, ecosystem degradation, and health across sectors.

2. Deliverables

Output 1: Interagency cooperation and cross-sectoral partnerships

a) Assist the Team Leader in leading the activities and preparing the outputs of the Expert Working Group on Biodiversity, Climate Change, One Health, and Nature-based Solutions.

b) Communicate regularly with relevant WHO regional and headquarters staff for additional technical advice and review of the outputs of the Expert Working Group, including regional offices, relevant WHO departments working on One Health and the One Health High Level Expert Panel

c) Strengthen partnerships on biodiversity, climate change, and health (including UN agencies, international and nongovernmental institutions) to identify further opportunities to support the implementation of the SDGs, the UN Decade on Ecosystem Restoration, and the UN Decade of Action on nutrition, and the post -2020 Global Biodiversity Framework.

d) Liaise with other WHO departments and relevant partners of the climate and health team by organizing teleconferences and meetings with a view to co-organizing joint events on biodiversity, Climate, One Health, and Nature-based solutions, as applicable, in the lead up to and including CBD COP 15, UNFCCC COP 27
e) Perform any other duties to be agreed between the supervisors and consultant.

**Output 2: Report on health, biodiversity, and nature-based solutions**

a) Develop a draft document supporting the practical integration of health, biodiversity, and climate change considerations into the design of nature-based solutions.

b) Consult with IUCN and members of the Expert Working Group and relevant regional offices for review of the key messages and integrate and reflect peer review comments in the draft annotated outline and report.

c) Attend the COP15

**Output 3: Technical and scientific inputs and coordination on biodiversity, One Health, and nature-based solutions, including healthy and sustainable food systems**

a) Assist the Climate Change and Health team in relevant technical meetings, workshops, and symposiums, in particular, those addressing the integration of environmental determinants into One Health approaches; biodiversity and sustainable healthy diets, and; Nature-Based solutions, including reports led by UNEP, the IPBES, other WHO departments to support COP 15, COP 27, the Global Plan of Action on Biodiversity and Health, the UN Decade for Ecosystem Restoration and the Food Systems Summit.

b) Preparation and review of technical documents prepared by partners addressing the interlinkages between biodiversity and health in Nature-Based solutions, One Health, and Sustainable Healthy diets.

c) Assist the Climate Change and Health team in the development of technical documents, particularly with a focus on biodiversity, sustainable healthy food systems, biodiversity, and Nature-Based solutions, to ensure alignment

d) Provide ongoing technical and scientific support in the preparation of relevant documents to identify ways in which ecosystem and biodiversity protection in terrestrial, coastal, and marine environments, as appropriate, can help protect the most vulnerable populations from the health impacts of climate change.

**Output 4: Finalization and dissemination of the publication entitled “Guidance on Mainstreaming biodiversity for nutrition and health in SIDS”**

a) Revise the initial draft guidance on mainstreaming biodiversity for nutrition and health in SIDS prepared by the consultant, integrate relevant case studies, reflect peer review comments in revised drafts, and ensure that all comments from members of the Expert Working Group on Biodiversity, Climate, One Health, and Nature-based Solutions, and those of WHO regional offices are reflected in subsequent iterations of the Draft Guidance.

b) Assist the Climate Change and Health team leader in the development of a launch event and/or webinar(s) to disseminate the findings of the guidance in collaboration with relevant partners and stakeholders, as applicable, including to support a new WHO-led special initiative on climate change and health in small island developing States.

**Output 5: Development of an online learning module on biodiversity and health**

The development of one module specifically addressing biodiversity and health in a broader course on climate and health. This module would apply the scientific evidence generated in the WHO/CBD state of knowledge review on biodiversity and health.
Output 6: Prepare and follow up on project/funding proposals relevant to the health and climate change team activities

Prepare and follow up on project proposals for the Climate Change and Health team during all periods of the contract, with particular focus on projects/ongoing funding opportunities that address biodiversity and health and the environmental and social determinants of health.

Output 7: Finalise Operational framework for biodiversity and health programming

a) Develop an initial draft supporting the practical integration of biodiversity considerations into health programming for further consultation with WHO regional offices and health attaches. This would follow the same approach and apply the scientific evidence generated in the WHO/CBD state of knowledge review on biodiversity and health to core health system functions.

b) Provide inputs to the draft plan of action on biodiversity and health of the Convention on Biological Diversity in the lead-up to COP15.

c) Ensure alignment between the draft plan of action and the WHO Operational framework with further review by members of the expert working group and integration of peer review comments in that draft.

3. Qualifications, experience, skills, and languages

**Educational Qualifications**
Required: Master’s Degree in Environmental Science, Environmental Health, Climate Science, or Biological Sciences.

**Experience required:** At least 5 years’ experience in environmental health.

**Skills/Knowledge**
Required: Public Health and Biodiversity expertise

**Languages**
Required: Excellent knowledge of English and at least a working knowledge of French.

4. Technical Supervision

The Climate Change and Health unit.

Please send your CV and motivation to climatehealth@who.int and add "consultancy Public Health and Biodiversity" in the email subject.

5. Location

**Off-site contract:** work from abroad

6. Travel - If travel is involved, full medical clearance is required

The consultant is expected to travel to Montreal, Canada from 1-15 December 2022 to attend the COP15, to Thailand end of January to mid-February to attend the PMAC 2023 (exact dates to be confirmed), and to Geneva in Switzerland to attend the OLEPH meetings (dates to be confirmed as well).

Travel is subject to the COVID-19 restrictions that may be in place.
7. Remuneration and budget (travel costs excluded)

To be discussed based on experience.

Contract duration: 11 months (from October 2022 to August 2023)