

# **Postgraduate Diploma in Climate Change and Environmental Management**

## **Faculty of Science, University of Colombo**

### **Introduction**

The existing warming trend of the earth surface and the unexpected extreme weather events we experience today have been attributed to anthropogenic (i.e human-induced) climate change. The main cause of recent climate change has been identified as the increased levels of greenhouse gas emissions in the atmosphere, resulting from fossil fuel burning and land use change activities. Sri Lanka is among the global island nations vulnerable to the impacts of climate change including sea level rise, and the country needs to take undelayed measures to face potential environmental dilemmas in the future.

The Postgraduate Diploma in Climate Change and Environmental Management offered by the Department of Zoology, Faculty of Science, is a 1- year part-time study programme providing valuable information and learning experience in dealing with the issue of climate change locally and globally through environmental management.

### **Target group and objectives**

This programme is specifically meant for graduates and professionals who wish to have an overall knowledge on the issue of climate change, its causes and impacts, and how to deal with the latter through overall environmental management. Since the programme is offered part-time (during weekends), it will give a valuable opportunity for the participants to continue studies with a minimum impact on their careers.

The main objectives of the Postgraduate Diploma in Climate Change and Environmental Management are as follows:

- To provide knowledge on the overall issue of climate change as a major global environmental concern, and anthropogenic causes and impacts of climate change
- To enable learning about the strategies and application of remedial measures in addressing the CC , including international cooperation and national efforts in mitigation and adaptation to climate change

### **Course composition and programme structure**

The overall programme aims at strengthening the capacity of those already working in the field of climate change and those hoping to move into this fast-developing field. The course will provide the participants with an opportunity for interactive learning on the causes, impacts, and strategies to deal with anthropogenic climate change through overall environmental management. The participants will also gain knowledge on fundamentals of climate system, climate change and environmental management including measurement and estimation of greenhouse gas emissions, legal and policy measures, international cooperation and basic

economics in climate change management, Impacts on major socioeconomic sectors and management strategies, etc., etc.

The postgraduate diploma in climate change and environmental management includes nine modules equivalent to 25 credits, including course work, field visits/laboratory, and seminar (along with a written report). The candidates need to fulfill the requirements of the diploma (including any repeat examinations) within 18 months of the commencement of the programme.

**Eligibility:** B.Sc. degree in any of the following fields: Biological Sciences, Forestry & Environmental Science, Environmental Science, Environmental Engineering, Physical Sciences, or any other relevant field, obtained from a recognized university OR Equivalent qualification/s acceptable to the senate of the University of Colombo

**Application Procedure:** Application forms can be obtained in person or by sending a self-addressed stamped envelope to Assistant Registrar, Academic and Publication Branch, University of Colombo, 94, Cumaratunga Munidasa Mawatha, Colombo 03 or visiting [science.cmb.ac.lk/departments/zoology](http://science.cmb.ac.lk/departments/zoology).

An application fee of Rs 500/= must be paid to the People's Bank Account of the University of Colombo at Thimbirigasyaya Branch, with the Application fee code 314041500008 (Payment can be made at any branch). The duly completed application form together with the payment slip for Rs. 500/= should be sent to the Assistant Registrar, Academic and Publications, University of Colombo, 94, Cumaratunga Munidasa Mawatha, Colombo 03, under registered cover on or before April 20, 2017.

The candidates will be selected based on formal qualifications and through an interview.

**Course fee:** Rs 90,000/= payable in two installments.

For further information contact Dr. Erandathie Lokupitiya ([erandi@sci.cmb.ac.lk](mailto:erandi@sci.cmb.ac.lk)) or [pce.uoc@gmail.com](mailto:pce.uoc@gmail.com)