* **PUBLICATIONS**

**Orcid Number: 0000-0003-4086-6901**

**Scopus (**[**https://www.scopus.com/authid/detail.uri?authorId=55881701800**](https://www.scopus.com/authid/detail.uri?authorId=55881701800)**)**

**Google scholar ( https://scholar.google.com/citations?user=wUbMlDsAAAAJ&hl=en)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*Books and chapters*

1. Olfa Mahjoub, Tha meur Chaibi, Shems Mohamed, (2021) Water Resources Availability and Quality in the North Africa Region under Climate Change, Climate Change and Water Resources in Africa. S. Diop et al. (eds) (doi:10.1007/978-3-030-61225-2), Chap3 29-54.
2. Thameur Chaibi, Mohamed Hassan, Endeshaw Bekele, Elly Sabiiti (2019), Opportunities and Challenges for Research on Food and Nutrition Security and Agriculture in Africa, Steering committee, Editor: Sheryl Hendriks, Network of African Science Academies (NASAC) – German Academy of Sciences Leopoldina and the German Federal Ministry of Education and Research (BMBF), 62 pages (http://nasaconline.org/wp-content/uploads/2018/05/NASAC-FNSA-Opportunities-and-challenges-for-research-on-food-nutrition-security-and-agriculture-in-Africa.pdf)
3. Daniel Olago, Cheikh Gaye, Thameur Chaibi, Salif Diop, Olfa Mahjoub, Manta Nowbuth, Peter Fritz, Sunita Facknath and Rivka Kfir(2014) , The Grand challenge of water security in Africa –Recommendations to policymakers, Editor: Daniel Olago, Network of African Science Academies (NASAC) – German Academy of Sciences Leopoldina and the German Federal Ministry of Education and Research (BMBF), 36 pages. (http://nasaconline.org/wp-content/uploads/2016/05/The-Grand-Challenge-of-Water-Security-in-Africa-Recommendations-to-Policymakers.pdf)
4. M. T. Chaibi and Mahjoub, O. (2013). Status and Development of Water Resources in Northern Africa - Quantitative and Qualitative Evaluation, In: Survey on the Status of Water in Africa. Network of African Science Academies (NASAC) – German Academy of Sciences Leopoldina Project 2012/2013 (ed).
5. Mahjoub, O. and M.T. Chaibi. (2013). The Sanitary System in Ancient Roman Civilization: An Insight on Tunisia", In: Evolution of Sanitation and Wastewater Technologies Through the Centuries, (Ed) A. N. Angelakis, P. Wilderer, and J. Rose. IWA-publishing Book. Chap 13, 269-281. (doi:10.2166/9781780404851)
6. M. Thameur Chaibi (2011), Greenhouse with Integrated Solar Desalination for Arid Regions -Process System and Development-, Eds LAP LAMBERT Academic Publishing, ISBN-13: 978-3-8465-2962-1, 196 pages (<https://www.lap-publishing.com/>)
7. Karim Bourouni, M. Thameur Chaibi, Ali Al Taee, (2011), Water Desalination by humidification and dehumidification of air, sweater greenhouse process, in Solar Energy Conversion and Photoenergy Systems, [Eds. Julian Blanco Galvez, SixtoMalato Rodriguez], in Encyclopedia of Life Support Systems(EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [<https://www.eolss.net/ebooklib/bookinfo/solar-energy-conversion-photoenergy-system-thermal-systems-desalination-plants.aspx>] , Vol IV, 63p
8. Karim Bourouni, M. Thameur Chaibi, (2009), Solar energy for application to desalination in Tunisia, description of a demonstration project, T.M. Mason and A. Mor (eds.) , Renewable Energy in the Middle East, (doi 10.1007/978-1-4020-9892-5\_8), © Springer Science + Business media B.V. 2009, Chap 8, 125-149
9. M.T. Chaibi, and Ali M. El-Nashar (2009), Solar Thermal Processes, A Review of Solar Thermal Energy Technologies, G. Micale et al. (eds.), Seawater Desalination, Green Energy and Technology, Springer-Verlag Berlin Heidelberg , Chap 6 (doi: 10.1007/978-3-642-01150-4

2. *Peer reviewed articles*

1. Jemai, N.; Soussi, M.; Chaibi, M.T. Opportunities for Implementing Closed Greenhouse Systems in Arid Climate Conditions.  *Horticulturae* 2022, *8*, 1102. https://doi.org/10.3390/horticulturae8121102
2. Soussi, M.; Chaibi, M.T.; Buchholz, M.; Saghrouni, Z. Comprehensive Review on Climate Control and Cooling Systems in Greenhouses under Hot and Arid Conditions. Agronomy 2022, 12:3, 626. https://doi.org/10.3390/agronomy12030626
3. Bagher Yousefi, Jenny Lindblom, Bo Nordell, Saeed Boroomand-Nasab, M. Thameur Chaibi; Field solution to produce irrigation-drinking water by condensation irrigation system from seawater. *Water Supply* 2022; ws2022163. <https://doi.org/10.2166/ws.2022.163>
4. Ahmed Musa, S.; Chaibi, T. Scanning climate change impacts on water resources of the largest African river basins. International Journal of River Basin Management 2000, 18:1, 33-38. DOI: [10.1080/15715124.2019.1576699](https://doi.org/10.1080/15715124.2019.1576699)
5. Thameur Chaibi (2020), Research priorities and actions for sustainable agriculture water management in MENA region. Desalination and water treatment 176:221-221 (doi:[10.5004/dwt.2020.25521](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.5004/dwt.2020.25521?_sg%5B0%5D=EZo3gPcte6095XmAmnNnJAkdD8aARzfoZRFCdZzJhOI0n6yvDILlZ3CxDCaBFOPDfqMjbIfCAM5_k6S115DwtT2WYw.-IDLaLIfizhuJv_9S3TdtEm3qDffdGiqrwxKn_2i8RiB9P3vC-iewTpmblJLakiDtuFbwMJ6wa7_ZafRA6zg8g))
6. Sheryl L. Hendriks, Endashaw Bekele, Thameur Chaibi, Mohamed Hassan, Douglas W. Miano and John H. Muyonga, 2021, The Role of Science, Technology, and Innovation for Transforming Food Systems in Africa. United Nations Food Systems Summit 2021 Scientific Group Scientific Group (<https://bonndoc.ulb.uni-bonn.de/xmlui/handle/20.500.11811/9149>)
7. Thameur Chaibi (2020), Contribution to provide well-researched information on the state of water resources in Tunisia for Fanack Water - <https://water.fanack.com/tunisia/>
8. W.Chouaieb , M. T. Chaibi (2014), Performance evaluation of condensation irrigation system under arid climate condition, International Journal of Energy Technology and Policy, Vol 12, (2), 145-160 (doi: 10.1504/IJETP.2014.066330)
9. M.T. Chaibi, K. Bourouni, M.M. Bassem, (2013) Experimental Analysis of the Performance of a Mechanical Geothermal Water-Cooling Tower in South Tunisia, American journal of Energy Research, 2013 (1),1-6. (doi: 10.12691/ajer-1-1-1)
10. M.T. Chaibi (2013) Thermal Solar Desalination Technologies for Small-Scale Irrigation, American journal of Energy Research, 2013 (2), 25-32. (doi: 10.12691/ajer-1-2-1)
11. B. Yousefi , S.Boroomandnasab and M. T. Chaibi (2012), Assessment of the Performance of Condensation Irrigation System: First Results, World Rural Observations 2012;4(3) (doi:[10.7537/marswro040312.02](http://www.dx.doi.org/10.7537/marswro040312.02))
12. Bourouni, K., Bassem, M.M. &Chaïbi, M.T. (2008) Numerical Study of Coupled Heat and Mass Transfer in a Geothermal Water Cooling Tower, Energy Conservation and Management, Volume 49, (5), 988-994. (doi: 10.1016/j.enconman.2007.10.003)
13. Bassem, M.M. ,M.T. Chaïbi, M.T, Bourouni, K., (2008) Les tours de refroidissement des eaux géothermales dans le sud tunisien : concepts et performances, Revue des régions arides (ISSN 0330-7956), 2008 (2), no21, pp. 497-508
14. Chaibi M.T. and Bourouni, K. 2007. Development of Solar Desalination Systems Concepts for Irrigation in Arid Areas Conditions, NATO Security through Science Series C: Environmental Security, 19-32. (doi: 10.1007/978-1-4020-5508-9\_2)
15. Bourouni, K. and Chaibi, M.T. 2007. Optimizing coupling small desalination to solar collectors: a case study. NATO Security through Science Series C: Environmental Security, 83-92 (doi: 10.1007/978-1-4020-5508-9\_6)
16. Chaibi, M.T.& T. Jilar, T. 2005. Effects of a Solar Desalination Module integrated in greenhouse Roof on Light Transmission and Crop Growth. Biosystems Engineering, Volume 90 (3), 319-330. (doi: 10.1016/j.biosystemseng.2004.12.001)
17. Bourouni, K. &Chaibi, M.T. 2004. Modelling of heat and mass transfer in horizontal-tube falling film condenser for brackish water desalination in remote areas. Desalination Journal, 166, 17-24. (doi: 10.1016/j.desal.2004.06.055)
18. Chaibi, M.T.&Jilar, T. 2004. System design, operation and performance of roof integrated desalination in greenhouses. Solar Energy Journal,76 (5), 545-561. (doi:10.1016/j.solener.2003.12.008)
19. Bourouni, K., Bouden, C. &Chaibi, M.T. 2003, Feasibility investigation of coupling a desalination prototype functioning by Aero-Evapo-Condensation with solar units, International Journal of Nuclear Desalination, 1 (1),116-131+ (doi:10.1504/IJND.2003.003448)
20. Chaibi, M.T. 2002, Validation of a Simulation Model for Water Desalination in a Greenhouse Roof through Laboratory Experiments and Conceptual Parameter Discussions, Desalination journal,142 (1),65-78 (doi: 10.1016/S0011-9164(01)00426-X)
21. Bourouni, K., Chaibi, M.T., Tadrist, L. 2001, Water desalination by humidification and dehumidification: state of the art, Desalination Journal, 137, 167–176 (doi: 10.1016/S0011-9164(01)00215-6)
22. Bourouni, K., Chaibi, M.T., Tadrist, L. 2001, Analytical Analyze of heat transfer in liquid film dripping around horizontal tube, Desalination Journal, 141, 7-13 (doi:10.1016/S0011-9164(01)00384-8)
23. .Chaibi, M.T. 2000, Analysis by simulation of a solar still integrated in a greenhouse roof, Desalination Journal, 128 (2), 123-138. (doi:10.1016/S0011-9164(00)00028-X)
24. Chaibi, M.T. 2000, An overview of solar desalination for domestic and agriculture water needs in remote arid areas, Desalination journal, 127 (2), 119-133. (doi:10.1016/S0011-9164(99)00197-6)
25. Bourouni, K, Martin, R.,Tadrist, L & Chaibi, M.T 1999, Heat transfer and evaporation in geothermal desalination units, Applied energy, 64 (1/4),129-147.(doi:10.1016/S0306-2619(99)00071-9)
26. Chaibi M. T. 1994. Renewable energies and their role in the development of rural areas of Tunisia Renewable Energy, Volume 5, Issues 5-8, August 1994, 1538-1540 (doi: 10.1016/0960-1481(94)90204-6)
27. Chaibi, M.T. 1993. Strategic management of utilization of new and renewable energy in rural areas of Tunisia. Energy & Environment, 4 (4), 408-415. ([doi: 10.1177/0958305X9300400404](https://doi.org/10.1177/0958305X9300400404)
28. Chaibi, M.T, Safi, M.J. & Hasairi, M. 1991. Performance analysis of a solar desalting unit in south Tunisia. Desalination (82), 197-205. (doi: 10.1016/0011-9164(91)85182-T)
29. Chaibi, M.T. 1991. Coefficient of heat transfer from greenhouses heated by geothermal energy in south Tunisia. Plasticulture, 92 (4) 41-48.
30. *Keynote addresses, plenary sessions, invited lectures and seminars*
31. M.T.Chaibi, 2022, Promoting Renewable Energy Pumping Systems in Agriculture Sector, Global Symposium on Sustainable Water and Energy Solutions, 13 - 15 June 2022, at the Itaipu Binacional Headquarters located at the border between Brazil and Paraguay. https://www.un.org/en/water-energy-network/page/global-symposium-sustainable-water-and-energy-solutions
32. M.T.Chaibi, 2021, Incorporate nexus thinking approach towards Sustainable use of water resources, PAUWES webinar series/window3: World water day 2021”. <https://www.pauwes.dz/?p=2171>.
33. M.T.Chaibi, 2020, Technology Challenges of Thinking Water-Energy-Food Nexus in Support of Sustainable Agriculture, Online Training Seminar: "Technology Options for the Water-Energy-Food Nexus" https://www.eugcc-cleanergy.net/wef-1
34. M.T.Chaibi, 2020, Renewable Energy for the Sustainable Development of the Agriculture sector, Workshop on “Access to Finance for Municipalities- Nexus thinking and Decentralization of Sub national Governments” Economic and Social Commission for Western Asia (ESCWA), RSS/NERC, 29-30; Amman , Jordan. <https://www.unescwa.org/events/access-finance-municipalities-decentralization-nexus-REGEND>
35. M.T. Chaibi, 2019, Integrated Approach for Solving Water Scarcity Problems in North Africa, International Conference on Sustainable Water Treatment Technologies And Environment SUST-WATER 2019, UDES-Bou-Ismail, October14 -16, 2019, Algeria. <http://udes.cder.dz/sustwater2019/PDF/Final%20Sustwater%20program.pdf>, <https://www.reporters.dz/2019/10/21/chaibi-thameur-chercheur-tunisien-revenir-aux-methodes-ancestrales-de-collecte-des-eaux-de-pluie/>
36. M.T. Chaibi, 2019, Priorities and Actions for Sustainable Agriculture Water Management in MENA Region, WSTA Thirteenth Gulf water Conference and Exhibition 11-14 March 2019, KISR, Kuwait ( <https://gulfwaterconference.org/conference/>)
37. M.T. Chaibi, 2019, Actions for Enhanced Renewable Energy Research  in Agriculture Sector, Photovoltaic & Agriculture Conference, 19th June 2019, ENIT, Tunisia (<http://www.ines-solaire.org/wp-content/uploads/2019/06/eraetmed-leaflet05-2019-v2.pdf>)
38. M.T.Chaibi (2019), Renewable Energies Desalination Systems Concepts for Irrigation in Arid Areas Conditions, lecture in the two-day intensive course on solar driven desalination and water purification, Gathering the water and renewable energy Communitie!   March 25–26, 2019, CRTSE, Algeria
39. M.T.Chaibi (2019), Participation in the Global Sustainable Development Report 2019 consultation workshop in Amman, Jordan 29-30 April 2019.
40. M.T.Chaibi, 2018; An Integrated Approach towards Implementing Water Resources Management in North Africa, 2nd Conference on civil engineering, 3-5 Dec 2008, Khartoum,Soudan,http://onlinejournals.uofk.edu/index.php/CCE2018/article/view/2051
41. M.T. Chaibi 2018, Facilitator of the session” Information requirement for water Resources management”, GMES & Africa First Continental forum; 19-23 Nov 2018, Libreville , Gabon
42. M.T. Chaibi, 2018; Moderator of the International Workshop on “Water-Energy-Food Nexus implementation in the Mashreq”, session Session 3: WEF Nexus Implementation (Regional case studies); 24-26 Sept 2018, , Beirut (Lebanon) https://www.water-energy-food.org/resources/resources-detail/international-workshop-water-energy-food-nexus-implementation-in-the-mashreq/
43. M.T. Chaibi, 2018; Master of Ceremony of the PAUWES Research 2 Practice Forum 2018, April 16-18 Tlemcen. <http://pauwes-cop.net/res2prac/wp-content/uploads/2018/05/Final_Concept_Note_updated.pdf>
44. M.T. Chaibi, 2017; The Future of Water Scarcity in North Africa: Moving from Challenges to Opportunities, TWAS roundtable to explore North-South issues at the 2017 Trieste Next science festival. September 21st, 2017, Auditorium of Museo, Trieste city centre, Italy. (<https://twas.org/article/trieste-next-mediterranean-north-and-south>).
45. M.T. Chaibi, 2017; Could Solar Desalination Save Agriculture in Arid Areas?; The 21stConference of the Islamic World Academy of Sciences (IAS) on Science, Technology and innovation for Global peace and prosperity, 8-11October 2017 Konya, Turkey; (https://www.konya.edu.tr/storage/images/web/events/Afi%C5%9F%20ve%20Davetiyeler/Programme%20Book.pdf)
46. M.T. Chaibi, 2017, Challenges and opportunities for implementing water resources management in North Africa, WSTA Twelfth Gulf water Conference and Exhibition 28-30 March 2017, Manama, Kingdom of Bahrain (http://www.gulfwaterconference.com/conference-program.php)
47. M.T.Chaibi, 2017; Role of Higher Education, Science and New Alliances – 2030 Agenda, Berlin, March 20-21, 2017
48. M.T. Chaibi, 2017, Towards Policy Implementation Tool for Renewable Energy Driven Desalination Systems in MENA Region, Twelfth International Dryland Conference “Sustainable Development of Dry lands in the post 2015 World”, 21-24 August 2016, Alexandria, Egypt
49. M.T. Chaibi, 2016, How PAUWES could contribute to capacity building for sustainable water and energy management in Higher education, International Conference Water Energy & Climate Change WECC 2016, 1-4 June 2016 Marrakech Morocco (file:///C:/Users/Asus/Downloads/WECC2016Proceedings.pdf)
50. M.T. Chaibi, 2012. Participation à l’Animation scientifique de la Conférence Internationale sur le Thème "Science, Enseignement et Technologie pour le Développement de l’Afrique ". 30 Oct-03 Nov 2012, Dakar, Sénégal
51. Chaïbi, M.T., 2007, Desertification & Water, Environmental Security in the Context of NATO SPS Programme, NATO Info Day and Building Partnership, 8-9 Nov. 2007, Ankara, Turkey
52. Chaibi, M.T, 2007, Desalination in North Africa, Leadership for Water and Energy Security in the Middle East and North Africa, United Nations University, International Leadership Institute (INU-ILI), 1st -2nd July 2007, Amman, Jordan
53. *Articles in proceedings/reports*
54. Sheryl L. Hendriks, Endashaw Bekele, Thameur Chaibi, Mohamed Hassan, Douglas W. Miano and John H. Muyonga, 2021, The Role of Science, Technology, and Innovation for Transforming Food Systems in Africa. United Nations Food Systems Summit 2021 Scientific Group Scientific Group (<https://bonndoc.ulb.uni-bonn.de/xmlui/handle/20.500.11811/9149>)
55. Participation the Global Sustainable Development Report 2019 regional consultation workshop for the Arab region, Amman, Jordan
56. Thameur Chaibi, 2015, Integrated Education Systems as a Basis for Global Transformation, Born Conference for Global Transformation, 12, 13 May 2015, Word Conference Center, Bonn, Germany
57. Haithem Bahri, Taoufik Hermesssi, Mohamed Annabi, Fakher Kembi, Roukaya Chibani, M. Thameur Chaibi, Justin van Wart and Haishun Yang, 2015, Relevance of Wheat Yield Gap Concept in Tunisia, Synergy in Science: Partnering for Solution , ASA.CSSA.SSSA 2015 meeting , November 15-18 Minneapolis , MN, USA
58. Mahjoub, O., El Amami, H., Zairi, A., Bahri, H., Mekki, I., Chaibi, T. 2015. The sustainability of the conjunctive use of groundwater and treated wastewater in agriculture in Tunisia. IWA WDCE 2015, 18-21 October 2015, Dead Sea, Jordan.
59. IssamDaghari, Thameur Chaibi;, Serge Marlet, 2014, Salinity Management Options in Irrigated Agriculture: a Tunisian Case Study, 20th LAAS International Science Conference Advanced Research for Better Tomorrow,27-29 March 2014, Hadath, Lebanon
60. Rabi Mohtar, BasselDaher, InsafMekki, Thameur Chaibi, Rim ZitounaChebbi, and Ahmed Al Salaymeh, 2014, The water, energy and food (WEF) nexus project: A basis for strategic planning for natural resources sustainability-Challenges for application in the MENA region. European Geosciences Union General Assembly 2014 Vienna,|Austria, 27 April – 02 May 2014
61. Bahri H., Hermassi T., Ben Nouna B., and Chaibi M.T. 2013. An Overview Analysis of the Wheat Yield Gap in Tunisia. [ASA, CSSA & SSSA International Annual Meetings: November 3-6, Tampa.](https://www.google.fr/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&ved=0CC8QFjAA&url=https%3A%2F%2Fwww.acsmeetings.org%2F&ei=1cPfUs7YHIrOhAfD5YGoCw&usg=AFQjCNH0f26qgQ4ZRKU_da_GibCMEiBJkQ) United States.
62. Chaibi M. T., Njenga B.2011, AUC Approach to Capacity development of Tertiary Education and Research in Africa, Workshop on Knowledge Management Capacity in Africa, January 4-7, 2012, Khartoum, Sudan
63. Chaibi M.T. 2011, Programs for scaling up renewable energies in Africa, International solar energy experts (I-SEE) , 2 – 4 August 2011, KNUST Ghana <http://www.energycenter.knust.edu.gh/downloads/7/71918.pdf>
64. Chaibi M.T. 2011, Towards Tunisian Solar Plan, Solar Energy Experts workshop , August 2- 4 2012, The Energy Center (TEC), KNUST, Kumasi, Ghana
65. Chaibi, M.T., Bartholomé, E. 2009, The « GMES & Africa » process - State of play- , Geoland Forum, 12 May 2009, Berlin, Germany.
66. Chaibi, M.T. and Z.S. Abdel-Rehim 2008, Solar still integrated in a greenhouse roof: laboratory experiments and model validation, Third International conference of engineering research Division on Engineering Sciences and technologies – Mars 24-26, 2008, NERC- Cairo- Egypt
67. Chaibi, M.T,Bourouni K. and Jilar, T. 2007, Practical alternatives to Using Solar Desalination for Irrigation in Arid Areas Conditions. Edited volume, 3ed International Conference on solar radiation and day lighting, Delhi India. Anamaya Publisher. Dube S.K, Muneer.T and Tiwari G.N.(Eds) 2007, 418-431.
68. Bourouni, K, T. Ben M’Barek and Chaibi, M.T, 2007, Strategic study for the development of autonomous units for desalination in Tunisia, First World Water Sustainability - Renewable Energy Congress and Exhibition, 25-28 Nov; 2007, MECC Conference Complex, Maastricht, Netherlands.
69. Chouaieb, W., Chaibi, M.T., Masmoudi, M., Mansour, M., 2007, Etude expérimentale d’un système d’irrigation par condensation fonctionnant à l’energie solaire, First Maghreb Conference on Desalination and Water Treatment, CMTDE, 7-10 Dec. 2007, Hammamet, Tunisia
70. Chaïbi, M.T., and Bourouni, K. Bassem, M.M., 2007, Les tours de refroidissement des eaux géothermales dans le sud tunisien: concepts et performances. Fiche technique à l’intention de l’INRGREF. 5 pages.
71. Bourouni, K; Ben Mbarek, T; Chaibi, M.T. 2007, Strategic study for the development of autonomous units for desalination. First World Water Sustainability -Renewable Energy Congress and ExhibitionNovember 25th - 28th 2007 at Maastricht, the Netherlands , WREN ( [www.wrenuk.co.uk](http://www.wrenuk.co.uk)) and InterExpo Caribbean N.V. ( [www.interexpo.biz](http://www.interexpo.biz))
72. Bassem, M.M., Chaïbi, M.T., and Bourouni, K.2006, Les tours de refroidissement des eaux géothermales dans le sud tunisien : concepts et performances. Proceedings of the International Meeting on Resources Management and Biotechnological Applications on Arid and Oasis Culture, Djerba. Tunisia, December 25 th - 28th 2006.
73. Bourouni, K., Chaibi M.T. and Haj Ali, W. 2006. Etude numérique d'une unité de dessalement fonctionnant par l'énergie solaire. The International Conference on Renewable Energies and Water Technologies (CIERTA 2006).Almeria, Spain October 5-7th 2006
74. Bassem, M.M., Bourouni, K. and Chaïbi, M.T. 2006. Etude numérique des transferts couplés de chaleur et de masse dans un refroidisseur d’eau géothermale. Proceedings des Journées Tunisiennes sur les écoulements et les transferts (JTET), Monastir, March 19 th – 21st 2006
75. Bassem, M.M., Bourouni, K. and Chaïbi, M.T. 2006. Numerical study of coupled transfer of heat and mass between air and water in a geothermal water cooling tower. Bulletin of the American Physical Society, APS Division of Fluid Dynamics 59th Annual Meeting of the, Tampa, Florida, USA, November 19 th-21st 2006, Volume 51, N°9, page 246.
76. Chaibi M. T. 2006. Strategic Policy Tool for Implementation Renewable Energy Systems in Rural Areas of Tunisia, fourth conference on Scientific Research Outlook & Technology Development in the Arab World, Alexandria, Egypt, 22 - 25 Apr 2006.
77. Bourouni, K. and Chaibi M.T. 2005. Using geothermal and solar energy for autonomous water desalination units, Unités de Dessalement Alimentées par les Energies Renouvelables Opportunités et Défis, ADU-RES international workshops 26-27 Sept. 2005, Hammamet, Tunisia. [www.adu-res.org](http://www.adu-res.org).
78. Chaibi, M.T. and Bourouni, K. 2005. Geothermal water cooling systems in Tunisia- Design and practice, Proceedings Word Geothermal Congress, Antalya, Turquie , 24- –29 Avril 2005.
79. Chaibi, M.T. and Bourouni, K. 2005. Application of Geothermal Energy for Brackish Water Desalination in the South of Tunisia, Proceedings Word Geothermal Congress, Antalya, Turquie, 24- –29 Avril 2005.
80. Saidam, M., Epp C., Tondi, G. and Chaibi, M.T. 2004. International Water Demand management Conference, May 30- June 3, Wdm2004, Dead Sea Jordan
81. Chaibi, M.T.,Chenini, F., Epp, C. and Tondi, G. 2004. Une approche intégrée pour la gestion durable des ressources en eau dans le basin méditerranéen, Colloque développement durable, Leçons et perspectives, Ouagadougou, Burkina Faso, 1 – 4 Juin 2004, tome 2, 139-146.
82. Bourouni, K. and Chaibi, M.T. 2004. Development of agriculture in the south of Tunisia by using geothermal energy for water desalination. International conference on geothermal energy applications in agriculture, Athens, Greece, 3-4 May 2004.
83. Bourouni, K. and Chaibi M.T. 2004. Modelling of heat and mass transfer in a horizontal-tube falling-film condenser for brackish water desalination in remote areas, EuroMed 2004, Marrakech, Maroc, 30 Mai - 2-Juin 2004.
84. Chaibi, M.T. and Chenini, F. 2003. Climate Changes in the Mediterranean Region: Water Use and Competition between the Agricultural and Tourism Sectors. Advanced Research workshop on Climate change and tourism – Assessment and coping strategies - 6th – 8th November 2003, Warsaw, Poland.
85. Chaibi, M.T. and Jilar, T. 2003. Economy prospects for roof integrated water desalination in greenhouses. Solar Word Congress 2003, ISES, Götberg Suède, 13-19 Juin 2003.
86. Bourouni, K., Bouden, C. and Chaibi, M.T. 2003. Improvement of the efficiency of a small desalination unit functioning by air humidification and dehumidification by using air flat-plate solar collectors, ISES, Götberg Sweden, 13-19 June 2003.
87. Bourouni, K., Bouden, C. and Chaibi, M.T. 2003. Utilisation de l’énergie solaire dans un procédé innovant de dessalement d’eau fonctionnant par humidification et déshumidification de l’air, COMPLES'2K3 – Mediterranean Conference on Environment and Solar Use, Aleppo (Syrie), 19-20 Octobre 2003, 3p.
88. Chaibi M.T., Jilar, T.,.Bourouni, K., Ben Bacha, H. and Maalej, A. 2000. Economics Aspects of Solar Desalination for Agricultural Purposes, GlobeEX 2000, Las Vegas USA, 23ed – 28th July, 330-339
89. Bourouni, K. Chaibi, M.T. and Tadrist, L. 2000. Analytical and experimental analyze of heat and mass transfer in liquid film evaporation around a horizontal tube, GlobalEx 2000, Las Vegas, 23-26 juillet 2000
90. Bourouni, K. Chaibi, M.T. and Tadrist, L. 2000. Liquid film evaporation around a horizontal tube: Application for a desalination process. Arab school of Science and Technology (AAST) meeting Cairo, Egypt, January, 23ed –27th, 104-116
91. Chaibi, M.T. and Bourouni, K. 2000, Operational experience with geothermal desalination unit in the south of Tunisia and its contribution to fresh water supply. Arab school of Science and Technology (AAST) meeting Cairo, Egypt, January, 23ed –27th, 117-130
92. Bourouni, K., Chaibi M.T., Martin, R. and Tadrist, L. 1998. Analysis of heat transfer and evaporation in geothermal desalination units, «the 7th International Energy Conference and Exhibition ENERGEX’98», Bahrain, 19-21 Novembre 1998
93. Bourouni, K., Martin, R., Tadrist, L. and Chaibi, M.T. 1998.Le dessalement d’eau saumâtre par aero-evapo condensation, une potentialité pour les régions arides. HYDROTOP 98, Marseille, France, 21-23 avril.
94. Ben Mabrouk, S. and Chaibi, M.T. 1995. Development of Solar Crop Dryers in Tunisia. Cinquième Conférence Internationale Arabe sur l’Energie Solaire (The 5Th Arab International Solar Energy Conference) AISEC, du 13 au 16 Novembre Bahrain.
95. Chaibi M. T. and Safi M.J. 1991. Solar desalination with a multi effect process –evaporation and condensation cycle- 31st science week, Lattakia, Syria, 2-8 November 1991.
96. Chaibi, M .T. 1991. Desalination of brackish water and their use in rural areas. Twelfth International Symposium on Desalination and Water Re-Use. Malta 15-18 April 1991
97. *International scientific editing*

-Associate Editor of the Journal of Fundamentals of Renewable Energy and Applications (JFREA): <http://www.ashdin.com/index.aspx>

-Associate Editor of the editorial board member of the Resources and Environment journal: <http://journal.sapub.org/RE>

-Editorial board member of the American Journal of Energy Research of science and education publishing: <http://www.sciepub.com/journal/AJER/EditorialBoard>

-Editorial Advisory Board Member. Taylor & Francis group, Book Series : Sustainable Energy Developments, Editor: Jochen Bundschuh, University of Southern Queensland (USQ), Toowoomba, Australia & Royal Institute of Technology (KTH), Stockholm, Sweden, (<http://www.taylorandfrancis.com/books/series/SUED>)

-Referee: International Desalination Journal, Journal of Solar Energy Engineering, Biosystems Engineering Journal, Energy Conversion and management, and International Journal of Solar Energy,