

CURRICULUM VITAE

PERSONAL DATA

Surname: ELHOUMAIZI
First name: Mohammed Aziz
Birth: 27/12/1964 in Eljadida, Morocco
Nationality: Moroccan
Marital status: Married
Profession: Professor, International consultant
Address: University Mohamed 1st, Faculty of Sciences,
Department of Biology
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MISSION OF EXPERTISE

- International date palm expert Pro-poor Horticulture Value Chains in Upper **Egypt** UNIDO. May 2013.
- Technical adviser on the project "Technical Assistance for the Cold Storage Needs for Palm Dates Project in Morocco" IOS Partners, Inc. 2009_2012, USAID. Ministry of agriculture Morocco.
- TCDC Expert, Team Leader, Date Palm Production Expert FAO TCDC the project "Assistance to improve date palm production in Afar region Ethiopia TCP/ETH/3 201. 2008-2010.
- Date Production and biodiversity specialist to the project "Establishment of the research center on the date palm. First phase". UTFN/FAO/SAU/009, 23 July -23 October 2006. Alhassa Kingdom **Saudi Arabia**.
- TCDC Expert, Team Leader, Date Palm Production Expert FAO TCDC for the project "promotion of the date palm in the North of **Cameroon**" FAO/TCP/CMR/3003. Four missions (2005-2007).
- International Date Palm Production consultant for the Islamic bank of development (BID): project "Formulation of Date palm project for **the Republic of Djibouti**". 13 October- 21 November 2005.

PROFESSIONAL EXPERIENCE

- **From 1995 until now, present status:** Professor on the University Mohammed 1st, Faculty of Sciences, Department of Biology, Oujda, Morocco.
- **2008- 2012**, Project coordinator on project "dates conservation", 2008-2012 CUD University Commission for Development -UMP. UMP P2;
- **2003-2007** Project coordinator "date palm production and protection in Figuig oasis", CUD -UMP. UMP P1 ,
- **2009-2011** Project on valuation of dates: study of drying proceeds of dates. Morocco-Tunisia cooperation (34MT/08).
- 2009_2011 Project coordinator Modeling of the Growth, the Architecture of *Phoenix dactylifera* (MOCAF-Phoenix) M09 / 01 . (Tuni**1999/2000 Postdoctoral Formation** at the International Center of Cooperation in Agronomic Research for the Development (CIRAD), Montpellier, France.
- **1997/1999 Participation** project "Modeling of culture systems for the reconstitution of Moroccan oases". PRAD/97/27.
- **From 1989 to 1993. Research-worker** in National Institute of the Agronomic Research (INRA), Date palm program, where I have prepared Post Bachelor degree and Doctorate Thesis.sia, France, Italy and Algeria)

UNIVERSITARY & DOCTORAL FORMATION

- 2002, Ph.D., Faculty of Sciences-Semlalia, University Cadi Ayyad, Marrakech, Morocco.
- 1993, Doctorate Thesis, University Cadi Ayyad, Faculty of Sciences-Semlalia, Marrakech, Morocco.
- 1989, Post Bachelor's degree in Biology (C.E.A), University Cadi Ayyad, Faculty of Sciences Semlalia, Marrakech, Morocco.
- 1987-1988 Bachelor's degree Plant Biology, University Cadi Ayyad Faculty of Sciences-Semlalia Marrakech, Morocco.

COMMUNICATIONS

- **Elhoumaizi, M.A.** & Saaidi, M. 1992. Extension of date palm in arid zones 1st Maghrebian seminary on biology and ecology of arid zones. 26 to 30 April 1992. Naama, Algeria.
- **Elhoumaizi, M. A.** & Saaidi, M. 1992. Study of the morphological variability of vitroplants of three date palm cultivars (*Phoenix dactylifera L.*). Sixth Scientific Arabic Symposium for Biological Science and the third Jordanian symposium for Biological Science. 24- 27 October 1992. Oman, Jordan.
- **Elhoumaizi, M.A.** & Saaidi, M. 1993. Morphological identification of date palm (*Phoenix dactylifera L.*). 1-Morphological characters of vegetative system. XV International Botanical Congress Tokyo. August 28- September 3, 1993. Yokohama, Japan.
- **Elhoumaizi, M.A.** & Saaidi, M. 1993. Preliminary results on the heat needs of the date palm and the horizons to enlarge its culture. Proceedings of the Third symposium of the date palm in Saudi Arabia. January 17- 20, 1993. 284-292.
- **Elhoumaizi, M.A.**, Saaidi, M. & Ameziane Elhassanie, A. 1998. Phylogenetic resources of the date palm: Morphological identification. date palm seminar organized by the Network Arabic of date palm, February 16- 18 1998, INRA Marrakech, Morocco.
- **Elhoumaizi, M.A.** , Zirrari, A., Dolle, V., Dauzat, J. Lecoustre, R., Jaeger, M. & Oihabi. 2000. Modeling of the architecture of the date palm Methodology and Applications International symposium on date palm, February 20-25 2000, Windhoek, Namibia.
- **Elhoumaizi M.A.** 2004. Date marketing in Morocco situation and future challenge. Workshop: date processing, marketing and the utilization of date palm by products in the Arab region, present and views for the future. June 8-10 2004. El Medina Al-Monaurah, Kingdom of Saudi Arabia.
- **Elhoumaizi M.A.**, Lecoustre R. & Dauzat J. 2004. Modélisation et simulation du bilan radiatif au milieu oasien Meeting international « aridoculture et culture oasiennes: voies pour un développement durable en zones arides » 22-25 Novembre 2004. Djerba (Tunisie).
- **Elhoumaizi M.A** 2006. Date palm production and marketing in Morocco. International conference on date palm production and processing technology. Muscat, Oman 9-11 may 2006.
- **Elhoumaizi M.A** 2006. Palmeraie marocaine ses contraintes et ses atouts de développement. Colloque international : l'environnement oasien face aux mutations économiques et sociales » Figuig 24 et 25 avril 2006.
- Lecoustre R., Griffon S., Jaeger M. and **Elhoumaizi MA** 2007. Modelling and Simulating the Architecture and Growth of Arecaceae. Workshop on Assessment of Date Palm Diversity 26 - 28 February 2007 at AlHassa.
- **Elhoumaizi M.A.** Date palm biodiversity in Morocco. Workshop on Assessment of Date Palm Diversity 26 - 28 February 2007 at AlHassa.
- Dauzat, J., **Elhoumaizi, M.A.**, Rounsard, O., Lamada, N., Laurans, M., Lecoustre, R., 2007. Using computerized date palms for simulating light availability for under

crops in oasis agrosystems. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5- 8/05/2007, King Faisal University, Al Hassa, Arabie Saoudite.

- **Elhoumaizi, M.A.**, Lecoustre, R., 2007. Date palm architecture. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5-8/05/2007, King Faisal University, Al Hassa, Arabie Saoudite.

- Lecoustre, R., de Reffye, P., **Elhoumaizi, M.A.**, Dauzat, J., 2007. Modeling of plant architecture application to perennial plants. Particular case of Palmaceae.. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5-8/05/2007, King Faisal University, Al Hassa, Arabia Saoudite.

PUBLICATIONS

1. **Elhoumaizi MA**, Panchanoor. S. Devanand, Jinggui Fang and Chih-Cheng T. Chao. Confirmation of 'medjool' date as a landrace variety through genetic analysis of 'medjool' accessions in Morocco. Journal of the American Society for Horticultural 2006, vol. 131, no3, pp. 403-407
2. **Elhoumaizi, M.A.**, Saaidi, M. Oihabi A. & Cillas C. 2002. Phenotypic diversity of date palm cultivars (*Phoenix dactylifera*) from Morocco. Genetic resources and crop evolution.49.5.483 -490.
3. **Elhoumaizi M.A.**, Lecoustre R. & Oihabi A. 2002. Phyllotaxis and handedness on date palm (*Phoenix dactylifera L.*). Fruits.57.5-6. 297-303.
4. **Elhoumaizi, M.A.**, Saaidi, M. & Baaziz, M.1993. Morphometric and isoenzymatic study of six date palm cultivars cultivated in Marrakech and Zagora. Alawamia. 82.151-164.
5. **Elhoumaizi, M.A.**, Saaidi, M., Benchaabane, A. & Diaeddine, My. M.1993. Temperature and maturation of dates in Marrakech and Zagora. Alawamia. 82. 137-149.
6. Saaidi, M., Janati, A, **Elhoumaizi, M. A.** Chafik, My. S. & Ameziane Elhassani, A.1993. Contribution to the selection of date palm adapted to the climate of haouz plain. Alawamia. 82. 165- 176.
7. **Elhoumaizi, M.A.**, Oihabi, A. & Saaidi, M. 1998. Marrakech date palm groves: development's constraints and advantages. Special number of the dryness review (revue sécheresse) n° 2, volume 9 June 1997, 163-166.
8. Lecoustre R., Griffon S., Jaeger M., **Elhoumaizi M.A.** 2010. In : Aberlenc-Bertossi Frédérique (ed.). Biotechnologies du palmier dattier. Paris : IRD [Paris], p. 157-160. Séminaire du réseau AUF-BIOVEG "Biotechnologies du palmier dattier". 3, 2008-11-18/2008-11-20, Montpellier, France.
9. Dauzat, J., **Elhoumaizi, M. A.**, Roupsard, O., Lamada, N., Laurans, M., Lecoustre, R., 2007. Using computerized date palms for simulating light availability for under crops in oasis agro-systems. The Fourth Symposium on Date Palm, Al Hassa, Arabie Saoudite.
10. Dauzat, J., Elhoumaizi, M. A., Roupsard, O., Lamada, N., Laurans, M., Lecoustre, R., 2007. Using computerized date palms for simulating light availability for under crops in oasis agro-systems. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5-8/05/2007, King Faisal University, Al Hassa, Arabie Saoudite.
11. Elhoumaizi, M. A., Lecoustre, R., 2007. Date palm architecture. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5-8/05/2007, King Faisal University, Al Hassa, Arabie Saoudite.

- 12. Lecoustre, R., de Reffye, P., Elhoumaizi, M. A., Dauzat, J., 2007. Modeling of plant architecture application to perennial plants. Particular case of Palmaceae.. The Fourth Symposium on Date Palm. Al Hassa : The Fourth Symposium on Date Palm, 5-8/05/2007, King Faisal University, Al Hassa, Arabie Saoudite

Contributions to books:

- IPGRI et INRA Algeria, INRA Morocco & INRA Tunisie, FEM, PNUD (2006) : Date palm descriptors (*Phoenix dactylifera L.*). 71p.
- Abdesselam MAÂTOUGUI MAATOUGUI , Mohamed ACHERKOUK, Moussa EL FADILI et Mohammed Aziz ELHOUMAIZI 2011: Les Pâturages Steppiques de l'Oriental Marocain : L'essentiel sur l'état de dégradation actuel et les voies d'amélioration

MEMORY AND THESIS:

- "The bio-ecological study of the morphology and the fructification of date palm (*Phoenix dactylifera L.*) at Marrakech and Zagora" memory of Post bachelor degree. 1989, Faculty of Sciences-Semlalia, University Cadi Ayyad, Marrakech, Morocco.

- "Research of the morphological discriminate criteria for the characterization of date palm cultivars (*Phoenix dactylifera L.*) in Morocco", Doctorate Thesis, 1993 Faculty of Sciences-Semlalia, University Cadi Ayyad, Marrakech, Morocco.

- "Architectural modeling of the date palm (*Phoenix dactylifera L.*) and simulation of radiative transfers in oases" Ph.D., 2002, Faculty of Sciences-Semlalia, University Cadi Ayyad, Marrakech, Morocco.

HONORS AND AWARDS

- Grand Prix Hassan II for the invention and the .research in the agricultural domain 2003.
- Short -term fellowship TWAS/ ICSU/UNESCO 2001-2002.
- Fellowship, Grantee FIS, D1/3927.
- Fellowship, Grantee CIRAD. 19/07/2001 - 15/09/2001.
- Fellowship, Grantee AUPLEF 01/02/2000 - 30/04/2001.

MEMBER OF THE FOLLOWING ORGANISATIONS

- Network of improvement of agricultural productivity in arid area.
- Arid lands Information Network.
- Regional Research Network for the Mediterranean Basin and subtropical Africa.
- Date palm global network.
- Network IPTS.
- Agricultural biotechnology network in Africa.
- The European Network of Palm Scientists (EUNOPS).
- Plate-forme of agrobiodiversity .
- Réseau international des arbres tropicaux (RIAT).
- Inter-réseaux Développement rural
- Biotechnologies végétales : amélioration des plantes et sécurité alimentaire
- Environnement et développement durable
- Génie des procédés appliqué à l'agroalimentaire

COMPUTER SKILLS:

MS Office Applications (MS word, Excel, PowerPoint, Access), internet, Statistical (Statitcf, win stat, statistica and SPSS)

LANGUAGES

- Arabic: mother language.
- French
- English