

# Curriculum Vitae

## I. PERSONAL

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## II. WORKING EXPERIENCES:

### 1. CONSULTANCY

#### *1. 1. Part Time International Consultancy:*

**1. 1. 1.** From October 2011 till now working as **socio- economic, traditional and collective water management consultant** for the Graduate Institute- Geneva. The main activities carried out are to conduct studies on:

1. socio-economic dimension and the management of water resources in the Orontes basin.
2. the impact of current crisis in Syria on socio-economic conditions of farmers in the Orontes basin.
3. the potential of local collective water management system in the Orontes basin and the needs regarding post conflict water management in the Orontes basin.

**1. 1. 2.** From 6- 17 August 2011 worked as **Regional Agricultural Extension consultant** for the Arab League, Arab Organization for Agricultural Development, Cairo. The main activities carried out were:

1. Analyze the recent situation of Agricultural Extension systems in the Arab world.
2. Identify procedures and criteria that are used for evaluating agricultural extension programmes in the world.
3. New vision for future extension programmes.

**1. 1. 3.** From March 25<sup>th</sup> to April 24<sup>th</sup> 2009 worked as **Agricultural Extension Methodology consultant** for FAO project called "IMPROVEMENT OF AGRICULTURAL TRAINING CENTRES IN THE KINGDOM OF SAUDI ARABIA *UTF/SAU/027/SAU*". The main activities carried out were:

1. Review the present agricultural extension system (functions and responsibilities, organizational structure, staffing, existing plans, approaches, methodology, previous achievements and on-going programmes and activities, constraints and opportunities, etc);
2. Assess training needs of extension staff with regards to appropriate planning and management of the extension processes/programmes/activities including communication approaches and tools; extension programme development, implementation, monitoring and evaluation;
3. In consultation with the PC and the CTA, review extension activities and required extension training under the different projects within the overall Technical Cooperation Programme in KSA, and prepare a proposal for coordination of activities;
4. Identify national and international training institutes and assess potential partnerships for development and delivery of the extension training programme;

5. Based on the results of the above activities, prepare a training programme and assist in developing the curriculum and packages for training courses on extension methodology;
6. Prepare a time table for implementation of the extension training programme;
7. Prepare terms of agreement for conducting training activities, where applicable;
8. Participate in conducting and evaluating and adjusting extension training courses.

1. 1. 4. From October 17<sup>th</sup> to November 16<sup>th</sup> 2008 worked as *Extension and Communication consultant* for FAO project called "Support of the Rural Institutions for the benefit of Small Scale Farmers in the Kingdom of Saudi Arabia (SRISF) UTF/SAU/014/SAU". The main activities carried out were:

- Design and conduct an in-depth technical analysis of the current agricultural extension service and activities "centralized and decentralized" with specific focus on agriculture and rural development related issues, including who is financing and implementing agricultural advisory services and the role of community mobilization and organization as regards support to small scale farmers.
- Provide technical assistance in relation to extension service strategy and policy advice to MOA and its decentralized offices as well as to producer organizations, with special emphasis on rural agriculture development.
- On the basis of the assessment of current situation of agricultural service delivery to small scale producers (farmers, forest users and fishermen) and their organizations situation (strength, weakness, problems and opportunities), assist with design and preparation of an extension and communication plan and strategy with special focus on support to small-scale producers, and with recommendations on who should implement and finance agricultural advisory services between the government agencies, private entrepreneurs and producer organizations themselves. The plan is to include a national and regional components covering project pilot areas.
- On the basis of the findings related to the above point, assist in the design and organization of an extension and communication training programme targeting extension staff working at regional and central government institutions.
- Taking into account current needs at local level and the basis of the extension and communication plan, design and finalize communication materials including video film, TV spots, leaflets and others.
- Assist in organizing, and participate in, a series of periodical training workshops, training trips to regional capacity building institutions, and field trips, for staff of MOA, community organizations and small farmers for on-job training in agricultural production systems.
- Assist in organizing, and participate in, a series of training workshops for farmers in adoption of new cropping patterns and agricultural production systems.

#### 1. 2. *Part Time National Consultancy:*

1. 2. 1. From March 2012 till now I am working as part time FAO national *consultant on food security assessment* performing the following tasks:

- Conduct localized field surveys/ socio- economic assessment of FAO related activities.
- Participate in the planned food security and livelihood survey.
- Advise on criteria/ standards related to the identification of project beneficiaries and project targeted sites as well.
- Represent/ discuss all matters of socio-economic nature related to FAO activities with FAO partners such as Government, UN agencies, NGOs, etc.
- Conduct a rapid assessment of the socio-economic impacts resulting from the damage caused by national disasters and the means/ ways to mitigate these impact.
- Advise on the socio-economic aspects of an emergency project to be supported by FAO in response to the respective emergency case.

1. 2. 2. From November 2009 till November 2010 worked as part time consultant on Community Based Fire Management for the GCP/ SYR/ 012/ ITA/ Project.

1. 2. 3. From 01. 07. 2009 to 30. 11. 2009 worked as part time consultant on Participatory Rural Appraisal for TCP/ SYR/ 3102/ Project. The main activities carried out were:

- Prepare an outline for the work to be conducted in the pilot area, including preparation of methodology and material such as questionnaires and identification of stakeholders.
- Conduct a participatory rural appraisal in the pilot area, with emphasis on current land and water resources use and planning.
- Analyze the constraints and opportunities in land and water management and conservation.
- Arrange and conduct round-table meeting with relevant stakeholders of the pilot area (farmers, technicians, planners, private-sector representatives, etc.) to discuss results of the appraisal and make suggestions for future community-based planning activities.

1. 2. 4. From December 15<sup>th</sup> 2007 till October 15<sup>th</sup> 2008 working as part time land tenure and Bedouin traditional land consultant for IUCN project called "Collaborative Management of Natural Resources and Biodiversity in the Palmyra Desert".

1. 2. 5. From October 2004 till 2006 worked as part time participatory, forestry extension and raising awareness consultant for FAO, GCP/ SYR/ 010/ ITA project (Participatory and Integrated Fire Management). The main activities carried out were:

**i. Community Participation:**

- collect, review and analyze socio economic data and information related to natural resources management in particular;
- assess current support provided by different institutions including extension services to community involvement in natural resources and forest fire management in the country;
- review and analyze the institutional framework for the management of natural resources;
- review in detail the linkages between populations and communities and the occurrence of forest fires;
- evaluate the community involvement and or potential in forest resources development and conservation and their organisation to that effect;
- study the involvement of rural people and communities in forest fire control;
- participate as a resource person and trainer in the organisation and development of relevant training courses and help make the necessary preparations and materials for the participatory courses;
- assist the project in formulating a strategy outline, which integrate a participatory approach to fire prevention;

**ii. Awareness raising:**

- Identify the gaps and needs of information, education and sensitisation on forest fire issues;
- Analyse collected national baseline fire data for participatory fire management; prepare a gender sensitized awareness raising strategy, with clearly identified target populations including literacy approaches;
- Participate as a resource person in the planning and organization of a national forest fire Campaign;
- Participate as a resource person in engaging the local artist community in preparing fire awareness material such as; fire music, fire drama theatre and script, fire posters, national fire logo, fire stickers, comic books , billboards;
- Assist in developing and seeking of approval for a National Fire Logo;
- Liaise with the Ministry of Education in involving local schools and their teachers in the fire campaign in communities adjacent to forest areas;
- Liaise with Ministry of Education in providing fire awareness material for literacy;

- Liaise with the Ministry of Information in using TV and local radio for playing fire drama.

1. 2. 6. From October 1996 till June 1997, worked as part time *PRA/Range Extension consultant* for GCP/SYR/003/ITA, Food and Agriculture Organization of the United Nations (FAO). Elaborated an Extension Programme and the mean to be used, to be followed by Extension staff involved in the project of "Range rehabilitation and the Establishment of a wildlife reserve in the Syrian Steppe". Trained National Staff of the FAO project in Extension techniques, participation, scenarios and script writing that are necessary to produce targeted video Extension films. Supervised and applied some PRA and Extension activities related to Bedouins (both sheep and camel operators) in Al- Badia (the Syrian steppe). Studied Bedouin societies in terms of economic, culture, communication, social, etc.

1. 2. 7. From October 1994 till 1996, worked as part time consultant (*Range Extension Consultant*) for Pasture, Forage and Legume Programme (PFLP), International Center for Agricultural Research in the Dry Area (ICARDA), produced extension communication materials (Video Films and Slides) related to Al-Bab Project (works in the marginal land of Syria) . The aim was to promote the adoption of vetch, self regenerating medics, lamb fattening innovations and the rehabilitation of marginal land through reseeding of pasture legumes.

*1. 3. Full Time National Consultancy:*

From June 1997 till June 2004 worked as full time *Participatory Rural Appraisal (PRA) /Range Extension consultant* for FAO, GCP/SYR/009/ITA project (Range Rehabilitation and the Establishment of a wildlife Reserve in the Syrian Steppe). The main activities carried out are:

*i. Socio- economic studies*

- Apply PRA approach, tools and techniques for the identification and prioritization of Bedouins felt and extension needs, constraints and problems.
- Identify formal and informal institutions (local) that work in and outside Bedouins context.
- Identify Bedouins' facilitators using Strength, Weakness, Opportunity and Threat (SWOT) analysis technique in order to use them as extension contacting agents for transferring messages related to conservation education and other issues concerning Bedouins felt needs, problems and constraints.

*ii. Raising awareness, communication, Extension and training*

- Assist in the elaboration of an approach for reaching mobile herders via extension services and guide related field activities;
- Supervise and assist in the production of extension communication materials related to the natural resources management and the conservation of biodiversity as well as to raise Bedouins awareness of their constraints and problems. Up to now several communication materials such leaflets, flip chart and radio messages have been produced and used in communications.
- Train national staff in PRA approach and techniques, communication and extension methods, socio- economic and survey techniques, writing scientific reports and concluding results.
- Train Bedouins facilitators (Abna'a Al- Badia) in conservation education related to the natural resources management in Al- Badia. Also, Bedouin facilitators are trained in issues that assist them in solving their own problems and satisfy their needs.
- Elaborate and write an Extension programme based upon Bedouins felt and extension needs.

- Elaborate conservation education programme for school children and produce conservation education kit for them. The kit which include several communication materials such as flipchart, colouring and exercise book, two didactical posters, learning by doing book and teacher guide.
- Establish friends of Talila clubs among school children.
- Establish, in collaboration with an international communication consultant, an Environmental Education Centre at Talila Reserve.
- Assist in the preparation and the production of the extension messages manual to be used by the extension staff after the termination of the project.
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### **iii. Community participation and empowerment**

- Empower Bedouin communities to identify and strengthen their informal institutions to take over the development process after the termination of the project.
- Involve and preparing all stakeholders to be more efficient in the development process.
- Assist in the preparation of grazing management plan to be implemented by Bedouin communities.

### **iv. Income generation, women development and eco- tourism**

- Consolidate extension work related to income generation, in particular to Bedouin women;
- Prepare and assist Bedouins to develop eco- tourism in the project areas.
- Supervise and assist in the introduction of solar energy system into the Bedouins tents in the Syrian steppe.

### **v. Solar energy**

- Four solar energy systems for generating electricity have been introduced into four unsettled (mobile) Bedouin families in El- Badia (the Syrian steppe). The aim was to testify the efficiency and the fitness of the four systems under the Bedouins conditions and to raise the awareness of Bedouins for future adoption. Bedouins reactions and awareness after two years of the introduction of these solar systems were assessed and the results were positive. The performances of the four systems were assessed as well. The results were also positive.
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### **vi. Managerial skills**

- In addition to my work as PRA/ Extension Consultant for the GCP/ SYR/ 009/ ITA Project, I worked as Officer In Charge (OIC) for the GCP/ SYR/ 009/ ITA Project from the first of August 2002 till the end of May 2003.

## **2. TEACHING, STUDYING AND WORKING**

**2. 1.** From October 2006 till now teaching Agricultural Extension, Rural Society and Rural Development for undergraduate students (standard & open university) and post graduate students (MSc.) at Al-Ba'ath University- Homs- Syria. Also I am supervising 10 postgraduate students (9 MSc. & 1 PhD.) with different subjects related to Agricultural Extension, rural development, socio-economic and culture of Bedouin societies (sheep and camel raisers), small project enterprises, adoption and diffusion of agricultural innovations (e.g. irrigation techniques) and animal behaviour. In addition, I am the head of Agricultural Economics and extension Department at the Faculty of agriculture- Al-Ba'ath University.

**2. 2.** From 1991- till 2006: Lectured at the University of Aleppo, Faculty of Agriculture, Dept. of

Agric. Econ. and Extension.

*Position held:* Associate Professor

- Teaching:
  - a- Agricultural Extension (theory and practice) for undergraduate students.
  - b- Rural Society (theory and practice) for undergraduate students.
  - c- Agricultural Extension and Rural Development (theory and practice) for Diploma students.
  - d- Advanced Agricultural Extension (theory and practice) for Diploma students.
  - e- English applied language study for undergraduate students.

2. 3. From 1984- 1991 Postgraduate student at the University of Reading and the University of Nottingham, England, UK . During that time;

- I have taken part in an income generation and eco- tourism study tour to Yugoslavia in March/April 1985.
- In collaboration with ICARDA, I have carried out a survey on "Wheat Extension Farmers in Syria" in 1987- 1988.
- Joint supervision: jointly supervised M. Sc. students from different overseas countries; e.g. Ethiopia, Sudan, Algeria, etc. on different subjects related to Agricultural Extension and Rural Development.
  
- Supervision: supervised B.Sc. and Diploma dissertations on several topics related to Agricultural Extension and Rural Development,. For example, "The adoption of agricultural innovations by Syrian Farmers", "Evaluation of Agricultural Extension programme in Syria", " The role of Agricultural Extension in closing food gap" , "The relation between the Agricultural Research and the Agricultural Extension in Syria" "food security", "rural wealth ranking", " indigenous technical knowledge".
  
- Joint Supervision of M.Sc. and Ph.D. students on topics related to the Agricultural Extension and Rural Development. For example, "A Study of Socio-economic Factors Related to the Adoption of Agricultural Innovations by Syrian Farmers", "An Evaluation of the Extension Methods in Syria", " A

2. 4. From 1982- 1984 Assistant lecturer at the University of Aleppo, Faculty of Agriculture.

*Position held:* Assistant Lecturer.

- Teaching: Agricultural Extension, Rural Societies and Statistics (Practical Courses). Study of some Rural Development Obstacles in Syrian Rural area". etc.

2. 5. From 1981- 1982: Agricultural Extension Agent, Directorate of Agriculture, Homs-Syria.

*Position held:* Communicator, Field Demonstrator and Technical advisor.

### **3. RESEARCH**

From June 1995 till 1996: worked with/ and supervised a team of scientists for doing a survey on Agricultural Extension Units (situation, activities, their role in technology transfer etc.), starting with Aleppo Province. The general objective of this research was to close up the gap between what have been recommended by Extension and what farmers are really practicing. In a hope, this would improve the effectiveness of Agricultural Extension in Syria".

### **III. ACADEMIC QUALIFICATIONS:**

1. Ph.D. in Agricultural Extension (A Study of the Adoption of Agricultural Innovations by Syrian Farmers), 1990, Dept. Of Agriculture and Horticulture, Nottingham University, England, UK.
2. M.Sc. in Agricultural Extension (Communication and Extension methods), 1985, Agricultural Extension and Rural Development Centre (AERDC), Reading University, England, UK.
3. B.Sc. in Agriculture (General), 1979, Faculty of Agriculture, Aleppo University - Syria.

#### **IV. LANGUAGE:**

English fluent, full working knowledge, Arabic mother tongue

#### **V. COMPUTER SKILLS:**

Word, SPSS, GENSTAT, EXCEL (ICDL)

#### **VI. REFERENCES:**

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#### **VII. PUBLICATIONS AND REPORTS:**

1. Razzouk, T. (1985) "Radio and Rural Development in Developing Countries", M.Sc. Dissertation, University of Reading, England, UK.
2. Razzouk, T.; Seabrook, M.F. and Nordblom, T.L. (1988). "The Adoption of Wheat varieties by farmers in North and East Syria". Report to ICARDA, SYRIA.
3. Razzouk, T. (1990). "A Study of the Adoption of Innovations by Syrian Farmers" Ph.D. Thesis, University of Nottingham, England, UK.
4. Razzouk, T. and Atwan, S. (1996) "The Role of Agricultural Cooperative Bank in Agricultural Development in Syria". Paper presented to the Fourth Arab Management Conference, 16- 18 July 1996. The Management Centre, The University of Bradford, Bradford, England, UK.
5. Razzouk, T. ; Seabrook, M. F. and Al Jani, k. (1997) "Survey of Grazing Co-operative-Involved in Talila Project in the Syrian Steppe" paper presented to the Conference on the Management Development in the Agricultural Sector in Arab Countries- 24- 26 June 1997, Bradford University, Bradford, UK.

6. Razzouk, T. (1997) "Extension consultancy Report" GCP/ SYR/ 003/ ITA, FAO Project Report.
7. Mirreh, M. M. & Razzouk, T. (1997) " Survey Of Cooperatives: Arak, Munbateh and Abbassia". GCP/ SYR/ 003/ ITA, FAO Project Report.
8. Atwan, S. & Razzouk, T. (1998) "Obstacles faced by Agricultural Cooperative Bank in Syria" Research Journal of Aleppo University.
9. Razzouk, T. (1998) "Extension Communication Programmes in Collaboration with the Agricultural Extension Directorate in Syria". GCP/ SYR/ 003/ ITA, FAO Project Report.
10. Razzouk, T. (1998) "PRA in Extension: A special methodology designed for Bedouins in the Syrian Steppe". GCP/ SYR/ 003/ ITA, FAO Project Report.
11. Razzouk, T. (1998) "Standard of Living Ranking: Bedouins Household Typology in the Syrian Steppe. GCP/ SYR/ 003/ ITA, FAO Project Report.
12. Razzouk, T. (1998) "Socio- economic and cultural aspects of the Bedouins in The Syrian Steppe". GCP/ SYR/ 003/ ITA, FAO Project Report.
13. Razzouk, T. (1998) "Tailory training for Bedouin women in Arak and Munbateh cooperatives". GCP/ SYR/ 003/ ITA, FAO Project Report.
14. Razzouk, T. (1998) "Feed back on solar energy system in Al - Badia". GCP/ SYR/ 003/ ITA, FAO Project Report.
15. Razzouk, T. (1998) " A study of Camel Society in Talila: using PRA approach". GCP/ SYR/ 003/ ITA, FAO Project Report.
16. Razzouk, T. (1998) "The best time to broadcast Extension programmes for Bedouins through radio and television". GCP/ SYR/ 003/ ITA, FAO Project Report.
17. Razzouk, T. And Atwan, S. (1999) "Agricultural Cooperative Bank and Agricultural Development in Syria". Research Journal of Aleppo University.
18. Razzouk, T. and Seabrook, M. F. "Factors Influencing the Adoption Behaviour of Farmers- A study of Syrian wheat farmers without irrigation", (in press).
19. Razzouk, T. and Seabrook, M. F. "Key Factors Mostly Affecting the Adoption of Innovations by Syrian Farmers- Important issues for research and Extension", (in press).
20. Razzouk, T. and Seabrook, M. F. "The Farmers Self-Concept and the Adoption of Innovations- A study of Syrian wheat farmers without irrigation", (in press).
21. Seabrook, M. F. and Razzouk, T. "Indigenous Technical Knowledge and the Adoption Behaviour- A study of Syrian wheat farmers without irrigation", (in press).
22. Nordblom, T. L. and Razzouk, T. "Wheat Yield Varieties in N Syria", (in preparation).



23. Razzouk, T. and Farjani, N. (1999) " FEED BACK ON THE FORMULATION OF GRAZING COMMITTEES IN ARAK, MUNBATEH AND ABASSIA COOPERATIVES". GCP/ SYR/ 003/ ITA, FAO Project Report.
24. . Razzouk, T ; Mohammed, I. ; Al - Jani, K. ; Daas, F. ; Fargani, N. ; Al Jundi, A. and H. Khaddour (1999) "Bedouins reaction to graze in the rehabilitated areas of the GCP/ SYR/ 003/ ITA Project". GCP/ SYR/ 003/ ITA, FAO Project Report.
25. Al Jundi, A. ; Razzouk, T. And Mirreh, M. M. (1998) "Project experiences in participatory approach for range rehabilitation". Paper presented to the Workshop held in ACSAD- Damascus between 22 to 24 November 1998.
26. Razzouk, T. (1999) "Report on Agricultural Extension and community participation". GCP/ SYR/ 003/ ITA, FAO Project Report.
27. Razzouk, T. (1999) "From conventional methods to new ones for the identification of problems and needs of the target groups and the experience of the GCP/ SYR/ 003/ ITA Project Report in this respect". Paper presented in the training course number 881 organized by the Directorate of Steppe- MAAR.
28. Al Jani, K. ; Mohammad, I. And . Razzouk, T. (1999) " The socio – economic monitoring of Bedouins in Arak, Munbateh and Abbassia cooperatives". GCP/ SYR/ 003/ ITA, FAO Project Report.
29. Farjani, N. ; Daas, F. and Razzouk, T. (1999) " Report on tailoring training course for Bedouin girls in Arak and Munbateh cooperative". GCP/ SYR/ 003/ ITA, FAO Project Report.
30. Daas, F. and Razzouk, T. (1999) " The evaluation of the tailoring training course for Bedouin girls in Arak and Munbateh cooperative" GCP/ SYR/ 003/ ITA, FAO Project Report.
31. Al Jani, K. ; Mohammad, I. And . Razzouk, T. (2000) " The socio – economic monitoring of livestock herders in the cooperatives of Arak, Munbateh and Abbassia". GCP/ SYR/ 003/ ITA, FAO Project Report.
31. Al Jani, K. ; Mohammad, I. And . Razzouk, T. (2001) " The socio – economic monitoring of livestock herders in the cooperatives of Arak, Munbateh and Abbassia". Fifth year, GCP/ SYR/ 003/ ITA, FAO Project Report.
32. Al Jani, K. ; Farjani, N. And Razzouk, T. (2002) " The socio – economic monitoring of livestock herders in the cooperatives of Arak, Munbateh and Abbassia". Sixth year, GCP/ SYR/ 003/ ITA, FAO Project Report.
33. Al Jani, K. ; Daas, F. ; Farjani, N. And Razzouk, T. (2003) " The socio – economic monitoring of livestock herders in the cooperatives of Arak, Munbateh and Abbassia". Seventh year, GCP/ SYR/ 003/ ITA, FAO Project Report.
34. Razzouk, T. (2002) "The Role of the Environmental Education Centre of Talila Reserve", Paper presented in the regional workshop about "planning and developing eco- tourism in the Syrian Badia" Between 15- 17 December- 2002, Palmyra- Syria.

35. Al- Najem, A.; Razzouk, T.; Furjani, N. ; Da'as, F. ; Al Jani, K and Mohammad, I. (2003) "Evaluating Bedouin Facilitators performances" , GCP/ SYR/ 003/ ITA, FAO Project Report.
36. Al- Najem, A.; Razzouk, T.; Furjani, N. ; Da'as, F. ; Al Jani, K and Mohammad, I. (2003) "Eco- tourism in Talila" , GCP/ SYR/ 003/ ITA, FAO Project Report.
37. Al- Najem, A.; Razzouk, T.; Furjani, N. ; Da'as, F. ; Al Jani, K and Mohammad, I. (2003) "Field tested steps of participatory extension approach" , GCP/ SYR/ 003/ ITA, FAO Project Report.
38. Farjani, N. And Razzouk, T. (2003) "felt and Extension needs of Bedouins in the Syrian steppe", GCP/ SYR/ 003/ ITA, FAO project.
39. Heikkila, T, A. and Razzouk, T. (2004) "National Awareness Raising: Fire campaign in Syria", GCP/ SYR/ 010/ ITA project, consultancy report.
40. Heikkila, Timo A. and Razzouk, T. (2005) "National Awareness Raising: Fire Campaign in Syria". Consultancy report, February 2005, Lattakia- Syria. GCP/ SYR/ 010/ ITA project, consultancy report (Statement of Work), September, 2005 Lattakia- Syria.
41. Razzouk, T. (2005) "Community/ participatory Forestry and Forest management and National Awareness Raising (National Fire Campaign in Syria)", consultancy report (Statement of Work), GCP/ SYR/ 010/ ITA project, September, 2005 Lattakia- Syria.
42. Razzouk, T. (2006) "Technical Consultancy Report on Community/ Participatory Forestry and Forest Fire Management (Awareness Raising "national fire campaign)", GCP/ SYR/ 010/ ITA project, March, 2006 Lattakia- Syria.
43. Razzouk, T. (2008) "The status of natural resources in the Syrian Badia". Paper presented to the first Syrian German Conference held in Al-Ba'ath University, Homs- Syria between. 30. 04. – 01. 05. 2008.
44. Razzouk, T. (2008) "A study of the status of Agricultural Extension Units in Aleppo province". Paper presented to workshop on "Agricultural Extension and its Role in Agricultural Development". 22/ 05/ 2008. Al-Ba'ath University, Homs- Syria, (*Arabic*). (تطور واقع العمل لدى الوحدات الإرشادية في كل من المنطقة الشمالية و الوسطى من سورية).
45. Razzouk, T. & Al-Khalidy, A. (2008) "A Study of Camel Raisers in the Syrian Badia". Al-Ba'ath University Journal, Vol. 30, No. 11, 2008, (*Arabic*). (دراسة واقع مربّي الإبل في البادية السورية).
46. Al-Khalidy, A. & Razzouk, T. (2008) "A study of some Socio-Cultural and Technical Practices of Camel Raisers in the Syrian Steppe". Biological Science Series Tishreen University Journal, Vol. (30), No. (5) 2008, (*Arabic*). (دراسة بعض الخصائص الاجتماعية والثقافية والممارسات الفنية لمربي الإبل في البادية السورية).
47. Khalil, B.; Ali, J. and Razzouk, T. (2008) "The Situation of Small Project Enterprises in Homs Province". Al-Ba'ath University Journal, Vol., No. '692 12. October, 2008, (*Arabic*). (واقع المشروعات الصغيرة في محافظة حمص).
48. Razzouk, T. (2008) "Technical Report on Agricultural Extension and Communication", Mission one. Support of the Rural Institutions for the benefit of Small Scale Farmers in the Kingdom of Saudi Arabia (SRISF), *UTF/SAU/014/SAU*. Riyadh 17. 10 – 16. 11. 2008, KSA.International consultancy report.

49. Razzouk, T. (2009) " Technical Report on Extension Methodology", "First Mission". IMPROVEMENT OF AGRICULTURAL TRAINING CENTRES IN THE KINGDOM OF SAUDI ARABIA *UTF/SAU/027/SAU*. Riyadh 25. 03- 24. 04. 2009, KSA International consultancy report.
50. Razzouk, T. (2009) "The Effect of Personal Factors on the Adoption of Innovations Related to Barley Crop". Al-Ba'ath University Journal, Vol. 30, No. .... May, 2009, (*Arabic*). (أثر العامل الشخصي في تبني الابتكارات المتعلقة بمحصول الشعير).
51. Gawy, F.; Khiat, S. and Razzouk, T. (2009) "Extension Needs and some Personal and Communicational Characteristics of Sugar Beet Farmers in Homs Province". Al-Ba'ath University Journal, Vol., No. .... November, 2009, (*Arabic*). (العلاقة بين الاحتياجات الإرشادية وبعض السمات الشخصية وجوانب الاتصال لمزارعي الشوندر السكري في محافظة حمص).
52. Al-Khalidy, A. & Razzouk, T. (2009) "Status Quo of Agricultural Extension Workers in the Extension Units at Latakia Province". Al-Ba'ath University Journal, Vol. 3, No. ...., December 2009, (*Arabic*). (واقع المرشدين الزراعيين بالوحدات الإرشادية في محافظة اللاذقية).
53. Osman, T.; Razzouk, T. and Nanneh, B. (2009) "The Relation between Extension for Sugar Beat Farmers and Some of their Personal and Cultural Characteristics in Raqqa Province". Research Journal of Aleppo University- Agricultural Science Series, No. 74. April, 2010, (*Arabic*). (العلاقة بين الاحتياجات الإرشادية لمزارعي الشوندر السكري وبعض خصائصهم الشخصية والثقافية في محافظة الرقة).
54. Gannoum, K.; Razzouk, T. and Ali, J. (2009) "Some of Social and Geographical Factors Affecting the Adoption of New Irrigation Methods in Asi Basin". Al-Ba'ath University Journal, Vol. ...., No. 2011 , 26. 11. 2009, (*Arabic*). (بعض العوامل الاجتماعية والجغرافية المؤثرة على تبني تقانات الري الحديثة في حوض العاصي).
55. Serra, G.; Mirreh, M.; Kaddour, H.; Razzouk, T.; Al Jundi, A.; Kanani, A.; Batello, C.; and Williamson, D. (2009). "ASSESSMENT AND CHARACTERIZATION OF AL TALILA RESERVE AND SURROUNDING PALMYREAN DESERT". Food and Agriculture Organization of United Nations (FAO), Italian Development Cooperation (DGCS), Syrian General Commission for Badia Management and Development and Syrian Ministry of Agriculture and Agrarian Reform (MAAR).
56. Razzouk, T.; Shdied, K. and Badr, A. (2010) "A Study of Some Factors Affecting the Adoption of New Techniques of Irrigation in the System of Wheat Production". Research Journal of Aleppo University- Agricultural Science Series, No. 81. April, 2010, (*Arabic*). (دراسة بعض العوامل المؤثرة في تبني تقنيات الري الحديث في إنتاج القمح).
57. Razzouk, T.; Shdied, K. and Badr, A. (2010) "Some Standard Models to Assess Demand on Water for Irrigation under Multi System Production in Syria ". Research Journal of Aleppo University- Agricultural Science Series, No. 83. April, 2010, (*Arabic*). (بعض النماذج القياسية لتقدير دوال الطلب على مياه الري تحت نظام الإنتاج المتعدد في سورية).
58. Razzouk, T.; Shdied, K. and Badr, A. (2010) "A study of the Impact of Some Factors on Wheat Production Efficiency and the efficiency of Using Water for Irrigation in Syria ". Egyptian Journal of Agricultural Economics, Vol. 20, Series, No. 2. June, 2010, (*Arabic*). (دراسة تأثير بعض العوامل في الكفاءة الانتاجية للقمح وكفاءة استخدام مياه الري في سورية).

59. Na'ame, D.; Razzouk, T. and Ali, J. (2010) "A Study and Analysis of Social Factors of Camel Raisers in the Syrian Badia". Al-Ba'ath University Journal, Vol. ...., No. ...., 15. 07. 2010, (*Arabic*). (دراسة وتحليل العوامل الاجتماعية لمربي الإبل في البادية السورية).
60. Razzouk, T. (2010) "Farmers' cultural aspects and their adoption behaviour of agricultural innovations and improved practices". Al-Ba'ath University Journal, Vol. 32, No. .... May, 2009, (*Arabic*). (المظاهر الثقافية للمزارعين وسلوك تبنيهم للمبتكرات والممارسات المحسنة).
61. Razzouk, T. (2010) "Technical Consultancy Report on **Participatory Rural Appraisal "Socio-economic indicators"**, Land Resources Use and Planning, TCP/ SYR/ 3102 Project, Damascus March 2010.
62. Razzouk, T. (2010) "Technical Consultancy Report on **Community Based Forest Fire Management**", GCP/ SYR/ 012/ ITA project, April 2010, Lattakia- Syria.
63. Razzouk, T. (2010) "Technical Consultancy Report on **Community Based Forest Fire Management**", GCP/ SYR/ 012/ ITA project, November 2010, Lattakia- Syria.
64. Razzouk, T. (2010) "Technical Consultancy Report on Research and Extension", **FAO-UNDP- UNIDO- INTEGRATED DEVELOPMENT PROGRAMME FOR AL-GHAB REGON, (AGROPOLIS), December, 2010- Damascus.**
65. Merai, R.; Razzouk, T. & Al-Khalidy, A. (2011) "A study of the relationship between socio cultural traits of farmers and their adoption behaviour of olives techniques ". Al-Ba'ath University Journal, Vol. ...., No. ...., 2011, (*Arabic*). (دراسة العلاقة بين السمات الشخصية والثقافية للمزارعين ومعدل تبنيهم لتقنيات زراعة الزيتون).
66. Al- Shafea, E.; Razzouk, T.; and Khiaty, M. (2011) "An Evaluation Study of Agricultural Extension Systems in Arab World". Arab League, Arab Organization for Agricultural Development. Cairo- 7- 16 Ugust, 2011-(*Arabic*). (دراسة تقييم أجهزة الإرشاد الزراعي في الوطن العربي).
67. Badr, A.; Razzouk, T.; and Shdied, K. (2012) " A Study of Technical Efficiency for Cotton Crop and Water Use Efficiency in Aleppo Province". " Al-Ba'ath University Journal, Vol. 34, No. ...., 2012, (*Arabic*). (دراسة الكفاءة الإنتاجية لمحصول القطن وكفاءة استخدام المياه في محافظة حلب).
68. Razzouk, T. & Farhoud, A. (2012) "Socio-economic dimensions of water management in the Orontes basin". Technical consultancy report and paper presented to the Workshop on "Irrigation Water Management in the Assi River Watershed of the Bekaa Valley: Challenges and Perspectives". Lebanese Agricultural Research Institute, Tal Amara, Bekaa, Zahle, 28- 30 November, 2012. Graduate Institute of International and Development Studies, Geneva, SWISS.
69. Razzouk, T. (2013) "THE IMPACT OF CURRENT CRISIS ON SOCIO-ECONOMIC CONDITIONS OF FARMERS IN THE ORONTES BASIN". Technical consultancy report and paper presented to the Conference on Water Management in the Orontes Basin organized by the Graduate Institute (Geneva, SWISS) and the Lebanese Agricultural Research Institute, Beirut, 10- 14 June 2013.
70. Razzouk, T. and Masha'al, H. (2014) "The potential of local collective water management system in the Orontes basin". Technical consultancy report prepared for the Graduate Institute (Geneva, SWISS), January, 2014.

71. Ibrahiem, S.,; Razzouk, T. and Al-Khalidy, A. (2014) " A study of the Relationship between Social Aspects of Bedouins in Palmyra and their Adoption Behaviour for Improved Practices Related to Sheep Raising" " Al-Ba'ath University Journal, Vol. 36, No. 402, 24. 03. 20014, (*Arabic*). (دراسة علاقة الصفات الاجتماعية للبدو في بادية تدمر وسلوك تبنيهم للممارسات المحسنة المتعلقة بتربية الأغنام).

72. Mahmoud, L. and Razzouk, T. (2014) " The Influence of some Cultural Aspects on the Adoption Behaviour of Farmers for Improved Practice and Innovations of Almond Tree in Homs Province", Al-Ba'ath University Journal, Vol. 36, No. 433, 30. 03. 20014, (*Arabic*). (تأثير المظاهر الثقافية السلبية في تبني المزارعين لبعض الممارسات الزراعية المحسنة والمبتكرات المتعلقة بشجرة اللوز في).

### **VIII. Conferences and workshops**

1. The First National Conference For Agricultural Information And Documentation, 4- 6 November 1995, Ministry of Agriculture and Agrarian Reform, Damascus, Syria.

2. The Fourth Arab Management Conference, 16-18 July 1996, Management Centre, The University of Bradford, England, UK.

3. The Management Development in the Agricultural Sector in Arab Countries- 24- 26 June 1997, Bradford University, Bradford, UK.

4. First Workshop on Participatory Rural Appraisal (PRA); introduction, techniques and participatory field work, 9- 15 April 1997, ". GCP/ SYR/ 003/ ITA Project, Palmyra- Syria .

5. Second Workshop on Participatory Rural Appraisal (PRA); tools, techniques and participatory field work, 20- 25 September 1997, ". GCP/ SYR/ 003/ ITA Project, Palmyra- Syria .

6. Third Workshop on Participatory Rural Appraisal (PRA);, group formation and maintenance, communications and leadership, and conflict resolution, 26 – 29 September 1999, ". GCP/ SYR/ 003/ ITA Project, Palmyra- Syria .

7. Fourth workshop on Participatory Rural Appraisal (PRA); "conflict resolution" 2000, GCP/ SYR/ 003/ ITA Project, Palmyra- Syria.

8. Regional workshop about "planning and developing eco- tourism in the Syrian Badia" Between 15- 17 December- 2002, Palmyra- Syria.

9. Workshop on "communication for development in the near east",12-14/6/ 2006 Cairo- Egypt.

10. Workshop on "Friendly Environment Agriculture: organic farming". 30. 04. – 01. 05. 2008. The first Syrian German Conference held in Al-Ba'ath University, Homs- Syria.

11. Workshop on "Agricultural Extension and its Role in Agricultural Development". 22/ 05/ 2008. Al-Ba'ath University, Homs- Syria.

12. Workshop on "Management of Natural Resources and Their Development". 26/ 05/ 2009. Al-Ba'ath University, Homs- Syria.

13. Workshop on "Irrigation Water Management in the Assi River Watershed of the Bekaa Valley: Challenges and Perspectives". Lebanese Agricultural Research Institute, Tal Amara, Bekaa, Zahle, 28- 30 November, 2012.