Reflections on Environmental Issues and Rio Conventions

CB3 Project's Acquaintance Guide for Juniors High and High schools

This guide is developed by Ms. Aliah Tohami as part of the outputs of the project: "Enhancing National Capacities for Improved Public Participation for Implementing Rio Conventions (CB3)" funded by the Global Environment Facility (GEF) / United Nations Development Program (UNDP) and implemented by Ministry of Environment

Citation: Tohami. A.¹, Wagdy, A.¹,²., Saleh, S.¹, Omar, K.¹, and Sayed, A.¹ (2020). Reflections on Environmental Issues and Rio Conventions - CB3 Project's Acquaintance Guide for Juniors High and High schools. Enhancing National Capacities for Improved Public Participation for Implementing Rio Conventions Project (CB3)". Global Environment Facility (GEF) / United Nations Development Program (UNDP) and Ministry of Environment. Report 201931D, 130 pp.

1 CB3 Project, Ministry of Environment 2 Cairo University, Faculty of Engineering

Copyright: © Egyptian Ministry of Environment - United Nations Development Program (UNDP)

Production: Reproduction of this document for educational and other non-commercial purposes is permitted with a prior written permission of the copyright holder, provided the source rights are fully documented.

Sale: Reproduction of this document for sale or other commercial purposes is prohibited without the prior written permission of the copyright holder. Available in: Environmental Affairs Agency, Ministry of Environment, Cairo, Arab Republic of Egypt 30 Egypt/Helwan Agricultural Road, behind Holiday Inn Maadi Hotel, Maadi, Cairo, Arab Republic of Egypt. Website: www.eeaa.gov.eg

Reflections on Environmental Issues and Rio Conventions

CB3 Project's Acquaintance Guide for Juniors High and High schools



Content

Part One: Climate Change

- I. Why is there a need to act?
 - Indicators and Causes: The science behind climate change
- II. What is the international community doing?
 - The relevant Rio Convention: UNFCCC
- III. What does the future hold?
 - Future climate scenarios and shared socioeconomic pathways
 - Egypt: Rise in sea-levels and threats of inundation
- IV. What can you do?
 - Carbon footprint, your local movements, and more.



Part Two: Biodiversity

- I. Relevant Rio Convention: CBD
- II. Significance and loss of biodiversity in Egypt
 - Diversity of species and ecosystems
 - Important Bird Areas (IBAs) and Important Plant Areas (IPAs)
 - Egypt's Natural Protectorates

III. Biodiversity explained

- History, terminology, evolution and diversification
- Ecosystem services
- IV. Measuring biodiversity
 - Loss and threats
 - Conservation



Part Three: Desertification

- I. Relevant Rio Convention: UNCCD
- II. Understanding Desertification
 - Causes and Effects
 - The Sahel Region
- III. Future development and approaches to avoid desertification
- IV. Desertification in Egypt: Causes and current status

Part Four: Linkages between Rio Conventions

- I. Linkages and Feedback Loops among Desertification, Global Climate Change, and Biodiversity Loss
- II. "Ecosystem Restoration"



For more information, please contact CB3 Project at:

CB3.EGYPT@GMAIL.COM OR

Sustainable Development Unit in EEAA at: samah.saleh52014@gmail.com