Ahmad

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PROFESSIONAL EXPERIENCE

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| **Researcher, Head of Drainage and Water Quality Research Department-Administration of Natural** |
| **Resources Research, General Commission for Scientific Agricultural Research Damascus, Syria 2003 – 2015** |

* Supervising of different works of the department.
* Preparing and follow up the implementation of scientific plans.
* Annual and seasonal Technical reports preparing and presenting to the director.
* **Preparing specialized programs for increasing awareness among stockholders related to Treated wastewater reuse** (publication of a book **Treated Wastewater Use in Agriculture** for farmers and engineers in 2014**, field visit and presentations)**.
* Enhancing the collaboration with another research department
* Evaluation of Water chemical analysis for different purposes.
* Design of horizontal covered drainage systems, hydro-physical study of soils

1. (participated in the design of drainage system for 120 h in city 0f Alraqqa – Euphrates Basin.
2. Head of Technical committee for studying the Logging problems in Khan Arnabe research station in Alqunaitara Research Center, with following responsibilities: - conducting field studies, - analysis of achieved results, preparing final technical reports of the study.
3. Member of follow-ship committee of cultivation plan after constructing covered drainage system in Ob –Alkhwen Irrigation and drainage research station in Raqqa Research Center.

* **Conducting environmental studied of natural resources pollutions and methods of decreasing of it, s**upervisor of treated wastewater and saline water reuse for crops irrigation experiments in the farms:

1. The effect of different concentration saline water reuse in irrigation of wheat, cotton and sugar beet.
2. The Effect of different groundwater table on soil salinity development in the condition of wheat irrigation.
3. The effect of using a different concentration of saline water on germination of sugar beet.
4. The use of sulfur water for crop irrigation.
5. The of Treated wastewater reuse in the soil and production of the adjacent field to the treatment plants in Hama and Qamishly.
6. The Effect of Gray water reuses in the soil properties and agricultural production quality.
7. The influence of reservoirs on soils, groundwater dynamics and plant cover of adjacent territories; river water quality, and ecological situation in whole river basins.

* Training needs evaluation and organizing training courses for engineers and farmers.
* **Provide translation** of foreign reference for scientific publication from English and Russian into Arabic and Vice versa.

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| **Member of the Scientific Committee on the Administration of Natural Resources Research** |
| **General Commission for Scientific Agricultural Research Damascus, Syria** |

* **Preparing general plans of Sustainable Natural resources management to achieve Green Environment**.
* Supervision of general scientific plans implementation
* Participating in emergency case finding solutions
* Research proposal evaluation
* Technical reports preparation and evaluation
* Training needs and plans preparation.

**ADDITIONAL PROFESSIONAL EXPERIENCE:**

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| **Member of State Committee for Reviewing and modifying the Syrian Standards for Drinking Water** |
| **Ministry of State for Environmental Affairs Damascus, Syria July 2014 – July 2015** |

* Preparing the database of different parameters needed for the Standards.
* **Conducting awareness programs and environmental training courses** **of drinking water rational use**.
* Reviewing the international references related to the Standards.
* Studying, analyzing and modernizing the parameters of the Standards.
* Suggesting the modified Standards and presenting it to the Authority for accreditation and use.

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| **Member of State Committee of studying the Cost of Environmental Degradation (COED) in Syria** |
| **Ministry of State for Environmental Affairs Damascus, Syria January 2013 –April 2014** |

* Collecting needed data for the study
* Participating in preparing the methodology used in the study.
* Work jointly with other members to evaluate the collected data
* Participating in writing the technical and final reports

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| **Project Coordinator of the developmental project "Rational Use of Natural Resources to Improve Agriculture Production” between Ministry of Agriculture - Syria and CIHEAM – IAMB – Italy.** |
| **Ministry of Agriculture, Damascus, Syria May 2010 – Sept 2011** |

* Assured constant contacts between the Project and the Syrian Counterpart
* Assisted the Project Manager and IAMB Experts in the implementation of the activities
* Worked jointly and in accordance with Project Manager for the implementation of project activities
* Assisted the Project Manager for preparation of the periodical technical reports
* Assisted the Project Manager and IAMB Experts in the transferring of the lessons learned
* Assisted the Project Manager to organize and manage the project team
* Helped the Project Manager in facilitating communication & discussion between team members
* Prepared training courses programs and awareness presentation for the farmers during the field days.
* **Preparation and translation** of English documentation into Arabic and vice versa.

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| **Head of State Committee for Observation of Groundwater Levels and Quality** |
| **General Commission for Scientific Agricultural Research, Damascus, Syria 2007 - 2010** |

* Evaluating of different water analysis (chemical and biological) results
* Preparing working plans of the committee
* Preparing reports of achieved results
* Contact with other organizations for exchanging data and collaboration
* Preparing scientific papers of achieved results for presentations and publishing.

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| **Agriculture Project Director** |
| **Administration of Production Projects, Damascus, Syria May 2005 – October 2006** |

* Preparing of annual plans of agricultural works on the farm
* Planning the farm demands and needs of tools, seeds, fertilizers, **pesticides** and so on
* Supervising of the agricultural works in the farm (cultivating, Irrigation, adding **pesticides** for plant insects and diseases and fertilizers and harvesting)
* Supervising of marketing works of the production in the farms.
* Supervising of technical works in the farm (periodical technical observation of different machines like cars, tractors, pumping machines and cultivating tools).
* Follow up the quality of irrigation water in the farm.

**EDUCATION**

**PhD. of Engineering (Water – Salt transportation Processes in the Soil and Method of Their Regulation).** Yerevan State University of Architecture and Construction, Armenia 1998 – 2002

**Diploma and Master Degree in soil science (Effect of Reservoirs on the Soil of adjusted Territories, a case study of Kiev Reservoir in Forest Belt of Ukraine)** National Agricultural University, now a day is National University of Life and Environmental Sciences of Ukraine 1991 – 1996

**LANGUAGES**

* Arabic (mother language)
* Russian (fluent writing, speaking and reading), Certificate granted the right to teach Russian at courses and circles.
* English (very good, writing, speaking and reading)

**CONFERENCE & WORKSHOP ATTENDED**

* Use of Treated Wastewater in Irrigation. Training course held by GCSAR. (Lecturer)
* Use of Forages Irrigated by Drainage Water in Livestock Feeding. Training course held by GCSAR and the ICBA project "Adaptation with Climate changes" (Lecturer)
* Laboratories and Water Chemical Analyses. Training course held by GCSAR. (Lecturer)
* Water Use Associations and Water Harvesting. Training course held by National Project of Modern Irrigation. (Lecturer)
* Economic Studies of Salt Tolerant Fodder Crops. Training course held by GCSAR and the ICBA project "Adaptation with Climate changes" (Lecturer)
* 16 World Congress of Soil Science.