

NAME AND RANK

Salma Nashabe Talhouk, Professor of Landscape Horticulture

FACULTY AND DEPARTMENT

Faculty of Agricultural and Food Sciences (FAFS), Department of Landscape Design and Ecosystem Management (LDEM)

SUMMARY

My focus is on advancing community stewardship of natural resources, exploring digital technologies for nature conservation, and shedding light on cultural ecosystem services. I have received more than 4.5 M USD in funding, I always seek to engage in collaborative research. My research interests evolve with priorities and opportunities; today, my focus is on integrating nature in cities (urban ecology and green roofs and green walls) and promoting harmony with nature (qualitative research). I have published over 50 peer-reviewed articles, supervised / co-supervised 70 graduate students, and taught 15 different courses.

I have worked extensively with communities, collaborated with 70 villages, 545 volunteer village residents, organized 304 local mapping workshops, and 4 public map exhibits, and produced 60 local best practices documentaries (youtube-Lebanon green initiatives). I drafted an MOU with the Ministry of Tourism for data sharing in support of the national rural tourism strategy. I am leading the development of digital tools: Daskara App (nature and culture phone application), which will serve as a repository of information and guide on nature and culture in Lebanon. Daskara features georeferenced data on nature encounters, eco-solutions, cultural experiences, food and lodging, recreation and sports, and local services, in addition to a village page. I am also leading the development of Mashroo3, a crowdfunding platform to fund local nature and culture-based social initiatives and microenterprises in support of long-term growth by matching local efforts with interested donors through a transparent process administered by AUB.

I also worked with 400 teachers 175 public schools 1200 school students and developed 33 activities revolving around 6 themes; reforestation, nature care, environmental actions sustainable living, crafts and traditions, and art and nature in a manual which was adopted by the ministry of education and higher education. I published a book on the trees of Lebanon and a manual on forest tree nurseries management. I wrote a children's Arabic alphabet nature book and translated Dr. Seuss's Lorax into Arabic.

I have contributed to the growth of the University by establishing the AUB Nature Conservation Center (founding director), by changing the undergraduate program to be aligned with the American Society for Landscape Architects (LDEM chairperson), by launching FAFS branding slogan 'healthy earth - healthy food - healthy people' (FAFS Associate Dean), and by transforming AUB campus in to a botanic garden (founder and chair of the AUBotanic).

I am a member of the Ecosystem Services Partnership steering committee, and the IUCN Arabian Plant specialist group.

ACADEMIC POSITIONS

Darwin Fellow- Royal Botanic Gardens, Edinburg, May 2019, Research project: Elaboration of a novel approach that builds on local knowledge and engages communities in local planning. By developing an action plan and framework and to move forward with the concept of Ancillary Botanic Gardens, the fellowship will open opportunities for grassroots involvement in plant conservation and plant valuation.

Visiting Scholar, Fall 2018, Research project: Exploring links between nature and culture by defining nature and natural resources as objects of cultural concern providing nonmaterial services, such as recreation, aesthetic experiences, and spiritual and social enrichment. Georgetown University, Center for Contemporary Arab Studies (CCAS)

Tenured Professor of Landscape Horticulture, Summer 2018, American University of Beirut

Professor of Landscape Horticulture, 2005- 2018, American University of Beirut

Associate Professor of Landscape Horticulture, 1999- 2005, American University of Beirut

Assistant Professor of Landscape Horticulture, 1992-1999, American University of Beirut

Visiting scientist, Aug. 1996, Research: Investigating the genetic variation of *Cedrus libani* using molecular markers, Forest Biotechnology Group, North Carolina State University

Post-Doctoral Research Scientist, 1991-1992, Research Project: Molecular mapping of male sterile genes in tomato, Plant Gene Expression Center, USDA – Albany, California

Post-Doctoral Research Scientist, 1989 – 1991, Research Project: Involvement of Actin in the replication of *Autographa californica* M Polyhedrosis virus, Dept. of Entomology and Parasitology, Univ. of California, Berkeley

Graduate Research Associate, 1984 – 1988, Dept of Horticulture/Entomology, Ohio State University

ADMINISTRATIVE POSITIONS

Founding Chairperson, AUB Arboretum and Botanic Garden (AUBotanic) 2014 - present

Associate Dean, Faculty of Agricultural and Food Sciences (FAFS) AUB, 2014-2015

Chairperson, Department of Landscape Design and Eco-system Management (LDEM) AUB, 2008- 2014

Acting Dean, FAFS, during FAFS Dean travels and leaves (2008-2015)

Founding Director, IBSAR now AUB NCC (Initiative for Biodiversity Studies in Arid Regions, now AUB Nature conservation center), 2003-2010

President, 'Al-Majmoua' - a local Non-Governmental Association, partner with SCF (Save the Children Foundation, USA), the organization offers micro-finance services to men and women entrepreneurs. 2000 – 2005, www.almajmoua.org

PROFESSIONAL POSITIONS

2020

Member - ESP (ecosystem services partnership) steering committee

Member - IUCN Arabian plant specialist group

Co-editor - Al-jadalya environment

Associate editor - Euro-Mediterranean Journal for Environmental Integration

2019

ESP PARTNERSHIP – CHAIR OF ECOTOURISM WORKING GROUP

ACADEMIC BACKGROUND

Doctor of Philosophy in Horticulture, 1988, Field of study : Landscape Horticulture, Ohio State University, Honors: Phi Beta Delta - Honor Society for International Scholars, Gamma Sigma Delta - Honor Society of Agriculture

Bachelor of Sciences in Agriculture and Diploma of Ingenieur Agricole, 1983, American University of Beirut, Honors: Dean's Honor List

COURSES TAUGHT

Current courses:

Undergraduate required courses: Botany and plant ecology for landscape architects, landscape management

Graduate course: Urban greening.

GE social science elective: Healing Gardens: Theoretical Perspectives and Applications.

Past courses:

Characterization of plant Genetic resources, Survey and collection of Plant Genetic Resources, Ornamental plants for Dry Landscape, Ecological Landscape Design and Planning, Selection and Management of Ornamental Herbaceous and woody plants, Plant Propagation, General Horticulture, Landscape Horticulture, Subtropical Fruit Production, Introduction to Floriculture, Final Year Project: landscape design, Landscape Seminar, Landscape Design I, Final Year Project: Landscape Implementation and Management, landscape horticulture.

FUNDRAISING

Year	Funding description	Amount in USD
2019-2020	PI. Leveraging an Integrated Network: Bettering Conservation and Management of Rare Plants in and around Culturally Protected Sites (LINK) , (Birdlife International)	19,908
2019-2021	PI. Edu-BioMed Capacity Building for Education and Applied Research in Mediterranean UNESCO's Biosphere Reserves (EU)	111,666
2017-2019	PI. Development of digital platform for community driven documentation of natural and cultural landmarks in Lebanon. (Diane Foundation)	389,360
2016-2017	PI. Conserving Wild Plants and Habitats for People in the South and East Mediterranean. (INTL UNION FOR CONSERVATION OF NATURE (IUCN))	74,970
2016-2017	PI. Seed Germination Protocols and National Nursery Book Development. (Lebanon Reforestation Initiative (LRI))	34,500
2015-2016	PI. Improving the Nutrition of Syrian Refugees and Host Communities through Garden Walls. (FAO)	42,024
2015-2017	Co-PI. Catalysing Open and Collaborative Science to Address Global Development Challenges (OCSdnet) iHUB LIMITEDDr. Najat A. Saliba (PI) (IDRC)	60,188
2015-2016	PI. Community based tourism Fall TOURISM Festival (USAID)	30,552

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2013-2016	PI. Developing a chemical system for screening and fingerprinting closely related plant species (National Council for Scientific research (CNRS).	18,567
2015	PI. Biodiversity Village Awards in Lebanon 2015 (Coca Cola Foundation)	150,000
2014-2015	PI. Biodiversity village award 2015: Participatory mapping (Coca Cola Foundation)	150,000
2014-2015	PI. Nature conversation: Developing school guide for extra-curricular nature-related activities – Phase 2 (Coca Cola Foundation)	79,000
2014-2015	PI. Developing an Integrated Approach for Assessment and Utilization of Biomass for Improving the Sustainability of a City: Vermicomposting as a community based initiative: a Lebanese case study (UC DAVIS).	20,104
2013-2014	CoPI. Landscape Atlas for Lebanon. G. Trovato PI. (URB grant)	9,800
2013-2014	PI. Biodiversity Village Awards in Lebanon 2013 (Coca Cola Foundation)	140,000
2012-2013	PI. Biodiversity village award 2012: Participatory mapping (Coca Cola Foundation)	85,000
2012-2013	PI. Nature conversation: Developing school guide for extra-curricular nature-related activities (Coca Cola Foundation)	161,038
2012-2013	Co-PI. Biodiversity Conservation Program: Understanding the understanding of biodiversity conservation in Arab culture. Lina Shweiri PI. (Scholl Foundation)	10,000
2011-2012	PI. Nursery Improvement Plan for forest Seedlings (Lebanon Reforestation Initiative)	25,000
2010-2011	PI. Nature conversation. (Coca Cola Foundation,	68,000
2010-2011	PI. Identification des Zones et Habitats Importants pour les Plantes en Afrique du Nord et Moyen-Orient (IUCN)	5,069
2011	PI. Biodiversity village award 2011 (Coca Cola Foundation)	75,000
2009-2013	PI in Lebanon - University of Ottawa – Food and Health in Rural Lebanon: Options to Improve Dietary Diversity, Food Security, Livelihoods and Ecosystem Management (IDRC – Ecohealth program)	247,848
2007-2011	PI. Seeds of hope trees for tomorrow, a participatory ex situ conservation approach (Individuals and institutions)	97,000
2004-2005	PI. Bioprospecting in the Middle East (Unisantis)	1,198,680
2004-2005	PI. A Holistic Landscape Approach to Biodiversity Use in Lebanon: Partnering with landowners (Private landowner)	73,204
2001-2004	PI. Generation of New plant-derived commercial products from indigenous Lebanese plants or other ecologically appropriate ones (Mercy Corps)	1,200,000
2003-2004	Co-PI. Extraction and Characterization of Essential oil: A rejuvenated approach for Agricultural, Economical, and Industrial growth in Lebanon (LNCSR)	4,700
2001-2003	PI in Lebanon (regional partnership): Integrating regional expertise in Biotechnology for sustainable exploitation of plant genetic resources in the Mediterranean region (EU-DGI/CIHEAM)	20,000
2002	PI. The INDEVCO/AUB apple project (INDEVCO)	56,500

1999-2002	PI. Lebanon (international partnership): Darwin project in Coastal vegetation survey and conservation for Lebanon (Darwin Initiative)	99,700
1997-2002	PI. Lebanon. Biodiversity audit, propagation and sustainable exploitation of cedars (<i>Cedrus spp.</i>) in the Mediterranean region (EU – INCO)	119,567
1999-2000	PI. Workplan for the Genetic Diversity Analysis of <i>Ceratonia siliqua</i> in Lebanon. (International Plant Genetic Resource Institute)	6,000
1999-2000	PI. Propagation and cultivation of native plant species with ornamental potentials (URB)	4,500
1997-2000	PI. Somatic embryogenesis of <i>Cedrus libani</i> (International Foundation for Science)	10,900
1997-1999	PI. Survey, collection and characterization of almond and pistachio germplasm in Lebanon (International Plant genetic Resources Institute)	22,000
1997-1998	PI. Characterization of grape germplasm in Lebanon (University research Board)	5,600
1997-1998	PI. Characterization and conservation of fruit trees genetic resources of Lebanon (Leb National Council for Scientific)	3,700

PUBLICATIONS IN REFEREED INTERNATIONAL JOURNALS (* CORRESPONDING AUTHOR)

- 2020 Salman M.M., S. Kharroubi, M. Itani, and S.N. **Talhouk***. Using IUCN protected areas management categories as a tool to assess youth preferences for local management of an Important Plant Area (IPA) in Lebanon. Land Use Policy 99 (2020) 105035. <https://doi.org/10.1016/j.landusepol.2020.105035>
- 2020 Itani M, Al Zein M, Nasralla N, **Talhouk SN***. (2020) Biodiversity conservation in cities: Defining habitat analogues for plant species of conservation interest. PLoS ONE 15(6): e0220355. <https://doi.org/10.1371/journal.pone.0220355>
- 2020 Chammas, G., S. Kayed, A. Al Shami, W. Kays, M. Citton, M. Kalot, E. Al Marj, M. Fakhr, N. A. Yehya, **S. N. Talhouk**, M. Al-Hindi, S. Zein-El-Dine, H. Tamim, I. Lakkis, M. Abou Najm, N. A. Saliba. 2020. Transdisciplinary interventions for environmental sustainability. Waste Management 107:159–171. <https://doi.org/10.1016/j.wasman.2020.03.043>
- 2019 Baalbaki, R. Ahmad, S. H., Kays, W., **Talhouk, S.N.**, Saliba, N. A., Al-Hindi, M. 2019. Citizen science in Lebanon – a case study for ground water quality monitoring. R. Soc. open sci. 6: 181871. <http://dx.doi.org/10.1098/rsos.181871>
- 2017 Sarkissian, A. J., R. M. Brook, **S. N. Talhouk**, N. J. Hockley. 2017. Asset-building payments for ecosystem services: assessing landowner perceptions of reforestation incentives in Lebanon. Forest Systems. Vol 26, No 2. DOI: 10.5424/fs/2017262-10325
- 2017 Mattouk, M., **S.N. Talhouk***. 2017. *A content analysis of nature photographs taken by Lebanese rural youth*. PLoS ONE 12(5): e0177079. <https://doi.org/10.1371/journal.pone.0177079>
- 2017 Hammad, EA, M Akkary, N Saliba, M Farran, and **S Talhouk**. 2017. *Bioactivity of Indigenous Medicinal Plants against the Two-Spotted Spider Mite, Tetranychus urticae*. Journal of Agricultural Science 9 (7), 123
- 2016 Moledor, S., Chalak, A., Fabian, M., and **S.N. Talhouk***. 2016. *Socioeconomic dynamics of vermicomposting systems in Lebanon*. Journal of Agriculture, Food Systems, and Community Development. <http://dx.doi.org/10.5304/jafscd.2016.064.007>
- 2015 Marouf, M, M. Batal, S. Moledor, and **S. N. Talhouk***. 2015. *Exploring prospects of the*

- traditional practice of wild plant collection in Lebanon.** Food, Culture and Society. 18:3:355-378. <http://dx.doi.org/10.1080/15528014.2015.1043103>
- 2015 Naja, F., M. Alameddine, L. Itani, H. Shoaib, D. Hariri, and **S. N. Talhouk**. 2015. **The Use of Complementary and Alternative Medicine among Lebanese Adults: Results from a National Survey.** Evidence-Based Complementary and Alternative Medicine. Volume 2015, Article ID 682397, 9 pages. <http://dx.doi.org/10.1155/2015/682397>
- 2014 **Talhouk, S. N.***, Y. Abunnasr, M. Hall, T. Miller, and A.Seif. 2014. **Ancillary botanic gardens in Lebanon – Empowering local contributions to plant conservation.** SIBBALDIA: The Journal of Botanic Garden Horticulture (12) 111-129.
- 2014 Abou-Fakhr Hammad, E., A. Zeaiter, N. Saliba, and **S.N. Talhouk**. 2014. **Bioactivity of indigenous medicinal plants against the cotton whitefly, Bemisia tabaci .** Journal of Insect Science. 14 (105). Available online: <http://www.insectscience.org/14/105>
- 2014 Francis, F., **Talhouk, S.N.**, Batal, M. and A. Olabi. 2014. **Sensory and quality parameters of raw and processed Chicory-Hindbeh, a commonly consumed dark leafy green in Lebanon (Cichorium intybus L.) during frozen storage.** LWT-Food Science and Technology 58: 230-238.
- 2012 Abboud M., J. Makhzoumi, C. Clubbe, R. Zurayk, S. Jury, and **S. N. Talhouk***. 2012. **Riparian habitat assessment tool for Lebanese rivers (RiHAT): case study Ibrahim River.** BioRisk 7 (2012): 99-116.
- 2012 Saikali, M., A. Ghantous, R. Halawi, **S. N. Talhouk**, N. A. Saliba and N. Darwiche. 2012. **Sesquiterpene lactones isolated from indigenous Middle Eastern plants inhibit tumor promoter-induced transformation of JB6 cells.** BMC Complementary and Alternative Medicine. 12(1):89. <http://www.biomedcentral.com/1472-6882/12/89>.
- 2012 Machaka-Houri, N., M. S.Al-Zein, D.B. Westbury, and **S.N.Talhouk***. 2012. **Reproductive success of the rare endemic Orchis galilaea (Orchidaceae) in Lebanon.** Turk J Bot. 36.doi:10.3906/bot-1104-4
- 2010 Atallah, S., I. El Saliby, R. Baalbaki, and **S. N. Talhouk***. 2010. **Effects of different irrigation, drying and production scenarios on the productivity, postharvest quality and economic feasibility of Origanum syriacum, a species typically over-collected from the wild in Lebanon.** J Sci Food Agric. (wileyonlinelibrary.com) DOI 10.1002/jsfa.4191.
- 2009 Jeambey, Z., T. Johns, **S. N. Talhouk**, and M.Batal. 2009. **Perceived health and medicinal properties of six species of wild edible plants in north-east Lebanon.** Public Health Nutrition, Vol.12, No.10: 1902-1911.
- 2009 Talhouk, R.S., M. Esseili, M., J. Kogan, J. M. Atallah, M., **S. N. Talhouk**, and Homaidan F.R. 2009. **Inhibition of Endotoxin-Induced Pro-Inflammatory Markers by Water Extracts of Onopordum cynarocephalum and Achillea damascene.** Journal of Medicinal Plants Research 3:9:686-698.
- 2009 Saliba, N.A., S. Dakdouki, F. Homeidan, J. Kogan, K. Bouhadir, **S. N. Talhouk**, and Talhouk, R. (2009) **Bio-guided fractionation, Isolation & structure identification of an anti-inflammatory guaianolids from Centaurea ainetensis.** Pharmaceutical Biology 47:701-707.
- 2009 Chamoun R., R.Baalbaki, P. Kalaitzis, and **S. N. Talhouk***. 2009. **Molecular characterization of Lebanese olive germplasm.** Tree Genetics and Genomes. 5(1): 109
- 2008 Talhouk, R.S., El-Jouni, W., Kogan, J. Baalbaki, R., Mohtaseb, H., **Talhouk, S.N.**, and Barbour, E.K. (2008). **Anti-inflammatory bio-activities in water extract of Centaurea ainetensis.** Journal of Medicinal Plants Research 2:024-033.
- 2008 **Talhouk*, S.N.** and G. Nehmeh. 2008. **Following pistachio footprints in Lebanon. In: Following pistachio footprints (Pistacia vera L.), cultivation and culture, folklore**

- and history, traditions and uses.** Eds: Avanzato D. and I. Vassallo. Scripta Horticulturae (ISHS). 7: 66-71.
- 2008 Saad, L., **S.N.Talhouk**, and G. Mahy. 2008. ***Decline of endemic Oncocyclus irises (Iridaceae) of Lebanon: survey and conservation needs.*** Oryx.42(4):1-6.
- 2008 Zahreddine, H.G., D.K.Struve, and **S. N. Talhouk**. 2008. ***Growth and nutrient partitioning of containerized Malus trilobata Schneid. and Acer syriacum Boiss. And Gaill. under two fertigation regimes.*** HortScience. 43(6):1756-1752.
- 2008 Sattout, E. J., P. D. S. Caligari, and **S.N.Talhouk**. 2008. ***Perspectives for sustainable management of cedar forests in Lebanon: situation analysis and guidelines.*** [Environment, Development and Sustainability](#). Volume 10, Number 1: 107-127
- 2008 Stephan, J., H. Sinoquet, N. Dones, N. Haddad, **S.N. Talhouk**, and P.E. Lauri. 2008. ***Light interception and partitioning between shoots in apple cultivars influenced by training.*** Tree physiology. 28 (3):331-342
- 2007 El-Najjar N, Saliba N, **Talhouk S** and Gali-Muhtasib H. 2007. ***Induction of apoptosis and protection against 1,2-dimethylhydrazine induced colon cancer by the extract of Onopordum cynarocephalum,*** Oncology Reports, *Oncology Reports*, 17(6): 1517-23.
- 2007 Stephan, J., P. Lauri, N. Dones, N. Haddad, **S.N. Talhouk** and H. Sinoquet. 2007. ***Architecture of the Pruned Tree: Impact of Contrasted Pruning Procedures Over 2 Years on Shoot Demography and Spatial Distribution of Leaf Area in Apple (Malus domestica).*** Annals of Botany: 1–11.
- 2007 Zahreddine, H.G., D.K. Struve, and **S.N. Talhouk**. 2007. ***Cercis siliquastrum L., Malus trilobata Schneid and Acer syriacum Boin and Gaill water use as affected by two fertilizer rates.*** Scientia Horticulturae. 112: 99-107.
- 2007 Zahreddine, H.G., D.K. Struve, and **S.N. Talhouk**. 2007. ***Growth and nutrient partitioning of containerized Cercis siliquastrum L. under two fertilization regimes.*** Scientia Horticulturae. 112:80-88.
- 2007 Sattout, E.J., **S.N. Talhouk** and P.D.S. Caligari. 2007. ***Economic value of cedar relics in Lebanon: An application of contingent valuation method for conservation.*** Ecological Economics. 61(2-3):315-322
- 2006 Ghosn, M. W., Najat A. Saliba, **S. N. Talhouk**. 2006. ***Chemical Composition of the Needle-Twig Oils of Pinus brutia Ten.*** Journal of essential oil research. 18 (445)
- 2005 Barbour, E.K., Sheib, H., Sagherian, V., Talhouk, R. and **Talhouk, S.** 2005. ***Immunopotential activities of Calendula officinalis and Centaurea aintensis against IBD (Gumboro) virus in chicken broilers.*** Journal of the American Holistic Veterinary Association, 23(4): 15-20.
- 2005 Barbour, E.K., Shaib, H., Jaber, L. and **Talhouk, S.** 2005. ***Standardization and evaluation of RAPD-PCR in subspecies-typing of Mycoplasma gallisepticum.*** International Journal of Applied Research in Veterinary Medicine, 3(2): 138-149.
- 2005 Owen C., Bitar E., Banilas G., Hajjar S., Sellianakis V., Aksoy U., Hepaksoy S., Chamoun R., **Talhouk S. N.**, Metzidakis I., Hatzopoulos P., Kalaitzis P. 2005. ***AFLP reveals structural details of genetic diversity within cultivated olive germplasm from the Eastern Mediterranean.*** Theoretical and Applied Genetics 110:1169-1176
- 2005 **Talhouk, S. N.***, P. Van Breugel, R. Zurayk, A. Al-Khatib, J. Estephan, A. Ghalayini, N. Debian, and D. Lychaa. 2005. ***Status and prospects for the conservation of remnant semi-natural carob Ceratonia siliqua L. populations in Lebanon.*** Forest Ecology and Management 206: 49-59
- 2004 Barbour, E.K., Al Sharif, M., Sagherian, V.K., Habre, A.N., Talhouk, R.S., and **Talhouk, S.** 2004. ***Screening of selected indigenous plants of Lebanon for antimicrobial activity.*** Journal of Ethnopharmacology (Netherlands), 93:1-7.
- 2004 Barbour, E.K., Sagherian, V., Talhouk, R., **Talhouk, S.** 2004. ***Cell-immunomodulation***

- against Salmonella Enteritidis in herbal extracts-treated broilers.** Journal of Applied Research in Veterinary Medicine, 2 (1):1-9.
- 2004 Barbour, E.K., Sagherian, V., **Talhouk, S.**, Talhouk, R., Farran, M.T., Sleiman, F.T., and Harakeh, S. 2004. **Evaluation of homeopathy in broiler chickens exposed to live viral vaccines and administered Calendula officinalis extract**, Medical Science Monitor journal (USA), 10(8):281-285.
- 2004 **Talhouk S. N. ***, M. Dardas, M. dagher, C. Clubbe, S. Jury, R. Zurayk and M. Maunder. 2004. **Patterns of floristic diversity in semi natural coastal vegetation of Lebanon and implications for conservation.** Biodiversity and Conservation Issue: Volume 14, Number 4 Pages: 903 - 915
- 2004 Zahreddine H., C. Clubbe, R. Baalbaki, A. Ghalayini, and **S.N. Talhouk***. 2004. **Status of native species in threatened mediterranean habitats: The case of Pancratium maritimum L.** (sea daffodil) in Lebanon. Biological Conservation, 120/1 pp. 11-18.
- 2003 Barbour, E.K., Sagherian, V., **Talhouk, S.**, Talhouk, R., Farran, M.T., Sleiman, F.T., and Sabra, R. 2003. **Impact of Melissa officinalis extract administration in broilers on immune responses to viruses and performance.** Journal of the American Holistic Veterinary Medical Association, 21:15-18
- 2003 **Talhouk, S. N.***, N. Sinno Saoud, and S. L. Jury. 2003. **Work on the Post Herbarium at the American University of Beirut.** Bocconeia. 16 (1) 289-291.
- 2001 Abou-Fakhr Hammad, E.M., H. Zournajian, and **S.Talhouk**. 2001. **Efficacy of extracts of Melia azedarach L. callus, leaves and fruits against adults of the sweetpotato whitefly Bemisia tabaci (Hom. Aleyrodidae).** Journal of Applied Entomology Vol. 125: 1-6.
- 2001 **Talhouk, S. N. ***, R. Zuryak, and S. Khuri. 2001. **Conservation of the Lebanese Coniferous Forests: Past, Present and Future Prospects.** Oryx. 35 (3): 206-215.
- 2001 Zurayk R., F. el-Awar, S.K. Hamadeh, **S. Talhouk**, C. Sayegh, A. Chehab, and K. al-Shab. 2001. **Using indigenous knowledge in land use investigations: a participatory study in a semi-arid mountainous region of Lebanon.** Agriculture, Ecosystems and Environment. 86 (3): 247-262.
- 2001 Zurayk, R., N. Khoury, **S. Talhouk** and R. Baalbaki. 2001. **Salinity-heavy metal interactions in four salt-tolerant plant species.** Journal of Plant Nutrition. 24(11)1773-1786.
- 2000 Khuri, S., M. Shmoury, R. Baalbaki, M. Maunder, and **S.N. Talhouk***. 2000. **Conservation of the Cedrus libani populations in Lebanon: History, current status and experimental application of somatic embryogenesis.** Biodiversity and Conservation: 9(9): 1261-1273.
- 2000 **Talhouk, S.N. ***, R.T. Lubani, R. Baalbaki, R. Zurayk, A. Al-Khatib, L. Parmaksizian, and A. A.Jaradat. 2000. **Phenotypic Diversity and Morphological Characterization of Amygdalus spp. in Lebanon.** Genet. Res. Crop Evol., 47: pp. 93-104.
- 1999 Baalbaki, R., M. Bleik, R. Zurayk, and **S.N. Talhouk**. 1999. **Germination and seedling development of drought tolerant and susceptible wheat under moisture stress.** Seed Sci. Technol. 27: 291-302.
- 1999 Hamadeh, S.K., R. Zurayk, F. El-Awar, **S. N. Talhouk**, D. abi Ghanem and M. Abi-Said. 1999. **Farming System Analysis of Drylands Agriculture in Lebanon: An Analysis of sustainability.** Journal of Sustainable Agriculture. J. of Sustainable Agriculture. 15(/3): 33-43.
- 1996 **Talhouk, S.N.***, R.A.Chahine, S.Hamadeh, B.C.Hamdar, and R.Z. Baalbaki. 1996. **Low input cherry production: a horticultural alternative for Lebanese marginal highlands.** HortScience. 31(7):1077-1079.
- 1992 Volkman, L.E., **S.N. Talhouk**, D.I. Oppenheimer, and C.A. Charlton. 1992. **Nuclear F-**

- actin: a functional component of baculovirus-infected lepidopteran cells?* J. Cell Sci. 103, 15-22.
- 1991 **Talhouk, S.N.*** and L.E. Volkman. 1991. **Autographa californica M nuclear polyhedrosis virus and Cytochalasin D: Antagonists in the regulation of protein synthesis.** Virology. 182:626-634.
- 1990 **Talhouk, S.N.***, D.G. Nielsen, and M.E. Montgomery. 1990. **Water deficit, defoliation, and birch clones: Short-term effect on gypsy moth (Lepidopteran: Lymantriidae) performance.** Environmental Entomology. 19(4):937-942.

BOOKS AND CHAPTERS

- 2019 **Talhouk, S. N.**, R. Baalbaki, S. Haydar, W. Kays, S. Kayed, M. Al-Hindi, and N. A. Saliba. Contextualizing Openness: A Case Study in Water Quality Testing in Lebanon. In: **Contextualizing openness: Situating open science.** Edited by Leslie Chan; co-edited by Angela Okune, Becky Hillyer, Denisse Albornoz and Alejandro Posada. University of Ottawa Press. ISBN 978-1-55250-611-0
- 2018 Slim, K., K. Bou Azza, and **S.N. Talhouk.** **National Guidelines for Native Nursery Management: Trees & Shrubs.** Published by American University of Beirut, Nature conservation center.
- 2018 **Talhouk, S.N.**, M. Itani, and M. Al-Zein. 2018. **Biodiversity in Lebanon.** In: Global Biodiversity, Volume 1: Selected Countries in Asia. Editor: T. Pullaiah. Apple Academic Press. ISBN: 9781771887076
- 2017 **Talhouk, S.N.** **ألف باء الطبيعة .** أدار العربية للعلوم ناشرون
- 2014 **Talhouk, S.N.**, M.M. Yazbek, K. Sleem, A.J.Sarkissian, M.S. Al-Zein, and S. Abo Eid. 2014. **Trees of Lebanon.** Published by American University of Beirut, Nature conservation center. Pp151.
- 2012 Makhzoumi, J., **Talhouk, S.N.**, Zurayk, R. and Sadek, R. 2012. **Landscape Approach to Bio-Cultural Diversity Conservation in Rural Lebanon.** In John Tiefenbacher (ed.) Nature Conservation – Patterns, Pressures and Prospects, ISBN 978-953-51-0033-1, released online, pp. 179-198
(<http://www.intechopen.com/articles/show/title/landscape-approach-to-bio-cultural-diversity-conservation-in-rural-lebanon>)
- 2010 Zurayk, R. and **S. N. Talhouk.** 2010. **Plants and People: ethonobotanical knowledge from Lebanon.** Published by American University of Beirut, Nature conservation center.
- 2009 **Talhouk, S. N.**, and M. Abboud. **Biodiversity and climate change.** In. AFED 2009 report.
- 2005 Sattout,E. J, **Talhouk S., N.** and N. Kabbani. 2005. **Lebanon.** In: Maurizio, M. & L. Croitoru (Eds). Mediterranean Forests and People: Towards the Total Economic Value. CABI Publishing. Pp: 161-175*.
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- 2001 Hamadeh S. K., R. Zurayk, M. R Darwish., H. Seeden, **S. Talhouk**, F. El-Awar, A. Baalbaki, M. Abi-Said, M. Sharara. 2001. **Changing rural livelihoods and land degradation in the Bekaa valley.** In: Agriculture and Rural livelihoods: case studies for sustainability in the WANA region. A. Aw-Hassan and A. Cooper Eds. ICARDA, Syria.
- 2001 **Talhouk, S.N.**, J. Makhzoumi, M. Maunder, and S. Khuri. 2001. **You can't see the**

- wood for the trees: The Cedar of Lebanon as a symbol of a country and an ecosystem.** Article. Archeology and History in Lebanon. 14: 114-122.
- 1999 S. Khuri and **S.N.Talhouk**. 1999. **Cedars of Lebanon Cedrus libani A. Rich.** In: Conifers: Status Survey and Conservation Action Plan. Farjon, A. and Page, C.N. (compilers). IUCN/SSC Conifer Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. Pp.108-111.

THESES SUPERVISION

Thesis Advisor		
2019	Participatory strategy for water condensate harvesting from air-conditioning home units and its use in public gardens: A case study in Tripoli, Lebanon	Tala Merehbi
2019	To be determined	Rhea Ekmekji
2019	To be determined	Samar Morkos
2017	Design guidelines for Ancillary Botanic Gardens (ABG)	Maya Melhem
2017	Prototype designs of safe outdoor play environments within school grounds	Ranim Koleilat
2017	Can urban ecotourism teach about nature?	Asma Al Hajal
2016	Assessing the viability of vermicomposting in Lebanon on community level : Warhanieh case study	Ghanem, Nada
2015	Physiognomy as a basis for plant species conservation in urban areas : Beirut as a case-study	Itani, Moustapha
2014	Defining environmental and cultural landmarks in Lebanese villages through an integrated public participation GIS method	Tawk, Lama
2014	Exploring technical and economic aspects of vermicomposting as a microenterprise in rural communities of Lebanon	Moledor, Sara
2012	Women's perspective on the management of natural resources : case studies of Aarsal, Batloun and Kwakh	Itani, Carol
2012	Assessment of the potential of establishing extensive green roofs at the American University of Beirut	Hazim, Noura
2007	Evaluation of the distribution of orchid species in Al-Shouf biosphere and their in vitro germination potential	Hamdan, Khaled
2007	A modified sustainability model (IDEA) to compare organic and conventional agricultural systems in the Bekaa plain of Lebanon	Ghadban, Elias
2007	Prevalence of genetically modified corn in Lebanon and implications on biosafety	Dandache, Layal
2006	Production, postharvest and economic potentials of Origanum syriacum as a new crop in Lebanon	Atallah, Shadi
2005	Assessing the current use and significance of wild edible plants traditionally gathered in Lebanon : an ethnobotanical study	Marouf, Maysan
2004	Morphological and genetic characterization of local olive (Olea europea L.) varieties in Lebanon	Chamoun, Rony
2003	Preliminary market assessment of herbal remedies in Lebanon	Georgina Catacora

2003	Effect of provenance on essential oil composition of two native Lebanese plants <i>Salvia Triloba</i> L. and <i>Origanum Ehrinbergii</i> Boiss	Abu-Hatab, Amal
2002	Ibrahim River : a case study for investigating vegetation patterns and assessing riparian habitats	Abboud, Maya
2002	Assessing potential uses of wild fruit trees in Northern drylands of the Beqa'a	Akl, Mireille.
2002	Evaluating methods for assigning conservation status of Lebanese plant species	Rteil, Hiba
2001	Floristic assessment of selected communities along the Lebanese coastal zone	Dagher, Marcelle
2000	Insect diversity along the Lebanese coast in selected plant communities	El Hachem, Roland
1999	Characterization of local almond (<i>Amygdalus communis</i>) varieties in Lebanon	Parmaksizian, Loris
1999	Survey and characterization of pistachio (<i>Pistacia</i> spp.) germplasm in Lebanon	Nehme, Ghassan
1998	Germplasm characterization and climatic zoning for viticulture in Lebanon	Riachy, Imad
1997	Survey and characterization of almond (<i>Amygdalus</i> spp.) germplasm in Lebanon	Lubani, Rashid
1997	Initiation of embryogenic callus from immature zygotic embryos of <i>Cedrus libani</i>	Shmoury, Mohamed
1995	Low-input cherry production in Lebanese marginal lands : Irsal, a case study	Chahine, Racha
1995	Evaluation of strawberry varieties in Lebanon and their potential in-vitro runner formation	Wansa, Emile.
1994	Optimization conditions for the micropropagation of the local Lebanese banana variety	Zbib, Hussein

Thesis co-supervision (Committee Member)

2017		Thuraya
2016	Urban green infrastructure opportunities : spatial suitability analysis and municipal guidelines in Beirut	Shaar, Karim
2016	Agriculture as a tool of settlement : a political ecology and economy analysis of Israeli agricultural development	Thomson, William
2016	Design guidelines for a therapeutic roof garden : case of AUBMC oncology courtyard	Karaan, Elias
2015	Deriving a planting medium from solid waste compost and excavation and demolition rubble for use in the rehabilitation of quarries	Assaf, Eleni
2013	Qualitative and quantitative assessment of sesquiterpene lactones' anticancer activities in wild and cultivated <i>Achillea falcata</i>	Tohme', Rita.
2013	Tracking changes in fish abundance across the coast of the Levant : a local ecological knowledge study	Al-Ajlan, Safia
2009	Understanding nature in an Armenian village in Lebanon	Yeghiayan, Heghnar
2007	Avian influenza in migratory and domestic birds and impacts of therapeutic molecules against poultry viruses	Rayya, Edward
2007	Natural and synthetic molecules against dairy and poultry diseases	El Hakim, Rindala

2007	Urban floral diversity in the eastern Mediterranean : Beirut coastal landscape	Chmaitelly, Hala
2007	The impact of landmines and unexploded ordnance on the human and land resources of South Lebanon	Yamine, Maya
2006	Studies on a newly emerging H9N2-avian influenza outbreak in poultry of Lebanon	Dankar, Samar
2006	Anti-Candida albicans properties of essential oil of indigenous herbs in Lebanon	Gerges, Danyelle
2005	Vaccines and essential oil in respective protection and treatment of chicken and rabbit ailments	Halawi, Hussein
2005	Aesthetic preferences and nature conservation : a case study in rural South Lebanon	Selwan, Rhea
2004	Screening selected indigineous plants against Bemisia tabaci and chemical isolation of bioactive fractions	Zeaiter, Abdallah
2004	PCR use in epidemiological study of avian mycoplasmosis and control of gumboro by herbal extracts	Shaib, Houssam
2004	A biodiversity policy framework for Lebanon	Ibrahim, Hana
2004	The way to a natural bioactive compound extracted from an endemic Lebanese plant	Dakdouki, Saada
2003	Impacts of shifting farming systems on soil degradation in a semi-arid mountainous region of Lebanon	El Hindy, Rana
2003	Adaptation strategies of small ruminants production systems to environmental constraints in semi-arid areas of Lebanon	Dick, Corinne
2003	Screening selected plants against Tetranychus urticae and Liriomyza huidobrensis and solid phase extraction of Melia azedarach	Akkary, Marwan
2003	In vitro and in vivo antimicrobial activities of selected indigenous medicinal plants of Lebanon	Al Sharif, Mohammed.
2003	Immunopotential and antimicrobial activities of indigenous medicinal plants of Lebanon	Sagherian, Vatche
2003	Turfgrass landscape in coastal Lebanon : quality, use and management	Nasrallah, Ranya
2002	Profiling and effects of extracts from selected plant species indigenous to Lebanon on two breast cell lines	al Derbas, Riwa
2002	Morphological and genetic assessment of bread wheat landraces collected from Baalbek caza	El-Saliby, Ibrahim
2000	The effect of acid-forming fertilizers on the mobility and uptake of Cd, Cr, and Ni by radish plants in four Lebanese soils	Srouf, Rafif
2000	Identification and antimicrobial activity of chemical constituents from five plant species	Sabra, Amal
2000	Dynamics of Cd, Ni, and Cr in four Lebanese soils	Samad, Fatima
1999	Survey, collection and diagnosis of diseases associated with almond (Prunus spp.) germplasm in Lebanon	Kanaan-Atallah, Zahi
1999	Soil amendments for pine establishment in quarry rehabilitation	El-Jisr, Karim
1999	Salinity-heavy metal interaction on metal uptake by salt-tolerant plants	Khoury, Nathalie
1998	Physiological responses to salinity of two strawberry varieties in calcareous and non-calcareous substrates	Hajjar, Diana
1998	Methods of evaluating germplasm and their applicability to wheat genotypes	Khatib, Ali

1998	Evaluating and characterizing safflower (<i>Carthamus tinctorius</i> L.) germplasm	Khalifeh, Samer
1996	Genotype environment interactions in field peas (<i>Pisum sativum</i> L.).	Abdel Rahim
1996	Salinity and phosphorus effects on growth of differentially drought tolerant wheat cultivars.	Kanj, Bassel
1995	Effect of seed priming, size, and GA, on germination, and emergence of carrots.	Mansour, Dina
1994	Host plant preference of whiteflies to some vegetables	Gebara, Fabienne
1994	The effect of moisture stress on germination and development of drought susceptible and tolerant wheat cultivars	Bleik, Maya

CONFERENCES

- 2018 **Principle Investigator. *Reconnecting People with Plants: Implementation Examples for Ancillary Botanic Gardens.*** Moustapha Itani, Maya G. Melhem, Myriam Boufadel, Yaser Abunnasr, Salma N. Talhouk. 2nd Mediterranean Plant Conservation Week La Valetta, Malta November 12 - 16, 2018
- 2018 **Principle Investigator. *A quantitative tool to assess local preference for the conservation of Important Plant Areas (IPAs) : A Case Study of Sannine-Kneisse IPA in Lebanon.*** Marya Salman, Salma Talhouk, Samer Kharroubi & Moustapha Itani. 2nd Mediterranean Plant Conservation Week La Valetta, Malta November 12 - 16, 2018
- 2018 **Speaker. *Everyday Nature in the World of Lebanese Rural Youth.*** COSIMENA roundtable "Knowledge of Nature and Intangible Cultural Heritage", September 5-6 2018 at the DAAD Cairo, Egypt (via skype)
- 2018 **Session organizer. *Tourism and ecosystem services - searching for sustainability.*** Ecosystem Services Partnership regional conference. 22-25 April 2018. (Dead Sea, Jordan).
- 2018 **Speaker. *DASKARA - a phone application for mapping cultural ecosystem services: an academic / private partnership example.*** Ecosystem Services Partnership regional conference. 22-25 April 2018. (Dead Sea, Jordan).
- 2017 **Session organizer. *S7 Tourism and ecosystem services - searching for sustainability.*** 9th Ecosystem Services Partnership conference. 11-15 December 2017, (Shenzhen, China)
- 2017 **Graduate Student Advisee Speaker (Asma Al Hajal and Salma N Talhouk). *How Can Ecotourism In Cities Teach About Nature and Ecosystem Services?*** 9th Ecosystem Services Partnership conference. 11-15 December 2017, (Shenzhen, China)
- 2017 **Graduate Student Advisee Poster (Maya Melhem, S. N. Talhouk, and Y. Abu Nasr). *Landscape Design Guidelines for Ancillary Botanic Gardens.*** 6th Global Botanic Gardens Congress of Botanic Gardens Conservation International. Conservatory and Botanical Garden of the City of Geneva, Switzerland, 26th-30th June.
- 2017 **Speaker. *Ancillary botanic gardens-Local botanic gardens for education and outreach.*** 6th Global Botanic Gardens Congress of Botanic Gardens Conservation International. Conservatory and Botanical Garden of the City of Geneva, Switzerland, 26th-30th June.
- 2017 **Graduate Student Advisee Poster (Moustapha Itani, Salma N. Talhouk, Salvatore Pasta & Mohammad S. Al-Zein. *Assessing the impact of *Carpobrotus edulis* and *Lantana camara* on three Lebanese coastal endemic plant species.*** State of the World's Plants Symposium, Kew, UK. 25-26 May.
- 2015 **Speaker. *Evaluating participatory mapping as a tool to assess the prospects of decentralized community based tourism in Lebanon.*** 8th Ecosystem Services

- Partnership conference. November 9– 13, (Stellenbosch, South Africa) 2015–
- 2015 **Speaker.** *How do rural youth perceive nature? A case study from Lebanon.* 8th Ecosystem Services Partnership conference. November 9– 13, (Stellenbosch, South Africa)
- 2014 **Speaker.** *Biodiversity Village Award – Baldati Bi'ati.* Fifth Sub-Global Assessment Network Meeting - UNEP, 26-28 October, Dubai, United Arab Emirates.
- 2014 **Co-author** (Nadim Farajalla, Eleni Assaf, Issam Bashour, and Salma N. Talhouk) *Deriving a Planting Medium from Solid Waste Compost and Construction, Demolition and Excavation Waste.* European Geosciences Union, General Assembly 2014, Vienna, Austria, 27 April – 02 May 2014
- 2014 **Co-author** (Arbi J. Sarkissian, Salma N. Talhouk, Rob M. Brook, and Neal J. Hockley). *Incentivizing reforestation with native species in Lebanon: Measuring conservationists' preferences and landowners' willingness to accept reforestation payments.* IUFRO, Forest Change 2014, International Conference · 2nd - 4th April 2014 · Freising / Germany
- 2013 **Speaker.** *Ancillary Botanic Gardens.* Plant Life of SW Asia 8 conference. Royal Botanic Gardens, Edinburgh, Scotland. July 1-5.
- 2013 **Speaker.** *Community centered reforestation project at AUB NCC.* "Lebanon Reforestation Experiences and Lessons Learned". Organized by FAO, the World Bank, and the Ministry of Agriculture. Beirut, 6 March
- 2012 **Speaker.** *Extensive green roof modules: towards a participatory process for urban greening and biodiversity conservation in Beirut.* World Green Roof Congress, 18-21 September, Copenhagen, Denmark
- 2010 **Speaker.** *Ex Situ Conservation Options in Lebanon.* Conserving Biodiversity in the Middle East - 3/5: Strategies for in situ and ex situ Conservation in the Middle East - the World congress for Middle eastern studies (WOCMES) Barcelona July 19-24.
- 2006 **Co-author.** Jeambey Z, Johns T, Talhouk S, and Batal M. *Use, consumption and Health and Medicinal Properties of Six Wild Edible Plants in the Northeast of Lebanon.* First World Congress of Public Health Nutrition, Barcelona, Spain
- 2006 **Participant** in "*biodiversity as Food: Biodiversity as Food*". -Regional Workshop organized by IDRC -February 3-5, 2006
- 2002 **Co-author.** Makhzoumi, J., Talhouk, S. N. and Clubbe, C. *Towards a holistic approach to biodiversity conservation: establishing nature pockets in coastal Lebanon.* The VIII International Congress of Ecology, Ecology in a Changing World, August 11-18, Seoul, Korea.
- 2001 **Speaker.** Talhouk, S.N., G.A. Nehme, R. Baalbaki, R. Zurayk and Y. Adham. *Ecogeographic Characterization of Pistacia spp. in Lebanon.* In: Padulosi, S. and A. Hadj-Hassan, Ed. Project on underutilized Mediterranean species. Pistacia: towards a comprehensive documentation of distribution and use of its genetic diversity in Central and West Asia, North Africa and Mediterranean Europe. Report of the IPGRI workshop, 14-17 Dec. Irbid. Jordan.
- 2000 **Co-author.** Zurayk, R., Baalbaki, R., Sukkariyah, B. Khoury, N. Talhouk, S.N., Srour, R. and Samad, F. *Monitoring and Phytoremediation of Cd, Cr and Ni in Natural and Agricultural Ecosystems.* Soil-Environment and Health meeting. British Society of Soil Science. Birmingham, April 7-8, 2000.
- 2000 **Invited Participant.** Planning and Writing a Research Proposal. 6 August. Malaysia. Organized by the International Foundation for Science (IFS).
- 2000 **Invited Participant.** Third Training course on forestry research strategy formulation, planning and management. 1-5 august, Malaysia.
- 2000 **Invited participant.** XXI International Union of Forestry Research Organizations Congress. 7-12 August. Kuala Lumpur, Malaysia.

- 1999 **Speaker.** Talhouk, S.N., A. Ghalayini, and I. Toufeili. 1999. *Effect of temperature and polyethylene wraps on storage life of loquat.* In: Cahiers options mediterraneennes: Post-harvest losses of perishable horticultural products in the Mediterranean region. 42: 95-102.
- 1999 **Co-author.** Khuri, S. and S.N. Talhouk. *Collaborative research on plant conservation between the UK and Lebanon.* In Kim y-S (ed). Polant Conservation Strategy Towards the Next Millenium. Conf. The National Arboretum, Seoul, Korea. Pp: 34-45.
- 1999 **Speaker.** Fourth International Conifer Conference. Wye College. UK. Title of oral presentation: *Conifer Conservation in Lebanon.*
- 1999 **Speaker.** Talhouk, S.N., A. Ghalayini, and I. Toufeili. 1999. *Effect of temperature and polyethylene wraps on storage life of loquat.* In: Cahiers options mediterraneennes: Post-harvest losses of perishable horticultural products in the Mediterranean region. 42: 95-102.
- 1999 **Co-author.** Khuri, S. and S.N. Talhouk. 1999. *Collaborative research on plant conservation between the UK and Lebanon.* In Kim y-S (ed). Polant Conservation Strategy Towards the Next Millenium. Conf. The National Arboretum, Seoul, Korea. Pp: 34-45.
- 1998 **Invited speaker.** International Workshop on Pistachio: Towards a comprehensive documentation of distribution and use of its genetic diversity in the CWANA region. International Plant Genetic Resource Institute. Irbid, Jordan. Title of oral presentation: *Characterization of Pistachio (Pistacia spp.) germplasm in Lebanon.*
- 1998 **Invited participant.** International Society for Horticultural Sciences & The American Society for Horticultural Sciences. Rome. Italy. World Conference on Horticultural Research.
- 1998 **Invited participant.** Mediterranean Post-harvest Network Meeting. Coordinating research and information exchange in post-harvest research among Mediterranean countries.
- 1998 **Invited speaker.** Lebanese Ministry of Agriculture. Order of Engineers. Title of oral presentation: Production of Stone fruit in Lebanon.
- 1998 **Invited speaker.** International Conference on Neglected and Underutilized Species and WANANET meetings. International Plant Genetic Resource Institute. ICARDA, Aleppo, Syria. Title of oral presentation: *Genetic diversity of Almond, Pistachio, and Grape Germplasm in Lebanon.*
- 1998 **Invited speaker.** International Plant Genetic Resources Institute. Beirut, Lebanon. Workshop on the Development of a Research Activity on the Levels and Degree of Loss of Forest Genetic Resources. *Title of oral presentation: Distribution of Pistacea spp. in Lebanon.*
- 1998 **Invited participant.** Evaluation of the Regional socio-economic rehabilitation program for South Lebanon. Participated in the agriculture expert group. (The High Relief Committee- UNDP)
- 1997 **Speaker.** Second International Symposium on Pistachios and Almonds. UC Davis. Title of oral presentation: *Survey and characterization of almond germplasm in Lebanon.*
- 1996 **Invited participant.** Salzburg Seminar Session 338. Sustainable Agriculture.
- 1996 **Invited participant.** Mediterranean Agronomic Institute of Chania. International Symposium on Biology and Biotechnology of the Plant Hormone Ethylene.
- 1996 **Invited speaker.** Mediterranean Post-harvest Network Meeting. Chania, Greece. Title of oral presentation: *Effect of temperature and wrapping material on the storage life of 'Ahmar' loquat (Eriobotrya japonica)*
- 1995 **Co-author.** Zurayk, R., R. Baalbaki, and S.N. Talhouk. 1995. *Production and use of chemical Fertilizers and the Environment in Lebanon.* In : Proceedings of the seminar

- on Production and use of Chemical Fertilizers and the Environment. Pp. 19-34. National Research Center (Egypt) and GTZ (Germany).
- 1994 **Invited speaker.** Regional short-course organized by the Lebanese University and CIHEAM in collaboration with EC. Title of session: ***Post-harvest Technologies of Horticultural Crops***
- 1993 **Invited participant.** National Research Center, Cairo, Egypt. Attended and assisted in the instruction of a training workshop on ***Tissue Culture Techniques and Applications in Industry and Agriculture***
- 1993 **Co-author.** Dryland resource management and the improvement of rainfed agriculture in the drier areas of West Asia and North Africa. 23-27 May. Aleppo. Syria. Title of oral presentation: .. ***Lebanon: Changes in the Agricultural systems of two Lebanese villages.*** By: Hamadeh, S., H. Seeden, S. Talhouk, R. Baalbaki, and R. Zurayk
- 1993 **Invited speaker.** Mediterranean Agronomic Institute of Chania, Greece. "Post-Harvest Quality and Quantity Losses of Perishable Horticultural commodities in the Mediterranean Region" at the (Greece). Title of oral presentation: ***Post Harvest Losses of Fruits in Lebanon.***
- 1993 **Invited participant.** The second Arab Conference on Perspectives of Modern Biotechnology. Amman, Jordan.
- 1991 **Speaker.** American Society of Virology. Salt Lake City, Utah. Title of oral presentation: ***Competition between Cytochalasin D and AcMNPV in the regulation of actin synthesis.***
- 1990 **Speaker.** American Society of Virology. London. Ontario. Title of oral presentation: ***Cytochalasin D affect viral and host protein synthesis in Autographa californica nuclear polyhedrosis virus infected cells.***
- 1987 **Speaker.** Entomological Society of America. Boston, Massachusetts. Title of oral presentation: ***Gypsy moth performance on stressed and non-stressed greenhouse birches.***
- 1986 **Speaker.** Entomological Society of America. Reno, Nevada. Title of oral presentation: ***Physiological status of greenhouse oaks measured with a LI-6000***

OUTREACH - PUBLICATIONS

- 2014 Kays, W. and S.N.Talhouk. 2014. Extracurricular nature activities School guide: دليل المدارس للنشاطات البنّية الاصفية. Published by American University of Beirut, Nature Conservation Center.
- 2010 Talhouk, S.N. 2010. Laou. Arabic translation of the LORAX by Dr. Seuss. Asala publishing.
- 2008 Talhouk, S.N., J. Sopf-Nuic, K.slim, and M. Fabian. 2008. **Seed planting manual.** IBSAR, Nature conservation center for sustainable futures, the American University of Beirut.
- 2005 Talhouk, S. N. 2005. **Beiatouna Beitouna: Art Expression for the Nature Conservation** – What is biodiversity Booklet, IBSAR, Nature conservation center for sustainable futures, the American University of Beirut.
- 2004 Sattout, E. J. and S. N. Talhouk. 2004. **Mountain Biodiversity: What's so special about it?** ECO - The Voice of NGO Community in the International Environmental Conventions. (10):2.
- 2002 Talhouk, S. N., M. Abboud and C. Clubbe. 2002. **Darwin Project in coastal vegetation survey and Conservation for Lebanon.** CD-Rom. Faculty of Agricultural Sciences, American University in Beirut in collaboration with Royal Botanic gardens, Kew

- England, University of Reading, England.
- 2001 Talhouk, S.N., I. Lorbach, and M. Karmann. 2001. **Gender knowledge about NTFPs.** European Tropical Forest Research Network (ETFRN) News. Non-Timber Forest Products. 32: 27-29.
- 2001 M. Dardas, H. Zahreddine, M. Dagher, C. Clubbe, and S. N. Talhouk. 2001. **Steps towards the conservation of the Lebanese Coastal Flora.** Pamphlet, sponsored by the Darwin Initiative for Survival of Species. American University of Beirut, in collaboration with Royal Botanic gardens, Kew, England, and University of Reading, England.
- 2001 Sattout E. and S. N. Talhouk. 2001. **A Proposed Monitoring Program for the Flora of the Natural Reserves of Al-Shouf, Ehden and the Palm Islands.** Ministry of Environment, Beirut, Lebanon & Green Line. Lebanon. Manual. Pp. 52.
- 1999 Sattout, E and S. N. Talhouk. 1999. **Flora monitoring in the Protected Areas in Lebanon.** Workshop handout. Silva.
- 1999 Tohme, G., S.N. Talhouk, H. Tohme, S. Hrawi-Bloquet, M. Karakirah, and R. Jaz. 1999. **The reserve of Al-Shouf Cedars.** Manual. The Lebanese National Research Council. Ministry of Environment.
- 1999 Sattout, E, S.N.Talhouk, and K.Knio. 1999. **Monitoring Biological Diversity: Flora of the Nature Reserve of Ehden.** Manual. Greenline. For the Protected Areas Project (UNDP/GEF). Ministry of Environment, Beirut, Lebanon.
- 1999 Sattout, E, S.N.Talhouk, and K.Knio. 1999. **Monitoring Biological Diversity: Flora of the Al-Shouf Nature Reserve.** Manual. Greenline. For the Protected Areas Project (UNDP/GEF).For the Protected Areas Project . Ministry of Environment, Beirut, Lebanon.
- 1999 Sattout, E, S.N.Talhouk, and K.Knio. 1999. **Monitoring Biological Diversity: Flora of the Nature Reserve of the Palm Islands.** Manual. Greenline. For the Protected Areas Project (UNDP/GEF). For the Protected Areas Project. Ministry of Environment, Beirut, Lebanon.
- 1999 Talhouk, S.N., G.A. Nehme, R. Baalbaki, R. Zurayk, and Y. Adham. 1999. **Distribution of wild Pistacia spp. in Lebanon.** FAO-CIHEAM-Nucis-Newsletter. 8: 31.
- 1998 Sattout, E, S.N.Talhouk, and K.Knio. 1998. **Monitoring Biological Diversity: Flora of the Nature Reserves of Al-Shouf, Ehden, and the Palm Islands.** Manual. Greenline. For the Protected Areas Project (UNDP/GEF). For the Protected Areas Project . Ministry of Environment, Beirut, Lebanon.
- 1998 Talhouk, S.N., R. Lubani, L. Parmaksizian, R.Baalbaki, R.Zurayk, and Y.Adham. 1998. **Characterization of almond germplasm in Lebanon.** FAO-Nucis-Newsletter. 7:6-7.

OUTREACH - DOCUMENTARIES

- 1 Aakoura - Water Collection: <https://youtu.be/juyArGIIEfE>
- 2 Aana - Forests and Reforestation: <https://youtu.be/I2nAGb1GgZ4>
- 3 Ain Zebdeh - Forests and Reforestation: <https://youtu.be/fI5wtXaFMw>
- 4 Aita al Fokhar - Forests and Reforestation: <https://youtu.be/HtIQ-jOfPt4>
- 5 Al Barouk - Forests and Reforestation: <https://youtu.be/-dcn-l44Z00>
- 6 Al Rihan - Eco-tourism: <https://youtu.be/X2NjoakXSOs>
- 7 Arsal - Fighting Desertification: <https://youtu.be/E1Ftr70DEU>
- 8 Barqa - Forests and Reforestation: <https://youtu.be/-Uo1yWgEy60>
- 9 Bebnine - Sustainable Practices: <https://youtu.be/4AEzqd6RkQ>
- 10 Bkassine - Forests and Reforestation: <https://youtu.be/DNkmdzIghdE>
- 11 Bsharreh - Forests and Reforestation: https://youtu.be/YXY-w65_k6A
- 12 Damour - Outdoor Activities: <https://youtu.be/4p8ji5VUTcc>
- 13 Dahr Al Ahmar - Forests and Reforestation: <https://youtu.be/7H5vTfsbBzQ>
- 14 Deir El Harf - Forests and Reforestation: <https://youtu.be/E6FnhNqvSVY>
- 15 Deir el Ahmar - Sustainable Practices: https://youtu.be/SJd1q_F5WQQ
- 16 Deir al Zahrani - Community Mobilization: <https://youtu.be/TKc6NhG539Y>
- 17 Ehmej - Outdoor Activities: <https://youtu.be/puwh9cNQhXU>
- 18 Hammana - Forests and Reforestation: https://youtu.be/5uz_NyX_hOY
- 19 Hrajel - Sustainable Practices: <https://youtu.be/T5ehKwhRSgU>
- 20 Hrar - Sustainable Agriculture Wild Edible Plants: <https://youtu.be/2bNopvl-IIw>
- 21 Jezzine - Outdoor Activities: <https://youtu.be/-WmjjXUM6XE>
- 22 Kamed El Loz - Forests and Reforestation: <https://youtu.be/ZO6xTeyKC0c>
- 23 Kawkaba - Sustainable Practices: <https://youtu.be/hfqy7Qi5Aw8>
- 24 Kousba - Water Treatment: <https://youtu.be/ggCsbd25FVo>
- 25 Maaser El Shouf - Traditional Houses and Eco-initiatives: <https://youtu.be/fNs23vhSUX0>
- 26 Manara - Forests and Reforestation: <https://youtu.be/TeVcDQIv3c>
- 27 Minyara - Public Garden: <https://youtu.be/btsVzE02D0>
- 28 Mishmish - Forests and Reforestation: <https://youtu.be/PafKs6P50-Y>
- 29 Mrousty - Forests and Reforestation: <https://youtu.be/NG23isyaMUs>
- 30 Niha - Outdoor Activities: <https://youtu.be/n5SG3BNiKV4>
- 31 Ourhaniyeh - Community Mobilization: <https://youtu.be/sqqQSMpZSfc>
- 32 Ras el Metn - Outdoor Activities: <https://youtu.be/vL5RySSRGaI>
- 33 Shanai - Forests and Reforestation: <https://youtu.be/Gf-VISWNjeM>
- 34 Sinay - Outdoor Activities: <https://youtu.be/ZJl9vRaJrp8>

OUTREACH - WORKSHOPS

- | | |
|------|---|
| 2015 | Coordination of one national event - Biodiversity Village Award and Map exhibit . In partnership with the Ministry of Tourism, and under the AUB-Nature Conservation Center umbrella organized a public green map exhibit featuring 70 Lebanese village green maps. October 16, 17 2015 West Hall. |
| 2015 | Coordination of one national event - School Guide for Extra-Curricular Nature- |

- Related Activities.** A closing ceremony was held at the UNESCO to showcase the accomplishments of 21 public schools that engaged in nature related extracurricular activities based on the school guide prepared by AUB NCC. A total 472 students and 54 teachers from all participating schools attended and received a 32-page booklet documenting the efforts made by the students and their schools throughout the year
- 2014 Coordination of **one national event - Official Adoption by Ministry of Education and Higher Education of the extracurricular nature related School manual.** Announcement and manual presentation was made in front of 400 school representative (January 2014) and 2000 copies of manual distributed by MEHE to all public schools.
- 2014 Coordination of **one national event - Village green maps exhibit.** 16 participatory mapping village exhibit (Baadaran, Bshetfine, Mokhtara, Chahtoul, Qartaba, Saghbine, Kfeir, Rashaya, Hasroun, Qnat, Oyoun orgosh, Tannourine, Ehden, Reifoun, Menjez, and Bentaël.)
- 2014 Coordination of **102 regional participatory mapping workshops** in 16 villages.
- 2014 Coordination of **one national participatory mapping event** AUB, October 11
- 2014 Coordination of **one national workshop “Eco-tourism planning”** in collaboration with the Ministry of tourism. December 5. Glass Lounge, Ministry of Tourism.
- 2013 Coordination of **one national event - MOU with Ministry of Tourism adopting Biodiversity Village Award Maps as national basis for rural tourism.** A memorandum of understanding has been signed on the 5th of December 2013 between the Ministry of Tourism Nature and the Conservation Center at the American University of Beirut (AUB-NCC). The Memorandum aims to achieve cooperation in the field of ecotourism through the exchange of information and expertise, which will ultimately lead to the promotion and development of this sector. The Ministry adopted as well the findings of the baldati biati (biodiversity village award project which has been completed with more than 50 municipalities to encourage local planning through the creation of village green maps.
- 2013 Coordination of **one consultation workshop** for revision and feedback of the extracurricular nature related School manual. April. Ministry of Education and Higher Education. 27 public and private schools representatives participated in the workshop.
- 2013 Coordination of **8 reforestation workshop activities** through direct seed planting
- 2012 Coordination of **one national event - Village green map exhibit.** 17 participatory mapping village exhibit (Hrar, Aana, Kamed El Loz, Manara, Barqa, Deir El Ahmar, Al Qalaa, Deir El Harf, Hrajel, Ehmej, Aakoura, Ouarhaniyeh, Maaser El Shouf, Kousba, Bsharreh, Sinay, and Damour.)
- 2012 Coordination of **130 regional participatory mapping workshops** in 17 villages
- 2012 Coordination of **one national participatory mapping event.** Al Safir Heliopolitan Hotel on March 30th
- 2012 Coordination of **one national participatory mapping event.** Beirut Souks on November 15th.
- 2012 Coordination of **34 field workshops** to develop and test youth nature activities. In collaboration with Ministry of Education and Higher Education. Participants from 24 public and 9 private schools (Deir El Zahrani, Aatrine, Barouk, Jezzine, Niha, Damour, Mishmish, Aarsal, Deir el Ahmar, Dehr el Ahmar, Aita el Fakhar, Manara, Kamid el Loz, Sultan Yaqoub, Khiyara, Anna, Baakline, Ahlieh, American community school, International collage, Wellspring, Saint Marry Orthodox school, CIS, Zgharta technical school, Triboli Evangelic school, Zahli Evangelic school, hamana, Ourhaniya, Annout, Anjar Qulayle),

- 2012 Coordination of **one consultative workshop for extracurricular nature related School manual development**: 25 public school representatives attended January 28, 2012 Al Safir Hotel
- 2011 Coordination of **one national event - Village Green map exhibit**. 18 participatory mapping village exhibit (Aarsal, Ain Zebde, Aita el Foukhar, Barouk, Bebnine, Bkassine, Dahr el Ahmar, Deir al Zahrani, Hammana, Jezzine, Kawkaba, Mechmech, Minyara, Mristi, Niha, Ras el Matn, Rihane, and Shanai.)
- 2011 Coordination of **one National Project Launch** event of project on Extracurricular nature related School manual, FAFS 24 school representative
- 2011 Coordination of **72 regional participatory mapping workshops** in 20 villages
- 2011 Coordination of **one national participatory mapping event**: Comodore Hotel Hamra on June 9th,
- 2011 Coordination of **one national participatory mapping event** Al Safir Heliopolitan Hotel on October 26th, 2011.
- 2005 Coordination of **one regional workshop** in Deir Nbouh, North Lebanon, January 8, 2005 at Rasheen, Zhgarta. The workshop targeted rural communities in the project vicinity (Deir Nbouh, Kfarhabou, Zgharteghreen, Racheen, Kfardlakous, Eazal, Sakhra, Emar, Khaldia, and Kfarhata). The workshop aim was to introduce the participants to the holistic concept of the project and sustainable use and management of rural resources.
- 2005 Coordination of **one national workshop** on Biodiversity awareness: “Beiatouna Baitouna” a partnership with schools towards biodiversity conservation. In collaboration with the Ministry of Environment and the United Nations Development Programme and as part of the Top-up Biodiversity Enabling Activity Project.
- 2004 Coordination of **one national round tables session**: “Priorities assessment and capacity building needs for Biodiversity Conservation” The first round table meeting aimed to give an overview on the project and the objectives of the meeting series, present the situation of Lebanon in relation to Convention of Biological Diversity and the implemented activities according to the drafted NBSAP, and Present the work plan to define the national needs in capacity building and priorities.
- 2004 Coordination of **first national workshop introducing the Cartagena Protocol on Biosafety** and presenting the workplan of the National Biosafety Framework project for Lebanon. The workshop was held in collaboration with the Ministry of Environment. 23 April, Gefinor Rotana Hotel, Beirut
- 2004 Coordination of **one national workshop** on “Prospects for the Identification and Conservation of Biodiversity Rich Areas in Lebanon” which brought together participants from national scientific institutions and delegates from State agencies to discuss the basis and available and needed information for the selection of Biodiversity Rich Areas in Lebanon.
- 2004 **One training workshop** for Engineers of Ministry of agriculture on fruit trees sector. Project title: Provision of technology transfer and extension in the major of irrigation schemes. Order of Engineers, Lebanon. Feb. 16.
- 2003 Coordination of **one national workshop** on “Traditional Whip Production Systems and New Methods of production for Lebanese nurseries”: focused on new nursery production systems and their applicability in Lebanon, within the context of assessing the needs of Lebanese nurseries in Lebanon. Consultant: D. Stuve (Ohio State University).
- 2003 Coordination of **one national workshop** on “Intellectual Property and Biodiversity: their impact on Legislation and Agricultural development”: Focused on the impact of Intellectual property and biodiversity on Legislation and Agriculture Development,

- jointly coordinated with Ministry of environment. Consultants: J. Dodds and A. Krattiger (SWIFTT: Strategic Word Initiative for Technology Transfer, Cornell University, U.S.A.).
- 2003 Coordination of **one national workshop** on “Legislation and Biodiversity Opportunities: The Costa Rican Experience”: focused on exchange of information and experience between the representative of the Ministry of Environment in Costa Rica and representative from INBio with Lebanese decision makers, lawyers and AUB in relation to legislation, research and economic opportunities, jointly coordinated with the Ministry of Environment and Earth University Costa Rica. Consultants: J. Cabrera (Inbio, lawyer, Costa Rica) and E. Wo-ching (Representative of the minister of Environment, Costa Rica).
- 2003 Coordination of **one national workshop** on “Cultivation of wild plants”: focused on production protocols and quality standards of wild plants with economic potentials. Consultant: M. Sanekli (General manager and owner of "Sanessences" company, Tunisia)
- 2003 Coordination of **one national workshop** on “Biodiversity Opportunities in Lebanon”: focused on issues of interest to local industries using natural products, jointly coordinated with the Ministry of Environment. J. Nasser (General manager of Avicenne natural products; U.K.).
- 2003 **Two Farmer training workshops** on “Fruit trees: description of new varieties” organized by MOE and FAFS- AUB (North Lebanon and South Bekaa)
- 2002 Coordinated **6 workshops on apple production** to apple growers throughout Lebanon as part of a collaboration with a local NGO and financial support from Mercy Corps
- 1998 Organized **3 workshops on 'methods for flora monitoring'** for the Management Teams of the natural reserves of Al-Shouf, Ehden, and Palms Islands
- 1998 Organized **one workshop on 'Grape production'**. Yammoune Technology Transfer and Extension Project

EXPERT CONSULTANT REPORTS

- 2016 MOE/GEF (2016). Updating of 2002 SAP-BIO National Report. Prepared by Nader M., and Talhouk S. May 2016
- 2005 Talhouk, S. N., Z. El-Hajj. 2005. Biodiversity monitoring and indicators: Guidelines for integrating monitoring programs and indicators in projects within the context of the National Biodiversity Strategy and Action Plan for Lebanon (on behalf of the Lebanese Ministry of Environment).
- 2005 Talhouk, S. N. 2005 Bi'atouna Beytouna”: A partnership with schools towards biodiversity conservation 2004 Theme: Biodiversity & Community. (on behalf of the Lebanese Ministry of Environment).
- 2005 Talhouk, S. N., Z. El-Hajj, E. J. Sattout, R. Baalbaki . 2005. Addendum to the Lebanese National Biodiversity Strategy and Action Plan. (on behalf of the Lebanese Ministry of Environment).
- 2005 Talhouk, S. N., Z. El-Hajj. 2005. Priorities for Capacity Building Needs for the Conservation and Sustainable Use of Biodiversity in Lebanon: Focusing on sustainable use. (on behalf of the Lebanese Ministry of Environment).
- 2002 Talhouk, S. N., M. Abboud, and M. Akl. 2002. Second National Report of Lebanon to the Convention on Biological Diversity (on behalf of the Lebanese Ministry of Environment).

- 2002 Nader, M. and S. N. Talhouk. 2002. National Report of the Country of Lebanon on the Strategic Action Plan for the conservation of biological Diversity in the Mediterranean Region (SAP BIO) (on behalf of the Lebanese Ministry of Environment).
- 2004 Project Director. 2004-2005. Top up Biodiversity Enabling Activity (United Nation Development Program)
- 2004 Project Director. 2004-2005. Development of the National Biosafety Framework for Lebanon (United Nation Development Program)
- 2002 Co-expert. 2002-2003. Scientific coordination for the Ebel-es-Saqi ecological park (appointed by ESCWA). Project Director Dr. J. Makhzoumi
- 2000 Needs assessment in biodiversity for Lebanon. Proposal writing on behalf of the Lebanese Ministry of Environment. 2000. Submitted to GEF. Funding Approved.
- 1999 Scientific coordinator for the Al-Shouf forest reserve. 1999. (appointed by the Lebanese National Research Council
- 1998 Coordinator for the landscape design of Natural Botanic Gardens at the Rasheed Karame Fairgrounds 1998-1999
- 1996 Rapporteur for the Fruit Tree Task Force, one of the working group of experts to requested to develop a 'Research strategy for the Lebanese Agriculture Sector' (IDRC) 1996

PARTICIPATION IN UNIVERSITY COMMITTEES

2020-2021

2020-2022 FAFS ADVISORY COMMITTEE

2020-2023 FAFS STUDENT AFFAIRS COMMITTEE

2020-2023 FACULTY REPRESENTATIVE ON UNIVERSITY COMMITTEE ON STUDENT AFFAIRS

2020-2021 FAFS STRATEGIC PLANNING COMMITTEE

2020-2021 TENURE AND PROMOTION APPEAL COMMITTEE

2019 - 2020

BIOSYSTEMS ENGINEERING UNDERGRADUATE PROGRAM DEVELOPMENT COMMITTEE

CHAIR OF TENURE AND PROMOTION COMMITTEE – TROVATO

POST-TENURE REVIEW COMMITTEE

TENURE AND PROMOTION APPEAL COMMITTEE

ADVISORY COMMITTEE

2018-2019

TENURE CRITERIA TASK FORCE

FAFS STRATEGIC PLAN COMMITTEE

FAFS SOCIAL COMMITTEE

ADVISORY COMMITTEE

PAST COMMITTEES

Academic review of curriculum committee

Accreditation Task Team 10

Advisory committee for the Center for Civic Engagement and Community Service

AUB Arboretum and Botanic Garden - AUBotanic

Campus planning committee

Chair of the ad hoc committee for the development of a Master's program (MLA) at LDEM
Chair of the ad hoc committee for the revision of the LDEM undergraduate program
Chair of the ad hoc committee of the LDEM Program Learning Outcome Assessment
Chair of the FAFS Research Committee
Coordinator of the Landscape Design and Eco-Management Program
Executive Committee of IBSAR
Executive Committee of NCC (AUB's Nature Conservation Center)
Faculty Benefits Committee
FAFS Score Card Coordinator
FAFS Academic Curriculum Committee
FAFS Administrative committee
FAFS Advisory Committee
FAFS Dean Search Committee
FAFS representative Member of the University Learning Outcome Coordination Committee
FAFS strategic plan committee
FAFS climate committee
FAFS strategic plan committee
FAS Dean Search Committee
Friends of AUB Campus Committee
Graduation committee
IBDAA student forum organizing committee
Interfaculty committee for Landscape Design and Eco-Management Program
IPGRI / AUB Program coordinator
LDEM Website Committee
Medicinal Plant Graduate Program Planning Committee
Search committee for Assistant Dean of students
Search committee for Grants and Contracts Officer
Search committee for FAFS Dean
Search committee for FAS Dean
Secretary of faculty Senate
Tenure Criteria Task Force (TCTF)
Task Force for Reconstruction and Community Service
Task Force on Tenure
University Learning Outcome Coordination Committee
University Publications Committee