

SAMIR TANTAWI, *PhD.*

Profession: Senior Climate Change Consultant
Nationality: Egyptian
Date of Birth: January 2, 1971
Marital status: Married and have one kid
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Key Qualifications

- **Green Climate Fund (GCF)**

Certified Developer by The African Development Bank (AfDB) for the GCF Project Proposals Development

Certified Trainer by The African Development Bank (AfDB) for the GCF Project Proposals Development

- **IPCC- Intergovernmental Panel on Climate Change – Lead Author**

2017-2019: The 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, [Vol. III, Ch. 3.11, Hydrogen Production]

- **UNFCCC- United Nation Framework Convention on Climate Change – Lead Reviewer/ Technical Team of Experts/ Assessor Greenhouse Gases Inventory Reports [IPPU-Industrial Processes and Product Use]**

Centralized Review

2009: Liechtenstein, Portugal, Switzerland, and USA

2010: Estonia, Greece, Slovenia, UK

2011: Croatia, Denmark, European Union, Italy, and Latvia

2012: Czech Republic, Denmark, Germany, and Ireland

2013: Croatia, Greece, Spain, and Turkey

2014: Bulgaria, Croatia, Estonia, and Slovakia

2016: Netherlands, USA, and Estonia

2021: Belarus, Canada, and Kazakhstan

In-Country Review

2018: Finland

National Communications and Biennial Reports from Developed Countries [Generalist, Cross-Cutting and FTC (Finance, Technology and Capacity Building)]

In-Country Review

2014: the NC6/BR1 of Luxembourg

2019: the NC3/BR7 of Turkey

2023: Malta

Biennial Update Reports from Developing Countries [Cross-cutting issues, MRV (Measure, Report, Verify) Systems and FTC]

Centralized Review

2015: South Africa, South Korea, and Vietnam

2019: India, Indonesia, and Moldova

CDM-Assessment Team (CDM-AT) and Technical Expert of Renewable Energy Projects/ Accreditation Panel (AC),

accreditation of Designated Operational Entities (DOEs) for Clean Development Mechanism (CDM) Projects, [Desk Review and Evaluate, On-Site Assessment, Corrective Actions, Witnessing Assessment and Final Report]

2008: ERM Certification & Verification Services Limited (ERM-CVS) - UK

2012: Perry Johnson Registrars Carbon Emissions Services (PJRCES)- USA

2012: Hubei Enshi Baoshan Hydropower Plant and Hetaowan Hydropower Plant Bundled Hydropower Project-China

The Supervisory Body of the Article 6.4 Mechanism - Roster of experts

Have selected by the Supervisory Body (SB) to be included in the Article 6.4 mechanism Roster of experts as “*Methodologies*” and “*Climate policy*” Expert, for the period of two years from 10 March 2023

- **Reviewer of Climate Change Projects and Proposals seeking finance from The Science and Technology Development Fund (STDF) – Egypt**

2009: Smoke Cloud Control Over Cairo, Egypt

2011: Climate Change Impacts on the River Nile Basin Hydrology

2013: Enhancing Sinai Population: Novel Modification of Soft Asphalt for use in Roadway Network Developments and Infrastructure Applications

2013: Study the Environmental Statues of El-Temseh Lake Using the Amalgamation of Hydrodynamic Simulation Models and Satellite Images Analysis

2013: Marine Invertebrates of Sinai Coastal Area (MISCA)

2013: Study the Environmental Effects of Resettlement Villages Beneficiaries from North Sinai Project on the Water Quality of Suez Canal

2013: Energy efficient appliances for next century

2013: Forecasting the Catastrophic Events that is expected to occur over Al-Arish Valley due to Climate changes within the current Century

2013: Sinai Flash Floods, extensive Meteorological Study in Relation to Solar Induced Climate Change

- **Climate Change Negotiator**, Member of the Egyptian Delegation to Climate Change Conferences and meetings since 2005
- **Climate Change Expert**, contributed to studies and reports related to assessment of climate change situation and impacts in Egypt and other countries of MENA region (Middle East and North Africa)
- Deep experience in climate change related topics, *inter alia* climate change science, **adaptation, mitigation, greenhouse gas inventory**.
- Extensive consulting experience in Nationally Appropriate Mitigation Actions (**NAMAs**), Low Emissions Development Strategies (**LEDS**), Measurable, Reportable, Verification (**MRV**) systems, Sectorial Mitigation Action Plans (**MAPs**), Biennial Update Reports (**BUR**) and Nationally Determined Contributions (**NDCs**) reports
- Extensive experience with **Climate Change international legal instruments** including United National Framework Convention on Climate Change (**UNFCCC**), Kyoto Protocol (**KP**) and Paris Agreement (**PA**)
- Extensive consulting experience in mitigation and Clean Development Mechanism (**CDM**), and **Carbon Market Mechanisms**, member of Egyptian Designated National Authority (**DNA**), responsible for reviewing submitted projects *inter alia*, baseline methodologies, additionality, sustainable development conformity with national criteria, environmental impact assessment, GHG reduction calculations as CO₂ eq.
- **Teaching and training experience**. Participated as a trainer in several workshops with the **UNEP** project CD4CDM, World Bank (**WB**) regional meetings and forums, Islamic Bank for Development (**IDB**), League of Arab State (**LAS**), African Development Bank (**AfDB**) Economic and Social Commission for Western Asia (**ESCWA**), Centre for Environment and Development for the Arab Region and Europe (**CEDARE**)
- 1999-2004: Deputized as a **lecturer** for academic course of "Information System and computer science" for Faculty of Agriculture- Azhar University – Cairo
- Strategic planning/policy development for environmental improvement, development of emission inventories, quantification of uncertainties in emissions, statistical modeling of emissions

Education

2016	PhD. Environmental Research, Ain Shams University - Faculty of Graduate Studies and Environmental Research – Cairo – Egypt. Thesis title: <i>Vulnerability and Adaptation Assessment for Some Vulnerable Sectors in Egypt Using Climate Change Regional Circulation Models</i>
2006	MSc. Environmental Research, Ain Shams University - Faculty of Graduate Studies and Environmental Research – Cairo – Egypt. Thesis title: <i>Utilization of Mathematical Models to Overcome Problems Related to Temperature and Relative Humidity Variations inside Greenhouse</i>
2000	Diploma , Environmental Research, Ain Shams University - Faculty of Graduate Studies and Environmental Research – Cairo - Egypt
1996	BSc. , Computer Science/Mathematics, Faculty of Science, Cairo University, Cairo, Egypt

Experience Record

a) Professional Work

Mar.2019 – Present

Project Manager

Fourth National Communication of Egypt to the United National Framework Convention on Climate Change (NC4Egypt/UNFCCC) Project
 Egyptian Environmental Affairs Agency (EEAA) and
 United Nation Development Programme (UNDP)
www.eeaa.gov.eg and www.eq.undp.org

- The Project is funded by The Global Environmental Facility (GEF)
- Development the Fourth National Communication Report of Egypt to UNFCCC
- Development of National Climate Change Strategy of Egypt
- Development of updated Low Emission Development Strategy of Egypt
- Development of updated Nationally Determined Contributions (NDCs) Report of Egypt
- Development of the Project Document of the 2nd Biennial Update Report (BUR) of Egypt
- The project enables Egypt to prepare and submit its Fourth National Communication to the Conference of Parties (CoP) of the UN Framework Convention on Climate Change in accordance with its commitments as a Party to the Convention as mandated by Articles 4 and 12 of the Convention and subsequent CoP decisions. It updates and strengthen information provided regarding national circumstances, inventories of greenhouse gases, policies and measures undertaken to mitigate climate change, assessments of vulnerability to climate change and steps taken to adapt to climate change, and information on public awareness, education, training, systematic research and observation, and technology transfer. The project also increases the capacity of experts and institutions in Egypt to produce subsequent National Communications that meet all guidelines established by the CoP and that serve as a source of information for national policies and measures to mitigate and adapt to climate change in key economic and social sectors

- The main outcomes of the FNC is to update the National Greenhouse Gas Inventory; to revise, analyze and describe national programs that have aided in the reduction of GHG emissions; to identify policies and measures adopted for different national sectors which, directly or indirectly, have served in the reduction of GHG emissions or in the removal of gases through carbon sinks, as it will include a macroeconomic evaluation of these initiatives; and to carry out evaluations of impacts, vulnerability and adaptation strategy feasibility in priority sectors and systems in the country in the face of variability, climate change and projected extreme events

May.2022 – Sep.2022

COP27 Consultant

United National Office for Disaster Risk Reduction (UNDRR)

Regional Office for Arab State (ROAS)

Responsible for

- *Researches, analyzes and presents information gathered from diverse sources, including the incoming COP Presidencies priorities, strategies and plans for COP 27.*
- *Reviews climate and disaster risk reduction documents and reports; liaises with relevant parties; ensures follow-up actions.*
- *Supports and facilitates workshops, through other interactive sessions and assisting in developing substantive reports and documents.*
- *Supports the development and implementation of the UNDRR COP strategy, including the review and analysis of DRR/climate issues and trends, preparation of evaluations or other research activities and studies,*
- *Organizes and prepares written outputs, e.g. draft background papers, analysis, sections of reports and studies, inputs to publications, etc.*
- *Initiates and coordinates outreach activities, and in-country preparation for and coordination of UNDRR's engagements in the COP, liaising closely with the UNRC office and core COP team*

Jul.2018 – Feb. 2019

Senior Climate Change Expert

Central Department for Climate Change (CDCC)

Egyptian Environmental Affairs Agency (EEAA)

Ministry of Environment (MoE)

www.eega.gov.eg

- Sharing in strategic planning of the Central Dept. of Climate Change in both mitigation and adaptation. Provide technical analysis of GHG Inventory, Nationally Appropriate Mitigation Actions (NAMAs) and Measure, Report and Verify (MRV) national system which support in addressing national policies in climate change
- Represent the Ministry of Environment in High Level meetings related to climate change on the national and international levels
- Contribute in capacity building activities on the national level through the workshops and training sessions organized by the Ministry of Environment for relevant stakeholder ministries and entities (e.g., Ministry of Energy, Ministry of Transport, Ministry of Industry, Ministry of Agriculture, ...etc.) as well as NGOs and Media communities

Jul.2013-Jun.2018

Project Manager

Low Emission Capacity Building Programme

Egyptian Environmental Affairs Agency (EEAA) and UNDP

<http://www.lowemissiondevelopment.org/>

- Development of Low Emission Development Strategy of Egypt
- Development of Carbon Market Readiness Study of Egypt
- Development of Intended Nationally Determined Contributions Report (INDCs) in Egypt
- Development of Mitigation Action Database in Egypt
- Development of 31 NAMAs studies in different sectors (energy, housing, industry, transport, ..) in Egypt
- Development of 7 Mitigation Action Plans for Cement, Iron & Steel and Fertilizer Companies in Egypt
- Development of Low Emission Development Strategy for Tourism Sector in Egypt
- Organizing 25 capacity building workshops on different levels (officials, researchers, professionals, media, ...) attended by 873 participants
- LECB is a capacity building programme implementing in 25 countries and financed jointly by **German Government, European Union, and Australian Government**, the project aims to building national capacities in public and private sectors on Nationally Appropriate Mitigation Actions (NAMAs), Low Emission Development Strategies (LEDS), Measurable, Reportable, Verification (MRV), Mitigation Action Plans (MAP) in specific industries (cement, fertilizer and iron & steel) and developing the Egyptian INDCs (Intended Nationally Determined Contributions) report.

- The project is targeting energy, industry and transport sectors, then the scope has expanded to include renewable energy, oil & gas, housing, tourism, agriculture and waste
- The project manager is responsible for managing daily work of the project, planning, preparing ToRs and contracts for experts, reviewing studies and reports prepared by consultants, and presenting the project in relevant events nationally and internationally
- Reviewing deliverable studies of I/NDGs, NAMAs, LEDS, MAPs and MRV, among the topics to be reviews are the alignment of studies with national strategies e.g., Sustainable Development Strategy, Energy Strategy

2009 – 2013

Mitigation Manager*Central Department for Climate Change (CDCC)**Egyptian Environmental Affairs Agency (EEAA)**Ministry of Environment (MoE)*www.eeaa.gov.eg

- Governmental Officer, represented in the **Egyptian Delegation** to United Nation Conferences and meetings on climate change and related topics
- Responsible for coordination between national ministries/agencies to prepare the national strategy study for low carbon economy to be presented to United Nation Framework Convention on Climate Change (UNFCCC) as National Appropriate Mitigation Actions (**NAMAs**) and Low Emission Development Strategies (LEDS) according to Bali Action Plan (BAP)
- Member of Third National Communication Project Steering Committee
- Deputy Manager of Climate Change Unit, Egyptian Environmental Affairs Agency (EEAA), who is the Focal Point of UNFCCC and IPCC
- Deputy Manager of national climate change projects
- Responsible for reviewing all submitted Project Design Documents (PDDs) and Project Idea Notes (PINs) to the DNA (60 PINs and 17 PDDs), including N₂O abatement, renewable energy, fuel switching, waste heat recovery afforestation and landfill projects, including the fulfillment of the PDD to national criteria of sustainable development (environment, social and economic).
- Revised all contents of the PDDs and verified use of appropriate baseline and monitoring methodologies.
- Advise local consultants on CDM methodological issues.
- Responsible for arranging for the meetings of Egyptian DNA (Bureau and Council)
- Verified conformity of PDDs with the Sustainable Development criteria of Egypt.

2007 - 2009

Vulnerability & Adaptation Manager*Central Department for Climate Change (CDCC)**Egyptian Environmental Affairs Agency (EEAA)**Ministry of Environment (MoE)*www.eeaa.gov.eg

- Governmental Officer, represented in the **Egyptian Delegation** to United Nation Conferences and meetings on climate change and related topics
- Member of the Secretariat of the National Climate Change Committee
- Responsible for coordination between national ministries/agencies to prepare the national strategy for vulnerability assessment and adaptation to climate change
- Team member of Second National Communication Project, responsible for reviewing the V&A chapter

2002 - 2007

Climate Change Specialist

- Member of Egyptian DNA
- Member of technical secretariat for National Committee on Climate Change
- Team member of preparing the proposal (enabling activities) of Second national Communication report submitted to GEF in both agriculture and adaptation sectors
- Projects:
 1. **2003-2006: Regional Capacity Development for Clean Development Mechanism (CD4CDM), funded by Netherlands**
Team member, responsible for creating preliminary Project idea Notes (PINs), Project Design Documents (PDDs) for CDM projects and scientific content of official website of Egyptian CDM, as well as share in capacity building for relevant sectors and promotion activities for CDM in Egypt.
 2. **2005-2008: Utilization of Solar Thermal Energy in Resorts and New Villages in Reclaimed areas, funded by Italy**
Project Editor, Deputy Manager, responsible for administrative and CDM related topics in the project
 3. **2005-2008: National Communication Support Program (NCSP), funded by**

GEF/UNDP

Team member, responsible for Mitigation and Vulnerability & Adaptation Assessment

4. **2005-2008: National Capacity Self-Assessment (NCSA) funded by GEF/UNDP**
Deputy Manager for Climate Change Sector, responsible for technical identification of crosscutting issues with other Rio Conventions (Biodiversity and Desertification)
5. **2007-2008: Development and demonstration of a process for producing Biodiesel from *Jatropha Curcas* seeds by enzyme extraction and ethyl transesterification, funded by Italy,**
Team member, responsible for administrative and CDM related topics in the project
6. **2006-2009: Egypt Second National Communication (SNC), funded by GEF**
Team member, responsible for GHG inventory and mitigation, as well as co-editorial of CDM activities chapter
7. **2008-2009: Excremental Cloud Seeding Project in Egypt, national funding**
Team member, responsible for administrative and share in management.
8. **2006-2007: "MEDiterranean food and agro industry applications of Solar COLing technologies" (MEDISCO), funded by European Commission**
Team member, responsible for administrative and management

1996-2002

Network Administrator, Modeler and Software Developer

Central Laboratory for Agricultural Climate (CLAC)

Agriculture Research Center (ARC)

Ministry of Agriculture & Land Reclamation (MALR)

www.clac.edu.eg

- Team leader of more than 30 researchers in CLAC during the implementation of climate change projects
- Deputized as a lecturer for academic course of "Information System and computer science" for faculty of agriculture- Azhar University for the academic years 99-2000/2000-2001 /2001-2002 /2002-2003/2003-2004
- Excellent background in computer science, system programming, and system analysis.
- Outstanding experience in the use and the application of internationally recognized computer programs on programming languages, Network Diagnoses and Web Designing.
- Associated with the Central Lab. for Agricultural Climate (CLAC) for more than 6 years as a Network Administrator (Win NT Server 4.0 – Win2000 Server and Win2000 Adv. Server),
- Associated with Egypt for Information Technology (EGYfit) "private sector Co." for 1 year as technical Support and Network Administrator, Software Developer
- Shared in CLAC website designing <http://www.clac.edu.eg>, and supervise CLAC database developer team.
- Have been selected as one of the team responsible for GHG inventory from agriculture sector in the Initial National Communication of Egypt to UNFCCC (1999); I was responsible for modeling, projections and shared in mitigation and Adaptation assessment report
- Projects:
 - **1996-1999: Egypt Initial National Communication (INC), funded by GEF**
Team member, responsible for emission calculation from agricultural sector and projection analyst, shared in mitigation and Adaptation assessment report.
 - **1997-2000: Irrigation Requirement Information System (IRIS), funded by USA**
Team member, responsible for mathematical model builder for climate change impacts on agricultural sector – software developer and network administrator
 - **2001-2002: Information Technology for the Arabian Peninsula (ITAP), funded by ICARDA**
Deputy Manager, responsible for mathematical model developing
 - **2001-2003: Establishment of Agrometeorological Database – funded by France**
Team member, responsible for database designing and developing web-based applications as well as shared in administrative and management
 - **2002-2004: Assessment of Impacts, Adaptation, and Vulnerability to Climate Change in North Africa: Food Production and Water Needs (AIACC) – funded by European Commission**
Team member, responsible for climate change adaptation assessment in agriculture sector as well as shared in administrative and management

b) Consultation Work (Part time):

Oct.2022 – Nov.2022

Sustainable Agriculture Investment and Livelihood Project (SAIL)*Senior Climate Change Consultant***The Project is Funded by International Fund for Agricultural Development (IFAD) and implemented by the Egyptian Ministry of Agriculture & Land Reclamation**

Developing an assessment report that covers the SAIL Project activities to be presented during COP27 (Sharm El-Sheikh, Egypt, Nov 2022). The report provides an overall background on the project and climate change in Egypt as well as the climate change impacts on the Agriculture Sector. The report highlights the Climate Smart Agriculture Applications conducted by the SAIL Project including Aquaponics, Hydroponics and Kitchen Gardens and assesses the Pros, Cons, Lessons learned and Policy Recommendations for each application.

Assessment of SAIL Project activities from a climate change perspective has been drafted in the report including adaptation and resilience, vulnerability assessment, adaptation measures, alignment with national Climate Change Strategy and with Sustainable Development Goals. Also, covers the mitigation and low emission related activities and provides estimated GHG emission reductions resulted by the SAIL Project activities.

Local and global financial related activities by SAIL have been summarized as well as the levels of awareness and targeted groups of the Project

Jun.2022 – Dec.2022

Gender and Climate Action Fast Track Initiative: Lead-up to COP27 in Sharm El-Sheikh*Senior Climate Change Consultant***The Project is funded by EBRD and implemented by Chemonics Egypt Consultants**

Provide consultancy services for the project: "Consultancy Support for the Gender and Climate Action Fast Track Initiative (GCAFTI): Lead-up to COP27 in Sharm El-Sheikh", which is funded by the European Bank for Reconstruction and Development (EBRD). The objective of the project details that "Under the leadership of Egypt, the GCAFTI will be piloted in the country with select private sector clients in the green sectors and where EBRD, AfDB and AfDB have previously invested, with a special focus on clients in the Renewable Energy Framework, Agriculture and Infrastructure and gender mainstreaming within all of them. Furthermore, GCAFTI will also, under the guidance of the Ministry of International Cooperation (MOIC), reach to national institutions such as the Ministry of Environment and the Department of Climate Change, National Council for Women (NCW), Ministry of Manpower, Egyptian Environmental Affairs Agency (EEAA) and other ministries and governmental agencies as guided by MOIC to draw best practices in fast tracking gender-responsive climate outcomes which other countries could also duplicate

The conducted activities include,

- Develop a climate change profile for the sectors of focus identifying risks, impacts and opportunities for businesses that could include women
- Analyze Egypt NDCs and climate strategy and identify entry points for gender inclusion
- Analysis linking the sectors of interest to the Climate Strategy 2050 including key joint targets and activities, among other aspects
- Identifying possible interventions for a roadmap

Jan. 2019 – Sep. 2019

Study on the EU support provided at regional and bilateral level in the field of climate change in the Neighborhood South countries (2012-2018)"*Senior Climate Change Consultant- Key Expert (Cat. II)*

Implementing Agency: *Project Planning & Management Ltd., DG Neighborhood and Enlargement negotiations, European Commission*

Beneficiary countries:

Algeria, Egypt, Jordan, Lebanon, Morocco, Palestine, Tunisia

The study provides an in-depth global assessment of the EU support provided on climate change in the European Neighborhood Policy (ENP) during the period 2012-2018. The assessment provides a general analysis of these interventions and draws lessons learned. The assignment feeds into the preparatory process of the future EU support to climate action in the Neighborhood South region in the forthcoming programming period under the European Neighborhood Instrument (ENI). Particular attention is paid to the interactions between regional and bilateral assistance in the policy areas related to climate change adaptation, mitigation, and resilience

Specific Objectives

1. To carry out a quality control of the application of Rio Markers to completed and ongoing regional and bilateral EU-funded projects on climate change in the Neighborhood South countries during the 2014-2018 period
2. To assess the performance of completed and ongoing EU-funded projects

- contributing significantly or mainly to climate change mitigation and adaptation (with particular focus on the latter) in the Neighborhood South countries during the 2012-2018 period, and to draw lessons for the design of future projects
3. To calculate the overall GHGs emissions reduction for actions marked as contributing significantly or mainly to climate change mitigation in the Neighborhood South countries during the 2014-2018 period
 4. To draw conclusions and formulate recommendations for the future

Mar. 2010 – May 2012

Increasing Adaptive Capacity to Climate Change in Arab Region Project

Implementing Agency: Islamic Development Bank/ Centre for Environment and Development for the Arab Region and Europe (CEDARE)

The project is aiming to strengthening capacities in the Kingdom of Saudi Arabia and Egypt for better assessment of their vulnerabilities and adaptation capacities to climate change; assisting the two countries in identifying suitable adaptive strategies and actions, both at the political and technical levels, and involving different stakeholders, to enable efficient and lasting adaptation to climate change; and promoting awareness and understanding of climate change global issues and their impacts and implications on the sustainable development of the Arab Region particularly in the Kingdom of Saudi Arabia and Egypt.

Focus is made on Egypt and Kingdom Saudi Arabia (KSA), to conduct two cases of studies, which may be implemented in other Arabian countries.

In charge of:

- Strengthening capacities in the Arab countries for better assessment of their vulnerabilities and adaptation capacities to climate change.
- Assisting Arab countries in identifying suitable adaptive strategies and actions, both at the political and technical levels, and involving different stakeholders, to enable efficient and lasting adaptation to climate change.
- Promoting awareness and understanding of climate change global issues and their impacts and implications on the sustainable development of the Arab Region
- Promote wider understanding of the global consequences and impacts of climate change and its implications on the Arab Region.
- Please detail your specific activities:
- Representing the Egyptian experiences in climate change adaptation and mitigation,
- Contribute to preparation of Egyptian work programme in increasing climate change adaptive capacity
- Contribute to establishment a roster of Egyptian experts in climate change
- Coordinate with project team in Saudi Arabia in relation to achievements of project activities
- Integration the final report of the project

Feb-2011 – Oct. 2012

Preparation of a regional climate change project under the Regional Action Programme ENPI South 2011

Implementing Agency: EU, EuropeAid Co-operation Office Programme Manager Climate Change/Environment, Centralized operations for Europe, the Mediterranean and Middle East

Beneficiary countries:

Morocco, Algeria, Tunisia, Egypt, occupied Palestinian territories, Jordan, Lebanon, Syria

Objective of ENPI South regional climate project "implemented as CLIMA-SOUTH" :

For the ENPI South regional action programme 2011, a regional climate change project in the order of 5 MEUR is envisaged. The global objective of this project will be to contribute to the implementation of the ENPI South RSP and RIP 2011-2013 insofar as climate change is concerned

In charge of:

- Get a good overview on **climate-related domestic policy developments** in the ENPI South partner countries
- Provide a **high-quality analysis** on lessons learned from previous regional and bilateral climate projects in the region
- See what elements of the **SKPI (Support to Kyoto Protocol Implementation)** project ongoing in ENPI East 2008-2011 could be taken over in this planned ENPI South project.
- Summarize the **state of climate policy** co-operation between the EU and the partner countries in different relevant fora
- Provide advice on the **most important capacity and institutional building** needs in the partner countries, through direct conversations, organization and moderation of workshops and other meetings in ENPI South region, contacts with other international stakeholders, and other relevant means.
- Cover **mitigation as well as adaptation policies**

Submit an **Action Fiches as well as TOR for a service contract project** (or for a cooperation with an International Organization), with all necessary supporting documents according to EC standard procedures that will be communicated to the consultants at the beginning of this FWC

- Jan 2007 – Mar 2009**
- CDM **Interim Chief Development Officer** in Egypt for "Versus Goliath Project Solutions Inc., Ottawa – Canada – “private sector Co.”

Professional Training

- 2021**
 - Accessing Green Climate Fund (GCF) financing for sustainable energy projects in Africa, African Development Bank (AfDB), 6-29. Oct.2021, Online
- 2020**
 - Training course on Green Climate Fund (GCF) Project Development, African Development Bank (AfDB), 24. Oct.2020 to 28. Feb.2021, Online
 - Developing Green Climate Fund (GCF) funding proposals for the Simplified Approval Process (SAP), Nov. 2020, Online
 - Greening Voluntary National Reviews and National Sustainable Development Goal Strategies, IGES-IISD-ADB-UNEP, Oct. to Nov. 2020, Online
 - The Paris Agreement on Climate Change as a Development Agenda, United Nation Framework Convention on Climate Change (UNFCCC) and United Nations System Staff College (UNSSC), 15. Jun to 24. Jul.2020
 - Anti-Corruption in the Context of the 2030 Agenda, United Nations Development Programme (UNDP) and United Nation System Staff College (UNSSC), 9. Nov to 11. Dec.2020, online
- 2017**
 - Advanced LEAP training, 15-19 Oct. 2017, Cairo – Egypt
- 2016**
 - Basics of Long-range Alternative Energy Planning (LEAP) Model, in cooperation with Stockholm Environment Institute (SEI), 3-7 Apr. 2016, Cairo - Egypt
- 2015**
 - Reviewing Biennial Update Reports from Developing Countries (Non-Annex-I Countries), certified reviewer by UNFCCC for cross-cutting issues, mitigation measures, GHG inventory and means of implementation (finance, technology, capacity building)
- 2013**
 - Computer statistics and analysis, 18-21 Mar. 2013, Ain Shams University, Cairo, Egypt
- 2012**
 - The Long-range Energy Alternatives Planning System (LEAP), 11-15 Nov. 2012, Cairo, Egypt
- 2010**
 - UNFCCC National Systems Certified Reviewer Training Course (Online course, UNFCCC & GHG Management Institute), 26 Feb.-18 Apr. 2010
 - UNFCCC certified course on Application of Adjustments under Article 5, paragraph 2 of the Kyoto Protocol (Online course, UNFCCC & GHG Management Institute), 26 Feb.-18 Apr. 2010
 - First CDM - AT Training Workshop, 19-20 May 2010, Bonn, Germany
- 2009**
 - Overview of UNFCCC Certified Review Process and General IPCC Inventory Guidance (Online course, UNFCCC & GHG Management Institute), 20 May – 20 June 2009
 - UNFCCC sector specific inventory certified review 'Industrial Processes: IP' (Online course, UNFCCC & GHG Management Institute), 20 May – 20 June 2009
 - Training seminar for GHG inventory review experts, 29 June-1 July 2009, Bonn, Germany
- 2007**
 - On-Hand training workshop on regional climate modeling using PRECIS "Providing REgional Climates for Impacts Studies", UK Met Office, Hadley Center and Climate Prediction and Application Center (ICPAC), Nairobi, Kenya
 - Seminar of Clean Development Mechanism (CDM) for African Officials, Beijing – China
- 2006**
 - UNFCCC Technical Workshop on Joint Implementation (JI), Bonn – Germany
 - National Communication Support Program training workshop on Long-range Energy Alternatives Planning System (LEAP), Cairo- Egypt
- 2005**
 - Consultative Group of Experts on Non-Annex I National Communications (CGE) Hands-On Training Workshop on Vulnerability and Adaptation Assessments, Maputo – Mozambique
 - Consultative Group of Experts on Non-Annex I National Communications (CGE) Hands-On Training Workshop on Mitigation Assessments, Seoul - Republic of Korea
- 2004**
 - Second Regional Workshop (R2) of the Phase II of the project “Capacity Development for Clean Development Mechanism”, "Baseline Issues & PDD Preparations for the Development of CDM

- Projects in NA & ME Region, Hammamet, Tunis
 - Fifth Regional Workshop (R5) of the Phase II of the project "Capacity Development for Clean Development Mechanism" "Meeting of the Designated National Authorities of the NA & ME Region", Marrakech, Morocco
 - Fourth Regional Workshop (R4) of the Phase II of the project "Capacity Development for Clean Development Mechanism", " Important issues to address in CDM Projects, Additionality, Project Cycle and Sustainable Development Legal/contractual issues", Tunis
- 2003**
- Capacity Building for Policy Maker Regarding Global Warming (Kyoto Mechanism), Japan
 - First regional workshop of the project "Capacity Development for Clean Development Mechanism" entitled "Legal, Regulatory and Financial Issues Related to the Implementation of the CDM in NA & ME Region", Tunis, Tunis
- 2001**
- Microsoft Certified Solution Developer (MCSD) preparation courses, IPEC, Egypt
- 2000**
- Programming of automatic weather stations training course, Campbell Scientific Inc., Paris, France
- 1999**
- Fast Track to Sybase Adaptive Server, Opensoft, Egypt
 - Fast Track to PowerBuilder, Opensoft, Egypt
- 1998**
- Computer modeling design, INRA Institute, Avignon, France
 - Automatic Weather Stations Installation, Operation and Maintenance training course, Central Lab. for Agricultural Climate (CLAC), Cairo-Egypt
- 1997**
- The use of agro meteorological data in irrigation management, , organized by Arab Organization for Agricultural Development (AOAD), Egyptian Meteorology Authority (EMA) and Central Lab. for Agricultural Climate (CLAC), Egypt
- 1996**
- Norton anti-virus course, ORASCOM, Egypt
 - Introduction to Internet service course, , ENAL, Egypt
- 1995**
- English language course (AUC)
- 1994**
- Introduction and advanced courses in WordPerfect (AUC)
 - Introduction and advanced courses in Windows (AUC)
 - Introduction and advanced courses in DBase IV (AUC)
- 1993**
- Introduction to computer & DOS course (AUC)

Languages

Arabic: Mother Tongue
 English: Fluent
 French: Fair

Meetings and Workshops:

- UNFCCC- BR5/NC8 Review of Malta - 22-26 May 2023 in Valletta, Malta
- IPCC Workshop on the Use of Scenarios in AR6 and Subsequent Assessments, 25-27 April 2023, Bangkok, Thailand
- 2023 LRs Meeting, 13-16 February 2023 in Bonn, Germany
- UN Climate Change Conference (COP27), 11-13 Nov. 2022, Sharm El-Sheikh, Egypt
- 15th Regional Training Workshop on Capacity Development for Climate Change Negotiations for the Arab Countries, organized by the League of Arab State (LAS) and Economic and Social Commission for Western Asia (ESCWA, 4-6 Oct. 2022, Muscat, Oman
- Cairo Water Week 2021, Regional Executive Dialogue on watering NDCs: Enhancing water component in climate policy and practice in the Arab States, UNESCO and LAS, 24-28 Oct. 2021, Cairo - Egypt
- 5th Centralized Review of GHG Inventory Reports from Developed Countries, reviewed reports are Belarus, Canada and Kazakhstan, UNFCCC, 18-23 Oct.2021 (Virtual)
- UNFCCC Enhanced Transparency Framework Townhall meeting for Lead Reviewers/Co-Leads of GHGI, BR, BUR, REDD+ processes, 13. Apr.2021 (Virtual)
- 18th meeting of Lead Reviewers for the Review of GHG Inventories of Annex I Parties| UNFCCC, 22-26 Mar.2021 (Virtual)
- 8th Meeting of Lead Reviewers for the Review of Biennial Reports and National Communications of Annex I Parties | UNFCCC, 24-26 Feb.2021 (Virtual)
- 17th meeting of Lead Reviewers for the Review of GHG Inventories of Annex I Parties| UNFCCC, 29 Jun-3 Jul.2020 (Virtual)

- 7th Meeting of Lead Reviewers for the Review of Biennial Reports and National Communications of Annex I Parties | UNFCCC, 9-10. Jun.2020 (Virtual)
- Technical analysis of the Biennial Update Reports (BURs) of developing country Parties (India, Indonesia, Moldova), 27-31 May 2019, Bonn, Germany
- Sixteenth meeting of GHG inventories lead reviewers, 13–14 March 2019, Bonn, Germany
- Sixth meeting of lead reviewers for reviews of biennial reports and national communication, 11-12 March 2019 - Bonn, Germany
- Lead Reviewer with UNFCCC, In-Country review of NC3/BR7 of Turkey, 18-23 Feb.2019, Ankara, Turkey
- 4th Lead Author Meeting (LAM4) for the elaboration of the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2019 Refinement), 22-26 Oct 2018, Rome, Italy
- In-country review of Finland 2018 GHG inventory as an IPPU expert, incited by UNFCCC, 10-15 Sep. 2018, Helsinki, Finland
- Bonn Climate Change Conference, The forty-eighth session of the Subsidiary Body for Implementation (SBI 48), The forty-eighth session of the Subsidiary Body for Scientific and Technological Advice (SBSTA 48) and the resumed session of the Ad Hoc Working Group on the Paris Agreement (APA 1-5), 30. Apr – 10. May.2018, Bonn – Germany
- 3rd Lead Author Meeting (LAM3) for the elaboration of the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2019 Refinement), 10 – 13 April 2018, Cairns, Australia
- 5th meeting of Lead reviewers for reviews of biennial reports and national communications, 28. Feb-1. Mar.2018, Bonn, Germany
- 15th meeting of Lead Reviewers for greenhouse gas inventories, 26-27. Feb.2018, Bonn, Germany
- UN Climate Change Conference, 6 - 17 November 2017, Bonn, Germany
- 2nd Lead Author Meeting (LAM2) for the Elaboration of the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, 25-28 September 2017, Victoria Falls, Zimbabwe
- 1st Lead Author Meeting (LAM1) for the Elaboration of the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, 12-14 June 2017, Bilbao, Spain
- Global NDC Conference 2017: integrated governance, finance, and transparency for delivering climate goals, 2-6 May 2017, Berlin, Germany
- 4th meeting of lead reviewers for reviews of biennial reports and national communications, 6–7 March 2017, Bonn, Germany
- UN Climate Change Conference, 7 - 18 November 2016, Marrakech, Morocco
- IPCC Scoping Meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, 29 – 31 August 2016, Minsk, Belarus
- 1st Forum on the Nationally Determined Contributions (NDCs), 28-29 Jun 2016, Rabat, Morocco
- UNDP Global Workshop on Nationally Determined Contributions, 13-14 Jun 2016, Brussels, Belgium
- IPCC Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (Cross-sectoral issues), 27-29 Apr 2016 Wollongong, Australia
- Informal consultations on the Paris Agreement, 15-16 Apr 2016, Paris, France
- UN Climate Change Conference, 30 November – 11 December 2015, Paris, France
- 5th Annual Global Meeting of Low Emission Capacity Building Programme, 16-18. Sep.2015, Santo Domingo, Heredia, Costa Rica
- IPCC Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (Energy, IPPU, Waste Sectors), World Meteorological Organization (WMO), 29 Jun -1 Jul 2015 Geneva, Switzerland
- Technical analysis of the first Biennial Update Reports (BURs) of developing country Parties (South Korea, South Africa, Vietnam), 18-22 May 2015, Bonn, Germany
- Dialogue Towards the 2015 Climate Agreement Ensuring Ambition to Reduce Climate Vulnerability, organized by (Institut du développement durable et des relations internationales- IDDRI) 11-12 May 2015, Paris, France
- Ministerial meeting of Ministers of Environment from Union for Mediterranean (UfM) Countries, 7. May.2015, Skhirat, Morocco
- 2nd meeting of Climate Change Expert Group of Union of Mediterranean (UfM-CCEG), 6-7 May 2015, Skhirat, Morocco
- Global Workshop on Intended Nationally Determined Contributions (INDCs), 14-17. Apr.2015, Berlin, Germany
- United Nation Climate Change Conference, 1-12. Dec.2014, Lima, Peru
- 3rd training workshop for Arab negotiators, participated as instructor and presenter, organized by League of Arab State (LAS) and Economic and Social Commission for Western Asia (ESCWA), 11-13. Nov.2014, Kuwait, Kuwait
- 4th Annual Global Meeting of Low Emission Capacity Building Programme, 14-16. Oct.2014, Brussels, Belgium
- 1st meeting of the Union for Mediterranean (UfM) Climate Change Expert Group, 13-14. Oct.2014, Barcelona, Spain
- 7th Centralized Expert Review Team, 22-27 Sep. 2013, Bonn, Germany
- MRV Partnership summer school, 3-10 Sep. 2014, Punta Cana, Dominican Rep.
- World Environment Day & Environmental Investment Conference and Exhibition, presented as presenter and exhibitor, 15-17. Jun.2014, Hurghada, Egypt
- Carbon Expo, 28-30. May.2014, Cologne, Germany
- Ministerial meeting of Ministers of Environment from Union for Mediterranean (UfM) Countries, 13. May.2014, Athens, Greece
- Ministerial preparatory meetings for senior officials from countries of Union for Mediterranean (UfM), participated as climate change focal point, 10-14. Mar.2014, Amman, Jordan
- In-country reviews of the NC6 and BR1 of Luxembourg, participated as a reviewer for provision of financial, technological and capacity-building support to developing country Parties, 24. Feb to 1.Mar. 2014, Luxembourg, Luxembourg
- 6th meeting of Arab Negotiators Group, League of Arab State (LES), 4-6 Feb. 2014, Cairo, Egypt
- Launching workshop of renewable energy in industry project, 21. Jan.2014, Cairo, Egypt
- 1st meeting of Clima-South regional project, participated as presenter, 5-6 Jan.2014, Cairo, Egypt

- IPCC Expert Meeting: Improving National Greenhouse Gas Inventories Using the 2006 IPCC Guidelines and Related Tools, 11-13 Dec. 2013, Sapporo, Japan
- United Nation Climate Change Conference, 11-22 November 2013, Warsaw, Poland
- 1st training workshop for Arab negotiators, participated as instructor and presenter, organized by League of Arab State (LAS) and Economic and Social Commission for Western Asia (ESCWA), 22-24 Oct. 2013, Amman, Jordan
- Technical workshop on guidelines for preparing National Communication and Biennial Update reports from developing countries, 7-9 Oct. 2013, Bonn, Germany
- 23rd meeting of Oil Arab Petroleum Export Countries (OAPEC), 2-3 Oct. 2013, Cairo, Egypt
- 3rd Annual Global Meeting of Low Emission Capacity Building Programme, 25-27 Sep. 2013, Hanoi, Vietnam
- 6th Centralized Expert Review Team, 16-21 Sep. 2013, Bonn, Germany
- 2nd meeting of Arab Climate Regional Initiative (ACRI), 16-17 Jun 2013, Bonn, Germany
- Low Emission Capacity Building Programme expert meeting, 15. Jun.2013, Bonn, Germany
- United Nation Climate Change Talks, 3-14. Jun 2013, Bonn, Germany
- NAMA sectorial training workshop for energy efficiency in irrigation pumping, organized by GIZ, 15-16 May 2013, Cairo, Egypt
- Workshop Best-of-two-Worlds Approach, organized by Information & Telecommunication, 13. May.2013, Cairo, Egypt
- Tracking Mitigation Actions in Africa, organized by GIZ, Dept. of Environmental Affairs of South Africa, and Partnership on Mitigation and MRV-SA, 7-9 May 2013, Johannesburg, South Africa
- United Nation Climate Change Talks, 29. Apr. to 3. May 2013, Bonn, Germany
- Smart water management international workshop, organized by International Union for Communication and Information Technology (ICT), 14-15 Apr. 2013, Luxor, Egypt
- NAMA training workshop, organized by GIZ, 8-9 Apr. 2013, Cairo, Egypt
- United Nation Climate Change Conference, 11 November – 14 December 2012, Doha, Qatar
- Pre-COP 18/CMP 8, Ministerial Meeting on climate change, 21-23 October 2012, Seoul, Republic of Korea
- Low Emission Capacity Building (LECB) Programme Technical Workshop on NAMAs, 2-4 October 2012, Marrakech, Morocco
- CGE Hands-on training workshop for the Africa region on mitigation assessment, 10-14 September 2012, Accra, Ghana
- 1st Centralized Review, Expert Review Team meetings (Industrial Processes and Product Use Sector), reviewed countries Czech Republic, Denmark, Germany and Ireland, 3-8 September 2012, Bonn, Germany
- 7th CDM Assessment Team Training Workshop, 22-23 June 2012, Bonn, Germany
- United Nation Climate Change Conference, 10-25 May 2012, Bonn, Germany
- United Nation Climate Change Conference, 28 November – 9 December 2011, Durban, South Africa
- Technical Workshop on NAMAs for African Countries, 2-4 November 2011, Nairobi, Kenya
- United Nation Climate Change Conference, AWG-LCA14 and AWG-KP16, 1-7 October.2011, Panama City, Panama
- 5th Centralized Review, Expert Review Team meetings (Industrial Processes and Product Use Sector), reviewed countries Croatia, Denmark, European Union, Italy and Latvia, 12-17 September 2011, Bonn, Germany
- Preparatory meeting of African Group of Negotiators, from 8-10 August 2011, Durban, South Africa
- United Nation Climate Change Conference, from 6-17 June 2011, Bonn, Germany
- Preparatory meeting of African Group of Negotiators, from 20-22 May 2011, Cape Town, South Africa
- EU country visit for consultation to prepare ENP South Country project, from 19-22 April 2011, Amman, Jordan
- EU-ENP South project kick-off meeting, from 22-24 March 2011, Brussels, Belgium
- United Nation Climate Change Conference, from 29. November to 10. December.2010, Cancun, Mexico
- 2nd Regional Workshop on Enhancement of Arab Countries capacity to Climate Change Adaptation, 25-27 October.2010, Jeddah, Saudi Arabia
- 6th Centralized Review, Expert Review Team meetings (Industrial Processes and Product Use Sector), reviewed countries Estonia, the United Kingdom of Great Britain and Northern Ireland, Greece, and Slovenia, 13-18 September 2010, Bonn, Germany
- UN Climate Change Talks 2010, 30. September – 9 October 2010, Tianjin, China
- 1st Regional Workshop on Enhancement of Arab Countries capacity to Climate Change Adaptation, 28-30 June.2010, Jeddah, Saudi Arabia
- UN Climate Change Talks 2010, 31 May – 11 June 2010, Bonn, Germany
- First Workshop on the Revision of the UNFCCC Annex I Reporting Guidelines for Reporting of Inventories under the Convention, 27-28 May 2010, Bonn, Germany
- First CDM - AT Training Workshop, 19-20 May 2010, Bonn, Germany
- Consultative meeting on draft framework of North Africa climate change programme, 27-29 March 2010, Nairobi, Kenya
- 2nd Africa Carbon Forum, 3-5 March 2010, Nairobi, Kenya
- Regional Meeting of DNA Forum, 1-2 March 2010, Nairobi, Kenya
- UN Climate Change Conference, 7-18 December 2009, Copenhagen, Denmark
- UN Climate Change Talks, 28 September – 9 October 2009, Bangkok, Thailand
- UN Summit on Climate Change, 22 September 2009, UN Headquarter, New York, USA
- Greenland Dialogue on Climate Change, 19-20 September 2009, New York, USA
- 1st Centralized Review, Expert Review Team meetings (Industrial Processes and Product Use Sector), reviewed countries Liechtenstein, Portugal, Switzerland, and United States of America, 31.Aug.-5 Sep. 2009, Bonn, Germany
- Training seminar for GHG inventory review experts, 29 June-1 July 2009, Bonn, Germany
- United Nation Climate Change Talks, Bonn 2009, 1-12 Jun 2009, Bonn, Germany
- 3rd Special Session of AMCEN on Climate Change, 23-29. May.2009, Nairobi, Kenya

- 6th CDM Joint Coordination Workshop, 27-28. April.2009, Bonn, Germany
- CDM Accreditation Training Workshop, 26. April.2009, Bonn, Germany
- United Nations Climate Change Talks, 29. March – 8. April.2009, Bonn, Germany
- 25th Session of UNEP Governing Council and Global Ministerial Environment Forum, 16-20 February 2009, Nairobi, Kenya
- United Nation Conference on Climate Change, 1-12 Dec. 2008, Poznan, Poland
- Workshop on Preparation for the Second Review of the Kyoto Protocol Pursuant to its Article 9, 22-23 October 2008, Athens – Greece
- All Africa Carbon Forum, 3-5 September 2008, Dakar – Senegal
- Onsite Assessment of ERMCVS applicant entity for accreditation as DOE on behalf of Accreditation Panel of CDM-EB, 25-26 June 2008, London, UK
- SB28, 2-13 June 2008, Bonn, Germany
- Tenth meeting of Egyptian DNA, 29 May 08, Cairo – Egypt
- Carbon Expo 2008, 7-9 May 2008, Cologne - Germany
- Host Country Committee (HCC) meeting, 5 - 6 May 2008, Cologne – Germany
- Workshop on Preparation for the Second Review of the Kyoto Protocol Pursuant to its Article 9, 28-29 April 2008, Bonn - Germany
- UNFCCC 5th CDM DNA Forum, 14-15 April 2008, Bonn - Germany
- UNFCCC 5th CDM Joint Coordination Workshop, "participated as CDM-AT", 12-13 April 2008, Bonn - Germany
- UNFCCC Pre-Sessional consultation on the Adaptation Fund, 29-30 November 2007, Bali-Indonesia
- Ninth meeting of Egyptian DNA, 26 Nov 07, Cairo – Egypt
- Seminar of Clean Development Mechanism (CDM) for African Officials, 31 October – 14 November 2007, Beijing – China
- 14th Coordination Meeting of Environment Experts, Organization of Arab Petroleum Exporting Countries (OAPEC), 23-25 October 2007, Cairo - Egypt
- CDM Designated National Authorities Forum-CDM DNA Forum-Third Meeting, 4 - 6 Oct. 2007, Addis Ababa – Ethiopia
- On-Hand training workshop on regional climate modeling using PRECIS "Providing REgional Climates for Impacts Studies", 10-14 Sep.2007, Nairobi, Kenya
- 11th Euro-Mediterranean Economic Transition conference, 18-19 June 2007, Brussels, Belgium
- Eighth meeting of Egyptian DNA, 30 May 07, Cairo – Egypt
- SB26, 7-18 May 2007, Bonn, Germany
- Carbon Expo 2007, 2-4 May 2007, Cologne - Germany
- Host Country Committee (HCC) meeting, 30 April – 1 May 2007, Cologne – Germany
- CDM Designated National Authorities Forum-CDM DNA Forum-Second Meeting, 26 - 27 Mar. 2007, Bonn - Germany
- CDM Joint Coordination Workshop 2007, 24 - 25 Mar. 2007 Bonn - Germany
- National Workshop on Clean Development Mechanism, in cooperation with the World Bank (WB) and EcoSecurities, 18-19 Mar. 2007, Cairo – Egypt
- UNFCCC Technical Workshop on Joint Implementation (JI), 13-14 Feb. 2007, Bonn – Germany
- Seventh meeting of Egyptian DNA, 22 Jan 07, Cairo – Egypt
- Expert Meeting on Software for the 2006 IPCC Guidelines on National Greenhouse Gas Inventories, 15-17 January 2007, Doha, Qatar
- United Nation Conference on Climate Change, 6-17 Nov. 2006, Nairobi, Kenya
- CDM Designated National Authorities Forum (CDM DNA Forum) First Meeting, 27-28 Oct. 2006, Bonn – Germany
- Egyptian Environment Protection Association Conference, "Environment and Sustainable Development...Integration no Contradiction", 21 Sep 2006, Cairo – Egypt.
- 1st Global Cleaner Production Conference & Exhibition "Clean Globe1" 18-20 Sep., 2006 - Grand Tiba Rose Hotel - Nasr City, Cairo, Egypt
- Sixth meeting of Egyptian DNA, 13 Sep 06, Cairo - Egypt
- 13th Coordination Meeting of Environment Experts, Organization of Arab Petroleum Exporting Countries (OAPEC), 9-11 September 2006, Cairo - Egypt
- Fifth meeting of Egyptian DNA, 7 May 06, Cairo - Egypt
- National Communication Support Program training workshop on Long-range Energy Alternatives Planning System (LEAP), 3-7 April 06, Cairo- Egypt
- Globe 2006 Exhibition, 29-31 March 2006, Vancouver – Canada
- DNA and Focal Point meeting, 27-28 March 2006, Vancouver – Canada
- UNFCCC Technical Workshop on Joint Implementation (JI), 9-10 March 2006, Bonn, Germany
- Fourth meeting of Egyptian DNA, 3 Jan 06, Cairo - Egypt
- CDM workshop for Egyptian National Bank, Dec 24, 2005, Cairo - Egypt
- United Nation Conference on Climate Change, COP11, COP/MOP1, SBI23, SBSTA23, High Level Segments, 28 Nov. – 9 Dec. 2005, Montreal, Canada
- Capacity Building Self-Assessment workshop for Rio-Conventions, 24 Nov. Cairo - Egypt
- Consultative Group of Experts on Non-Annex I National Communications (CGE) Hands-On Training Workshop on Mitigation Assessments, 26-30 September 2005, Seoul, Republic of Korea
- CDM workshop for Commercial International Bank, Oct 2, 2005, Cairo - Egypt
- 12th Coordination Meeting of Environment Experts, Organization of Arab Petroleum Exporting Countries (OAPEC), 13-14 September 2005, Cairo - Egypt

- Third meeting of Egyptian DNA, 5 Sep. 05, Cairo - Egypt
- Enabling Activities for Egypt's Second National Communication workshop, August 11, 05, Cairo - Egypt
- Industry, Environment and Clean Development Mechanism Forum, Environment Day, June 11, 05, Cairo - Egypt
- Twenty-Second Sessions of the Subsidiary Bodies of the UN Framework Convention on Climate Change, 19-27 May 2005, Bonn-Germany.
- International Conference and Fair for Environment and Technology (Americana 2005), 6-8 April 2005, Montreal, Canada
- International seminar on CDM in francophone countries, 4-6 April 2005, Montreal, Canada
- CDM workshop for Investment Companies & Banks, May 7, 2005, Cairo - Egypt
- Consultative Group of Experts on Non-Annex I National Communications (CGE) Hands-On Training Workshop on Vulnerability and Adaptation Assessments, 18-22 April 2005, Maputo - Mozambique
- Second meeting of Egyptian DNA, 14 April 05, Cairo - Egypt
- First meeting of Egyptian DNA, 23 March 05, Cairo - Egypt
- Djerba CDM Investor Forum, The First Carbon Exhibition in North Africa and Middle East, 22-24 September 2004, Djerba, Tunis.
- Fourth National Workshop on Additionality, Project Cycle and Sustainable Development Issues in CDM Projects, Cairo, 7-8 September 2004.
- Fourth Regional Workshop (R4) of the Phase II of the project "Capacity Development for Clean Development Mechanism", "Important issues to address in CDM Projects, Additionality, Project Cycle and Sustainable Development Legal/contractual issues", 27-29 Aug. 2004, Tunis
- Third National Workshop (N3) on PDD Preparation for the Development of CDM Projects, 14-15 June 2004, Cairo, Egypt
- Fifth Regional Workshop (R5) of the Phase II of the project "Capacity Development for Clean Development Mechanism" "Meeting of the Designated National Authorities of the NA & ME Region" 23 April 2004, Marrakech, Morocco.
- Second National Workshop (N2) of the Phase II of the project "Capacity Development for Clean Development Mechanism" "Baseline Determination for the Development of CDM Projects in Egypt" 31 Mar – 1 Apr 2004, Cairo, Egypt
- Second Regional Workshop (R2) of the Phase II of the project "Capacity Development for Clean Development Mechanism", "Baseline Issues & PDD Preparations for the Development of CDM Projects in NA & ME Region, Hammamet, 18-20 March 2004, Tunis
- 1st national workshop of the project "Capacity Development for Clean Development Mechanism" 12-13 January 2004, Cairo, Egypt
- First regional workshop of the project "Capacity Development for Clean Development Mechanism" entitled "Legal, Regulatory and Financial Issues Related to the Implementation of the CDM in NA & ME Region" 20-21 December 2003, Tunis, Tunisia.
- 21st Session of the IPCC and Plenary Sessions of IPCC Working Groups, 3-7 November 2003, Vienna, Austria.
- Symposium/Workshop on Italian technology for waste recycling, water treatment and energy recovering, Sep. 23rd 2003, Cairo-Egypt
- The Cost of Environmental Degradation in Egypt, Workshop By the World Bank Institute, Dec. 15-19, Cairo-Egypt
- Climate Change: An African Perspective, By the World Bank Institute & GDLN, Sep. 10-26, 2002, Cairo-Egypt.
- Round Table Discussion Meeting for the Project NAWQAM, National Center for Water Researches, 19-20 Oct. 2002, Cairo, Egypt
- Expert Consultation and Regional Technical Coordination Meeting, , 20-23 Jan., 2002, Kuwait
- Workshop on Climate Change and Agricultural Impacts, Faculty of Science, Cairo Univ., 25-28 Mar. 2000, Cairo-Egypt.
- Consultative Group on International Agricultural Research (CGIAR) Mid- Term Meeting, May 1997, Cairo, Egypt

Publications and Conference Proceedings

Journal Papers

- TANTAWI, S.T., EL-MALKY, M. G., ABDELWAHAB, M.M, HINDAWY, S.K., NAFEA, A..H and BRYANT, C. (2016) "*Vulnerability and Adaptation Assessment for Some Vulnerable Sectors in Egypt Using Climate Change Regional Circulation Models*", Ph.D. Thesis, Faculty of Graduate Studies and Environmental Research, Ain Shams University, 2016
- TANTAWI, S.T., EL-MALKY, M. G. and ABDELWAHAB, M.M, (2016) "*Vulnerability and Adaptation Assessment of Agriculture to in Egypt Using Mathematical Models*", Ph.D. Thesis, Faculty of Graduate Studies and Environmental Research, Ain Shams University, 2016
- TANTAWI, S.T., ABOU HADID, A.F., EL-MALKY, M. G. and MEDANY, M.A.M. (2006) "*Utilization of Mathematical Models to Overcome Problems Related to Temperature and Relative Humidity Variations inside Greenhouse*", Master Thesis, Faculty of Graduate Studies and Environmental Research, Ain Shams University, 2006
- TANTAWI, S.T., ABOU HADID, A.F., EL-MALKY, M. G. and MEDANY, M.A.M. (2006) "*Prediction of the Temperature inside Greenhouse Using Outside Measurements*", Scientific Magazine of Faculty of Graduate Studies and Environmental Research, Ain Shams University, 2006
- TANTAWI, S.T., "*Egyptian Designated national Authority (DNA)*", Peace Forum, The Graduate Institute of Peace Studies, Center for the Reconstruction of Human Society, Kyung Hee University, Spring 2008 edition of Peace Forum, Vol.XXI, No.33/2008, ISSN 1229-2168, pp.71-83, South Korea
- TANTAWI, S. and LABIB, M. (2010), "*Mitigation Assessment Results and Priorities for Egypt*", Air & Waste Management Association (AWMA), USA
- LABIB, M., TANTAWI, S. and HANNALAH, E. (2010), "*Environmental Vulnerability Mapping in the Coastal and Suez Canal Zones in Egypt*", Air & Waste Management Association (AWMA), USA

- LABIB, M., TANTAWI, S. and HANNALAH, E. (2010), National Plans for the Development of Solar Thermal Energy in Egypt, Air & Waste Management Association (AWMA), USA
- TANTAWI, S., LABIB, M. and HANNALAH, E (2010), *Implementation of the Clean Development Mechanism (CDM) Project in Egypt*, Air & Waste Management Association (AWMA), USA
- TANTAWI, S., El-Malky, M. G., Farid, M.N, (2013) *Water Resource Sector Vulnerability and Adaptation Assessment to Climate Change from a Natural and Social Science Perspective in Egypt*, Environmental Research & Studies Institute Magazine, Ain-Shams University

Conference Papers

- TANTAWI, S.T., MEDANY, M.A.M., and ABOU HADID, A.F. (2000), "CLACMAN: A Computer Program for Agrometeorological Data Collection, Processing, Quality Control and Manipulation", Workshop on Climate Change and Agricultural Impacts, Cairo, Egypt.
- TANTAWI, S.T. and ABOU HADID, A.F. (2002) "Information Technology for the Arabian Peninsula" Presented at 2nd Protected Agriculture Regional Technical Coordination Meeting, ICARDA, 20-23 January 2002- Kuwait
- TANTAWI, S.T. and MANSOUR, E. S. (2005) "Kyoto Protocol and its role in Improving Environmental Conditions through Clean Development Mechanism", Arab International Conference for New Energy Technologies to Improve the Environment, 27-28 Sep. 2005, league of Arab States, Cairo, Egypt – Pages 70-78
- TANTAWI, S.T. and MANSOUR, E. S. (2006) "Egypt Experiences in CDM", 13th Coordination Meeting of Environment Experts, Organization of Arab Petroleum Exporting Countries (OAPEC), Cairo, 9-11 September 2006
- TANTAWI, S.T. and MANSOUR, E. S. (2006) "CDM Investment in Egypt", 1st Global Cleaner Production Conference & Exhibition "Clean Globe1" 18-20 Sep. 2006 - Grand Tiba Rose Hotel - Nasr City, Cairo, Egypt
- TANTAWI, S.T. and MANSOUR, E. S. (2006) "Egyptian Experiences in CDM Concerning Project Approval & Implementation as well as DNA Regulations", 1st International Conference on Clean Development Mechanism (CDM), 19-21 Sep. 2006 - Riyadh- KSA.
- TANTAWI, S.T. (2007) "The Contribution of Clean Development Mechanism in Sustainable Development", International Conference on Climate Changes and their Impact on Coastal Zones and River Deltas: Vulnerability, Mitigation and Adaptability, 21 - 25 April 2007 - Alexandria, Egypt
- TANTAWI, S.T. and MANSOUR, E. S. (2007) "Carbon Dioxide Capture & Storage (CCS) and its Contribution to Climate Change", 14th Coordination Meeting of Environment Experts, Organization of Arab Petroleum Exporting Countries (OAPEC), 23-25 October 2007 – Cairo - Egypt

National Reports / Studies

- 2022: MoE, Fourth National Communication Report (Moe: The Egyptian Ministry of Environment)
- 2022: MoE, Climate Change Strategy – 2050
- 2022: MoE, Updated Nationally Determined Contribution (NDCs) Report
- 2022: MoE, Updated Low Emission Development Strategy (LEDS)
- 2022: EBRD - Gender and Climate Action Fast Track Initiative: Lead-up to COP27
- 2022: IFAD: Assessment of Sustainable Agriculture Investment and Livelihood Project (SAIL) (IFAD: International Fund for Agricultural Development)
- 2019: MoE, Mitigation Action Database
- 2019: MoE, Carbon Market Readiness
- 2018: MoT: Low Emission Development Strategy for Tourism Sector (MoT: Ministry of Tourism)
- 2018: MoE, Low Emission Development Strategy – LEDS
- 2017: MoE, Mitigation Action Plans for Industrial Sector (Cement, Fertilizer, Iron & Steel), Ministry of Environment
- 2015: MoE, Intended Nationally Determined Contribution (iNDCs)
- 2015: MoE, NAMA Mapping in 10 Sectors including, Energy, Industry, Transport, Agriculture, Housing, Tourism, and others (NAMA: Nationally Appropriate Mitigation Action)

Regional Reports / Studies

- 2022: LAS/AOAD, Assessment of Nationally Determined Contributions (NDCs) Reports in the Arab Countries, Arab Organization for Agricultural Development (AOAD), League of Arab States (LAS)
- 2019: EU, Study on the EU support provided at regional and bilateral level in the field of climate change in the Neighborhood South countries (2012-2018)"
- 2012: Egypt and Saudi Arabia, Increasing Adaptive Capacity to Climate Change in Arab Region
- 2012: EU, Preparation of a regional climate change project under the Regional Action Programme ENPI South
- 2009: FAO, Agro-Industry in Egypt (FAO: Food and Agriculture Organization)

Membership

- Lead Author for the Intergovernmental Panel on Climate Change (IPCC) 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

- Lead Reviewer (LR) with UNFCCC, Greenhouse Gases Inventory reports of Developed Countries for “Industrial Processes and Product Use-IPPU” sector
- Lead Reviewer (LR) with UNFCCC, Biennial Reports from Developed Countries (BR/Annex-I)
- Lead Reviewer (LR) with UNFCCC, National Communications from Developed Countries (NC/Annex-I)
- Lead Reviewer (LR) with UNFCCC, Biennial Update Reports from Developing Countries (BUR/Non-Annex-I)
- Expert Review Team (ERT) for UNFCCC, Greenhouse Gases Inventory reports of Developed Countries for “Industrial Processes and Product Use-IPPU” sector
- Reviewer with UNFCCC of Biennial Reports from Developed Countries (BR/Annex-I)
- Reviewer with UNFCCC of National Communication from Developed Countries (Nat Com/Annex-I)
- Team of Technical Experts (TTE), reviewer with UNFCCC of Biennial Update Reports from Developing Countries (BUR/Non-annex I)
- CDM-AT "Clean Development Mechanism Assessment Team" of Accreditation Panel (EB-AP), UNFCCC
- Desk Reviewer of CDM Methodologies, EB-CDM, UNFCCC
- National NAMA Approver with UNFCCC
- Egyptian Designated National Authority (DNA) for Clean Development Mechanism (CDM)
- Carbon Footprint National Committee
- Egyptian Delegation of United Nation Conference on Climate Change
- Roster of Experts of UNFCCC
- Roster of Experts of IPCC
- Roster of Experts of Global Support Program (GSP)
- Working group III of GEF GHG Methodology
- Nationally Appropriate Mitigation Actions (NAMA) Committee (Secretary of the Committee)
- Reviewer of climate change projects proposal with Science and Technology Development Fund (STDF)
- Former Climate Change Focal Point in Union for Mediterranean (UfM)
- Former national representative to the Climate Change Expert Group (CCEG) of UfM
- Former Mitigation Committee of the National Climate Change Council
- Former Advisory Board of Climate Change mitigation and resilient Project, UNIDO, Ministry of Industry
- Former member of the First Biennial Update Report (BUR-1) Project Steering Committee
- Former member of the Third National Communication (TNC) Project Steering Committee
- Former EEAA-Columbia University Cooperation Focal Point
- Former member of the Coordination Committee between Ministry of Environment and Ministry of Telecommunication & Information Technology, (Green ICT Committee)
- Former Secretary of Host Country Committee of CDM project, which is belonging to The World Bank (WB)

Computer/Other Skills

- International Computer Driving License (**ICDL**)
- Microsoft Certified Solution Developer (**MCSD**) preparation courses, IPEC, Egypt
- Microsoft Office programs (Excel-Word-Access- PowerPoint)
- Software Developing
- Network Administration
- System analysis & System programming
- Computer hardware

Programming languages

Visual Basic.

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