

Imed BEN AISSA (Associate Researcher)

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Research Identities

- WOS ResearcherID:H-6229-2018
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- Scopus Author ID:57034148000
- SciProfiles:2987209
- AD Scientific Index ID:4490501
- Researchgate:<https://www.researchgate.net/profile/Imed-Ben-Aissa>
- G.scholar:https://scholar.google.com/citations?hl=fr&user=EMaRcXIAAAAJ&view_op=list_works&sortby=pubdate

Short Biography

Imed Ben Aissa. (male) is working as Researcher at the CRRHAB of Chott-Mariem since 2007. He is specialized in on-farm irrigation scheduling and crop water requirements. From 2003 to 2006 he has worked as researcher at INRGREF-Tunisia and charged to work on Kebili date-palm oases. Actually, he is involved in some research programs and carries out research activities mainly on crop water requirement and irrigation scheduling for trees and vegetable crops (under open-field and greenhouse conditions) using precision monitoring tools and modeling. He has participated in international and national projects focusing on water and salt management and irrigation scheduling. Actually, Imed Ben Aissa is member of the research Laboratory titled "Production and Protection for Sustainable Horticulture (2PHD) - LR21AGR03 (code of the Lab at Sousse University)

Professional Preparation (Academic Education)

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| Higher School of Horticulture Ch.Mariem-Tunisia | Horticulture | Engineer Diploma, 1994 |
| National Agronomic Institute of Tunisia | Horticultural Sciences | Specialization degree, 2000 |
| SupAgro-Montpellier, France | Soil, Water&Environment. | R.M.Sc., 2006 |
| AgroParisTech, ABIES, France | Water&Environment | Ph.D. work, 2007-2009 |

Appointments (Professionnel experience)

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| 2007-Present | Associate Researcher, Irrig. & Crop water needs, Regional Centre of Resear. on Hort. and Organic Agric., Tunisia |
| 2003-2007 | Associate Researcher, Irrig. & Crop water needs, Nat. Res. Inst. for Rural Eng. Water and Forestry, Tunisia |
| 2001-2002 | Contract Engineer (Development), Agric. water saving. Agric. Investment Promotion Agency (APIA, Ministry of Agric.), Tunisia |
| 1999-2001 | Contract Engineer (of Research), Plant-Water relations. National Research Inst. for Rural Eng. Water and Forest, Tunisia |

Scientific Production and Publications (Peer-Reviewed papers and chapters)

- Ben Aissa I.**, El Amri A., Ben Salah N., and Ghannem A., **2024** - Deficit Irrigation Strategies and Biochar Amendment Combination to Enhance Fruit Quality and Water-Use-Efficiency of an Eggplant Summer Crop. In: Ksibi M. et al. (eds) *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions (4th Edit.)*. Advances in Science, Technology & Innovation,. Springer Nature Switzerland AG 2024. https://doi.org/10.1007/978-3-031-51904-8_97
- Ahlem, B.S., **Imed, B.A.**, Sana, Z. et al., **2023** - Variation of Osmolytes, Photosynthetic Pigments, Growth, Water Status and Gas Exchange in Green Kohlrabi under Drought and Rehydration Conditions. *Russ J Plant Physiol* 70, 46 (2023). <https://doi.org/10.1134/S102144372360006X>. WOS:000994284400020.
- Ammar, A., Ben Aissa, I., Zaouay, F., Gouiaa, M., Mars, M. (2023). Physiological Behaviour of Fig Tree (*Ficus carica* L.) Under Different Climatic Conditions. In: Ramadan, M.F. (eds) *Fig (Ficus carica): Production, Processing, and Properties*. Springer, Cham. https://doi.org/10.1007/978-3-031-16493-4_10
- Aroua Ammar, **Imed Ben Aissa**, Mohamed Gouiaa, Messaoud Mars, **2022** - Fig (*Ficus carica* L.) vulnerability to climate change: Combined effects of water stress and high temperature on ecophysiological behaviour of different cultivars. *South African Journal of Botany*, Volume 147: 482-492. <https://doi.org/10.1016/j.sajb.2022.02.014>. WOS:000788828000005
- Ghannem Amal, **Ben Aissa Imed**, Majdoub Rajouene, **2021** - Effects of regulated deficit irrigation applied at different growth stages of greenhouse grown tomato on substrate moisture, yield, fruit quality, and physiological traits. *Environ Sci Pollut Res Int.*, 2021 Sep;28(34):46553-46564. doi: <https://doi.org/10.1007/s11356-020-10407-w>. WOS:000559954300021
- Ghannem Amal, **Ben Aissa Imed**, Majdoub Rajouene (2021). Effects of Regulated Deficit Irrigation (RDI) Applied at Different Growth Stages of Greenhouse Tomato on Yield and Fruit Quality. In: Ksibi M. et al. (eds) *Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions (2nd Edition)*. EMCEI 2019. Environmental Science and Engineering. Springer, Cham. https://doi.org/10.1007/978-3-030-51210-1_182
- Ammar A., **I. Ben Aissa**, M. Mars and M. Gouiaa, **2020** - Seasonal variation of fig tree (*Ficus carica* L.) physiological characteristics reveals its adaptation performance. *South African Journal of Botany* 132, 30-37. doi: [10.1016/j.sajb.2020.04.020](https://doi.org/10.1016/j.sajb.2020.04.020). WOS:000554733400004
- Ammar A., **I. Ben Aissa**, M. Mars and M. Gouiaa, **2020** - Comparative physiological behavior of fig (*Ficus carica* L.) cultivars in response to water stress and recovery. *Scientia Horticulturae* 260, 108881. doi:[10.1016/j.scienta.2019.108881](https://doi.org/10.1016/j.scienta.2019.108881). WOS:000496896500018
- Ben Aissa, I.**, Bouarfa, S., Roupsard, O., Majdoub, R., **2019** - Is it true that date-palm consumes a lot of water?. *Inter. J. of Agric., Envir. and Food Sci.*, 3 / 2 (April 2019): 62-67. doi:[10.31015/jaefs.2019.2.3](https://doi.org/10.31015/jaefs.2019.2.3)
- Ghannem A., **Ben Aissa I.**, Cetin M., Majdoub M., **2019** - Assessing salt accumulation in the root zone of tomato plant through using ordinary kriging interpolation technique under deficit irrigation regime. *M.K.U. Journal of Agricultural Sciences* 24 (Special Issue):120-127.
- Abidi H., Rana S., Chaouch W., Azouz B., **Ben Aissa I.**, Mars M., Ben Hassen M., Fangueiro R., **2019** - Accelerated weathering of textile waste nonwovens used as sustainable agricultural mulching. *Journal of Industrial Textiles*, Sage Pub., doi: [10.1177/1528083719855326](https://doi.org/10.1177/1528083719855326). WOS:000612478900008
- El Khoumsi W., Hammani A., Bouarfa S., Bouaziz A., **Ben Aïssa I.**, **2017** - Contribution de la nappe phréatique à l'alimentation hydrique du palmier dattier (*Phoenix dactylifera*) dans les zones oasiennes. *Cahiers Agriculture*, 26: 45005 " Les oasis en Afrique du Nord : dynamiques territoriales et durabilité des systèmes de production agricole" doi: [10.1051/cagri/2017032](https://doi.org/10.1051/cagri/2017032). WOS:000409879700005
- Borgi Z., Maatallah S, Hajlaoui H., et **Ben Aissa I.**, **2015** - Etude des comportements agrophysiologiques de la pastèque (*Citrullus lanatus* L.) et d'un porte greffe du commerce sous conditions de stress salin. *Annales de l'INRGREF* 20, 33-49
- Hachicha M. and **Ben Aissa I.**, 2014 - Managing Salinity in Tunisian Oases. *Journal of Life Sciences*, ISSN 1934-7391, USA, Sept. 2014, Vol. 8, No. 9, pp. 775-782. doi:[10.17265/1934-7391/2014.09.007](https://doi.org/10.17265/1934-7391/2014.09.007).

- Ben Aïssa I.**, Bouarfa S., Vincent B., Chaumont C. and Perrier A., **2013** - Drainage performance assessment in a modernized oasis system. *Irrig. and Drain.*, 62: 221–228. [doi:10.1002/ird.1710](https://doi.org/10.1002/ird.1710). WOS:000317861700009
- Bouarfa S., Marlet S., Douaoui A., Hartani T., Mekki I., Ghazouani W., **Ben Aïssa I.**, Vincent B., Hassani F., Kuper M. **2009** - Salinity patterns in irrigation systems, a threat to be demystified, a constraint to be managed: Field evidence from Algeria and Tunisia. *Irrig. and Drain.*, 58 SI3 (p S273-S284). [doi: 10.1002/ird.524](https://doi.org/10.1002/ird.524). WOS:000268466200005
- Gouta H., Chaabouni A., Ghrab M., **Ben Aïssa I.**, Ben Mimoun M., Hellali R., **2002** – Preliminary results on the effects of different Pistacia species pollen on fruit characteristics of two commercial cultivars ‘Mateur’ and ‘El Guetar’. *ISHS Acta Horticulturae 591*: III International Symposium on Pistachios and Almonds. doi: [10.17660/ActaHortic.2002.591.62](https://doi.org/10.17660/ActaHortic.2002.591.62). WOS: 000180267300062
- Ben Aïssa I.**, Nasr Z., Ben Mechlia N., **2000** – Evaluation de la transpiration du Pommier en verger par la mesure thermique du flux de sève brute. Séminaire sur l'économie en eau d'irrigation. Journées Scientifiques de l'INRGREF. Hammamet, 14-16 novembre 2000. *Annales de l'INRGREF*, n° spécial "Economie de l'eau en irrigation", INRGREF/Cemagref (eds), 232 pp, ISSN:1737-0515. p155-167, 2000.
- Nasr Z., **Ben Aïssa I.**, Ben Mechlia N., **1999** – Estimation de la transpiration de pommiers sous climat semi-aride, par la mesure du flux de sève brute. *Fruits* (54), p271-276. <https://revues.cirad.fr/index.php/fruits/article/view/35668>

Scientific Production and Publications (Presentations, Abstracts, & Reports)

- A. Laarif, **I. Ben Aïssa**, M. Mansour, H. Jeder, T. Bouslama, and A. Navarro Garcia, **2024**. Innovative Greenhouse Support System in the Mediterranean Region: efficient fertigation and pest management through IoT based climate control (iGUESSmed) - Case study in Tunisia. *Paper 963, oral presentation by slides and abstract*. 6th Euro-Mediterranean conference for environmental integration (EMCEI-24). Marrakech-Morocco, 15–18 May 2024.
- Imed Ben Aïssa**, Asma El Amri, Nadia Ben Salah, Amal Ghannem, **2022**. Combined Effect of PRD Deficit Irrigation and Biochar Amendment on an Open-field Eggplant Crop with a Focus on Soil Moisture, Water Use Efficiency and Fruit Quality Traits improvement. *Paper 764, oral presentation by poster and abstract*. 4th Euro-Mediterranean Conference for Environmental Integration (EMCEI-22), Sousse, Tunisia, 01–04 November 2022
- Imed Ben Aïssa**, Asma Hadj Sghaier, Mohsen Mansour, Amal Ghannem, **2022**. Estimating Reference Evapotranspiration under Monotunnel Plastic Greenhouses in a Coastal Tunisian Region by using ETgage Atmometer, Class-A Evaporation Pan and Agrometeorological Models. *Paper 774, oral presentation by slides and abstract*. 4th Euro-Mediterranean Conference for Environmental Integration (EMCEI-22), Sousse, Tunisia, 01–04 November 2022
- Imed Ben Aïssa**, Hajer Belkhiria, **2022**. The irrigation water magnetization as a "green" biofouling prevention tool for micro-irrigation drippers in case of organic agriculture cropping mode. *Paper 775, oral presentation by slides and abstract*. 4th Euro-Mediterranean Conference for Environmental Integration (EMCEI-22), Sousse, Tunisia, on 01–04 November 2022
- Ben Sassi A., Zerai S., **Ben Aïssa I.**, Mastouri M., Mars M., 2021 - Effect of Osmotic Stress on Germination, Seedling Growth and Physiological Parameters of *Brassica oleracea* L. *Oral presentation by slides and full text paper*. In: MESMAP – 7, ABSTRACTS & PROCEEDINGS BOOK. 18– 20 November 2021, Turkey. ISBN: 978-605-61261-9-2 (PDF), pp219-233. www.mesmap.com
- Ghannem A., **Ben Aïssa I.**, Cetin M., Majdoub R., **2019** - Assessing Salt Accumulation in the Root Zone of Tomato Plant Through Using Ordinary Kriging Interpolation Technique Under Deficit Irrigation Regime. *Oral Presentation by slides and abstract*. In: The 1st International Congress on Biosystems Engineering (ICOBEN2019), Proceedings E-Book, Antakya, Hatay, Turkey (<http://icoben2019.mku.edu.tr/>), 24-27 September 2019, ISBN: 978-975-7989-67-7, pp. 90.
- Ben Aïssa Imed**, Ghannem Amal, Majdoub Rajouene (2019). Effects of Regulated Deficit Irrigation (RDI) Applied at Different Growth Stages of Greenhouse Tomato on Yield and Fruit Quality. *Paper 775, oral*

presentation by slides and abstract. 2nd Euro-Mediterranean Conference for Environmental Integration (EMCEI-19), Sousse, Tunisia, on 10–13 October 2019.

- Ammar A., **I. Ben Aïssa**, M. Mars and M. Gouiaa, **2018**. Photosynthetic responses of fig (*Ficus carica* L.) plants to water stress and recovery. *Poster presentation*, 2^{èmes} J. Sci. ED "Agronomie et Environnement", JSAE 2018: 7-8 Nov. 2018, ISA-CM, Sousse.
- Ghannem A., **Ben Aïssa I.**, Majdoub R. (**2018**) - Soil moisture, water use efficiency and fruit quality of greenhouse's tomato under partial root zone drying and conventional sustained deficit irrigation regimes. *Oral presentation by Poster and abstract.* In: Proc. 14th Tunisia-Japan Symposium on Science, Society and Technology (TJASSST 2017) 24-26 Nov. 2017, Gammarth, Tunisia. pp165-168.
- Ammar A., **Ben Aïssa I.**, Mars M. and Gouiaa M. (**2018**) - Net gas exchange of fig (*Ficus carica* L.) cultivars under drought stress. *Oral presentation by Poster and abstract.* In: Proc. 14th Tunisia-Japan Symposium on Science, Society and Technology (TJASSST 2017) 24-26 Nov. 2017, Gammarth, Tunisia. pp145-148.
- Ghannem A., **Ben Aïssa I.**, Majdoub R. (**2018**) - Etude de l'état hydrique du sol sous séchage partiel de la zone racinaire et irrigation déficitaire conventionnelle appliquées sur une culture de tomate sous serre au Sahel Tunisien. *Oral presentation by slides and ext. abstract.* In: Proc. Scientific Days of Medjerda "SDMed2017" 25-27 Oct. 2017, Medjez Elbeb, Tunisie, pp 202-211.
- Abidi H., Rana S., Chaouch W., Azouz B., **Ben Aïssa I.**, Mars M., Ben Hassen M., Fanguero R., **2017** - BIODEGRADABLE STRUCTURES BASED ON NATURAL FIBERS USED FOR AGRICULTURAL APPLICATIONS. *Oral presentation by Poster and abstract.* 3rd INT. CONF. ON NAT. FIBERS, Advanced Materials for a Greener World. Braga/Portugal, 21-23 June 2017.
- BOUAZIZ M., ABIDI H., **BEN AÏSSA I.**, AZZOUZ B. et. BEN HASSEN M., **2015** - ETUDE DES PERFORMANCES D'UN PAILLAGE TEXTILE BIODEGRADABLE POUR USAGE EN CULTURE BIOLOGIQUE. *Oral presentation by Poster and abstract.* X^{ème} Congrès International "Qualité des Produits et de l'Environnement: Traitement, Valorisation des Rejets et Effets sur la Santé Humaine". 10-12 avril 2015, Mahdia, Tunisie.
- Ben Aïssa I.**, Mansour M., **2011** - Agriculture in Tunisia: The challenge between water resources and climate. *Oral presentation by slides and ext. abstract.* In: KAFACI – The 1st On-the-Job Training, Jeju Iland Workshop on Agriculture Development in African Countries, 2011, June 30, Jeju - South Korea.
- Ben Aïssa I.**, Cho Jung Gun, **2011** - Vulnerability and impact of climate change on Pear (*Pyrus communis* L.) production in Tunisia with an emphasis on the Centre-East region. *Oral presentation by slides and full text* of a Research Project Proposal elaborated in the frame of KAFACI program. International Technology Cooperation Center (ITCC), Rural Development Administration (RDA), 2011, August 2nd, Suwon, Republic of South Korea.
- Ben Aïssa I.**, Bouarfa S., Perrier A., Rouspard O., **2010**. Is the date palm tree a great consumer of water? Assessing date-palm water use by a heat-dissipative sap flow measurement in a Tunisian Saharan oasis. *Oral presentation by slides and ext. abstract.* Doctoriales de l'UMR G-EAU – Montpellier, 15-18 décembre 2010.
- Vincent B., **Ben Aïssa I.**, Belouazni A., Taki A., Hammani A., Hartani T., Bouarfa S., **2010** - Drainage design practices in irrigated agriculture; New concepts gained from recent experiences in three countries of Maghreb, North Africa. *Oral presentation by slides and ext. abstract.* In: 9th International Drainage Symposium held jointly with CIGR and CSBE/SCGAB Proceedings, 13-16 June 2010 IDS-CSBE-100228. Published by the American Society of Agricultural and Biological Engineers, St. Joseph, Michigan www.asabe.org.
- Ben Aïssa I.**, Bouarfa S., Vincent B., Chaumont C., Bahri A., **2010** - Quel drainage artificiel pour les oasis du Nefzaoua ?. *Oral presentation by slides and ext. abstract.* In: Marlet S. (ed.), Mekki, I. (ed.). Actes de l'atelier Sirma «Gestion des ressources naturelles et développement durable des systèmes oasiens du Nefzaoua». [Cd-Rom], Montpellier : CIRAD, 25 - 27 février 2009, Douz – Tunisie.
- Marlet S., **Ben Aïssa I.**, Bouarfa S., Bouksila F., Ghazouani W. et Mekki I., **2010** - Evaluation et gestion de la salinité sur le périmètre oasien de Fatnassa. *Oral presentation by slides and ext. abstract.* In: Marlet S. (ed.), Mekki, I. (ed.). Actes de l'atelier Sirma «Gestion des ressources naturelles et développement

durable des systèmes oasiens du Nefzaoua». [Cd-Rom], Montpellier : CIRAD, 25 - 27 février 2009, Douz – Tunisie..

- Ben Aïssa I.,** Bouarfa S., Ghazouani W., Hartani T., Fusillier J.L., Kuper M., et al., **2009** - Gestion de la salinité en systèmes irrigués : adaptations des exploitations agricoles et évolution du milieu. *Oral presentation by slides and ext. abstract*. In: T. Hartani, A. Douaoui, M. Kuper, (éditeurs scientifiques) 2009. Economies d'eau en systèmes irrigués au Maghreb. Actes du quatrième atelier régional du projet Sirma, Mostaganem, Algérie, 26-28 mai 2008. [Cd-Rom]. Montpellier : CIRAD. Atelier Régional du Projet Sirma. 4, 2008-05-26/2008-05-28.
- Ben Aïssa I.,** Bouarfa S., Perrier A., **2009** - Utilisation de la mesure thermique du flux de sève pour l'évaluation de la transpiration du palmier dattier. *Oral presentation by slides and full-text paper*. In: T. Hartani, A. Douaoui, M. Kuper, (éditeurs scientifiques) 2009. Economies d'eau en systèmes irrigués au Maghreb. Actes du quatrième atelier régional du projet Sirma, Mostaganem, Algérie, 26-28 mai 2008. <http://hal.archivesouvertes.fr/SIRMA2008/fr/>.
- Ben Aïssa I.,** Nasr Z., **2009** – Modélisation de l'évapotranspiration d'un verger de pommier sous restriction hydrique. *Oral presentation by slides and full-text paper*. In: Actes du séminaire international sur l'exploitation des ressources en eau pour une agriculture durable. Hammamet, 21-22 novembre 2007, Tunisie. Edition scientifique par INRGREF, 2009.
- Marlet S., Bouksila F., Mekki I., **Ben Aïssa I.,** **2007** - Fonctionnement et qualité des eaux de la nappe de l'oasis de Fatnassa Nord - Arguments géochimiques. *Oral presentation by slides and full-text paper*. In : Actes du 3ème atelier régional scientifique et technique du Projet Sirma. 04-08 juin 2007 – Nabeul, Tunisie. <http://hal.cirad.fr/cirad-00259769/fr/>.
- Ben Aïssa I.,** **2006** - Evaluation de la performance d'un réseau de drainage enterré au sein d'une oasis modernisée du sud tunisien : Cas de l'oasis de Fatnassa Nord à Kébili (Tunisie). Mémoire de Master de Recherche "Terre, Eau et Environnement", AgroM-UM2, Montpellier, France, 119 pp + Annexes.
- Ben Aïssa I.,** Bouarfa S., Bouksila F., Bahri A., Chaumont C., Vincent B., **2006**. Fonctionnement du drainage au sein d'une oasis modernisée du sud tunisien : Cas de l'oasis de Fatnassa Nord à Kébili (Tunisie). *Oral presentation by slides and full-text paper*. In : Actes du 2ème atelier régional scientifique et technique du Projet Sirma (Economies d'eau en Systèmes IRrigués au Maghreb). 29-31 mai 2006 – Marrakech, Maroc. <http://hal.cirad.fr/cirad-00271003/fr/>.
- Ben Aïssa I.,** Bouksila F., Bahri A., Bouarfa S., Chaumont C., Hichri W., **2004**. Gestion de l'eau et des sels au sein d'une oasis du Sud tunisien. *Oral presentation by slides and full-text paper*. In : Proc. Seminar "La Modernisation de l'Agriculture Irriguée", Project INCO-Wademed, Knowledge base on water demand management in the Mediterranean countries (<http://www.wademed.net/>), Ed. Hammani, A., Kuper, M. and Debbarh, A., pp. 312-322. Rabat, Maroc (2004). <http://hal.cirad.fr/cirad-00188172/fr/>.
- Gouta H., **Ben Aïssa I.,** Chaabouni A., Ghrab M., Ben Mimoun M., Hellali R., **2001** – Preliminary results on the effects of different Pistacia species pollen on fruit characteristics of two commercial cultivars 'Mateur' and 'El Guetar'. *Oral presentation by slides and full-text paper*. In: *IIIrd International Symposium on Pistachios and Almond*. XII Grempa colloquium. May 20-25, 2001, Zaragoza, Spain.
- Ben Aïssa I.,** **2000** – Etude de la conséquence d'une restriction hydrique sur la transpiration, la croissance et le comportement productif du Pommier. *Oral presentation by slides and abstract*. In : Actes des 7èmes journées nationales sur les acquis de la recherche agricole. IRESA (2000), Nabeul, 24-25 novembre 2000.
- Ben Aïssa I.,** **2000** – Etude de la conséquence d'une restriction hydrique sur la transpiration, la croissance et le comportement productif du Pommier. Rapport de mémoire de fin d'études du cycle de spécialisation de l'INAT, 126pp + Annexes. juillet 2000.
- Yakoubi Tej M., Ksontini M., **Ben Aïssa I.,** Rejeb M.N., Issaoui H., **2000** – Jusqu'où représente la conservation *insitu* et *exsitu* des ressources naturelles la meilleure solution de conservation de la biodiversité?. *Oral presentation by slides and abstract*. In: Actes des 7èmes journées nationales sur les acquis de la recherche agricole. IRESA (2000), Nabeul, 24-25 novembre 2000.
- Yakoubi Tej M., Ksontini M., **Ben Aïssa I.,** Rejeb M.N., **2000** – Rôle des parcs nationaux dans la protection de la biodiversité végétale en Tunisie : cas des parcs d'Elfeija et Bouhedma. *Oral presentation by slides and full-text paper*. In: Actes du deuxième congrès arabe sur la recherche scientifique et son rôle dans la

conservation de la biodiversité dans les pays arabes, IRA Mednine, 15 au 17 mai 2000. (*Edité par l'IRA Médenine*)

Nasr Z., Ben Mechlia N., **Ben Aïssa I., 1997** – Flux de sève des arbres et transpiration moyenne d'un verger. *Oral presentation by slides and abstract*. In: Actes des 4^{èmes} journées nationales sur les acquis de la recherche agricole. IRESA (1997).

Ben Aïssa I., 1995 – Comportement et Mécanismes d'Adaptation de la Tomate en Milieu Salin. Rapport de travail d'initiation à la recherche (cycle de spécialisation de l'INAT), INAT, 26 p.

Ben Aïssa I., 1994 – Contribution à l'analyse biochimique de quelques miels tunisiens. Rapport de mémoire de fin d'études du cycle Ingénieur de l'ESH Chott Mariem, 80 p. juin 1994.

Research Projects (Coordination and/or Participation, most recent 5 projects)

- **CléProD (project team member)**: Sustainable and integrated management of protected vegetable crops in the Center east of Tunisia: Local PRM research project funded by IRESA, Tunisian Ministry of Agriculture, Water Resources and Fisheries, (MAWRF). Coordinated by Asma LAARIF (CRRHAB). Duration 36 months, (2016-2018)

- **CONEVAL-Fruits (project team member)**: Conservation and Evaluation of Fruit crops (Fig, Pomegranate and Vines) in Tunisia: Local PRM research project funded by IRESA, Tunisian Ministry of Agriculture, Water Resources and Fisheries (MAWRF). Coordinated by Messaoud MARS (CRRHAB). Duration 36 months, (2016-2018)

- **ASID_Sous-serre (project coordinator)**: Adoption of the deficit irrigation strategies to improve the water use efficiency of under-greenhouse and open-field vegetable crops. Local PARAR research project funded by IRESA, Tunisian Ministry of Agriculture, Water Resources and Fisheries, (MAWRF). Coordinated by Imed BEN AÏSSA (CRRHAB). Duration 36 months (2018-2020)

- **AIDE_Grenade (project coordinator)**: Adoption of the deficit irrigation strategies to improve the water use efficiency of pomegranate orchards. Local PARAR research project funded by IRESA (Tunisian Ministry of Agriculture, Water Resources and Fisheries, (MAWRF). Coordinated by Imed BEN AÏSSA (CRRHAB). Duration 36 months (2021-2023)

- **iGUESSmed PRIMA (project team member)**: iGuessMed is a PRIMA (Partnership for Research and Innovation in the Mediterranean Area) project, relates to the Call: Section 1 – Farming Systems 2019 and belongs to the IA – Topic 1.2.2: “Sustainability and competitiveness of Mediterranean greenhouse and intensive horticulture” <https://www.iguessmed.com/>. Coordinated by Alejandra NAVARRO (CREA, Italy). Duration 48 months, (2020-2024)

Other Main Synergistic Activities

Member of the Scientific Board of the Regional Research Center on Horticulture and Organic Agriculture (CRRHAB), Chott-Mariem, Tunisia, since 2011.

Associate member of the “Non-conventional-Water Valorization” Research Laboratory (LR-VENC) at the National Research Institute for Rural Engineering, Water and Forestry (INRGREF), Tunis, Tunisia, 2014-2016.

Member of the “Integrated Horticultural Production in the Tunisian Central East” Research Unity at the Regional Research Center on Horticulture and Organic Agriculture (CRRHAB), Chott-Mariem, Tunisia, 2012-2018

Member of the “Water Management and Irrigation Systems” Research Laboratory at the National Research Institute for Rural Engineering, Water and Forestry (INRGREF), Tunis, Tunisia, 2003-2009

General Secretary of the Alumni Association of the Higher School of Horticulture (ESH) at Chott-Mariem - Tunisia, 2015-2016