

PERSONAL INFORMATION



Name and surname: Mouldi Gamoun

Date of birth: 10/04/1977 | Tataouine - Tunisia

Address: 2 rue Taieb Mhiri 3200 Tataouine

Driving license: Class B

Social Status: Single

E-mail: gamoun.mouldi@yahoo.fr

Mobile phone : +216 27 204 823

EDUCATION

Dates 2015/2016

Postdoctoral researcher at university of Vigo- Spain.

Dates 2006/2012

Name and type of organisation providing education and training University of Tunis El Manar, Faculty of Science, Tunis-Tunisia
Arid Regions Institute, Medenine-Tunisia

Title of qualification awarded **PhD in Biological sciences** with the high honours

Title The impact of resting on the dynamics of vegetation cover: applying the sustainable management in the Sahara pastoral areas in southern Tunisia

Dates 2003/2005

Name and type of organisation providing education Faculty of Sciences of Sfax-Tunisia

Title of qualification awarded **Master's degree in Biology and Ecophysiology of plantae** with the high honours

Title Cartography and vegetation dynamics in the E'louara region, Tataouine

Dates 1999/2003

Name and type of organisation providing education Faculty of Sciences of Gabes-Tunisia

Title of qualification awarded **Bachelor's degree in Life and Earth Sciences**

Dates 1999

Name and type of organisation providing education Tataouine School-Tunisia

Title of qualification awarded **Bachelor's degree in Experimental Science**

**TRAINING AND RESEARCH
PROJECT**

2017 to present: CRP Livestock - Environment FS (Tunisia)

2018 to present: CRP Livestock F&F (Tunisia)

2018 to present: FAO, Pilot operation for the rehabilitation and participatory management of forest rangelands in the Sbaihia-Zaghouan area (Tunisia)

2018 to 2019: Mind the Gap: Improving Dissemination Strategies to Increase Technology Adoption by Smallholders (Tunisia)

2019 to present: Strengthening Innovation and Technology Adoption towards Sustainable Agricultural Productivity in Arab Countries (Jordan)

2006-2012: Project research PRODESUD: Methodological support with the setting in rest communal rangelands (Assistance-Follow-up and Evaluation). Framework: agropastoral development project and promotion of the local initiatives of South East, PRODESUD Tataouine (Tunisia).

From 01/2011 to 05/2011: Contract of research: Laboratory of Environmental Remote sensing Eremology & Combating Desertification, Arid Regions Institute. Medenine, Tunisia.

2006-2007: Contract of research: Laboratory of Range Ecology, Arid Regions Institute. Medenine, Tunisia.

2004-2009: Project research Machreq-Maghreb: "Developing Sustainable Livelihoods of Agro-pastoral Communities of West Asia and North Africa.

**PERSONAL SKILLS
AND COMPETENCES****Mother tongue**
Other languages
Computer skills

Arabic

French: Excellent reading, writing and verbal skills

English: Good reading and writing and verbal skills

Proficient in Microsoft Office (Word, Excel and PowerPoint) and statistical software (SPSS, XLSTAT, Origin Pro).

WORKING EXPERIENCE

2017 to present: Rangeland Ecology and Management Scientist, Plant taxonomy and Diversity. International Center for Agricultural Research in the Dry Areas (ICARDA).

September 2015 to Jun 2016: Postdoctoral researcher at university of Vigo- Spain.

2013-2014: Assistant at the Higher Institute of Applied Biology Medenine. Teaching students in Plant Biology of Biotechnology, Agro alimentary and Environmental Protection section.

2012-2013: Assistant at the Higher Institute of Applied Biology

Medenine. Teaching students in Plant Biology of Biotechnology, Agro alimentary and Environmental Protection section.

2011-2012: Assistant at the Higher Institute of Applied Biology Medenine. Teaching students in Plant Biology of Biotechnology, Agro alimentary and Environmental Protection section.

2008-2009: Assistant at the Higher Institute of Applied Biology Medenine. Teaching students in Plant Biology of the Agro-alimentary and Environmental Protection section.

2007- 2008: Assistant at the Higher Institute of Applied Biology Medenine. Teaching students in Plant Biology and cell Biology of the Agro-alimentary and Environmental Protection section.

SCIENTIFICS PUBLICATIONS

- **Mouldi Gamoun**, Louhaichi M. 2019. Nutritive evaluation of forage species indigenous to the arid rangelands of Tunisia. <https://hdl.handle.net/20.500.11766/10559>
- Louhaichi M, Ghouhis F, **Gamoun M**. 2019. A flexible approach to the restoration of degraded rangelands. <https://hdl.handle.net/20.500.11766/10498>
- **Gamoun M**, Louhaichi M, Hassan S. 2019. Manual guide for surveying and assessing vegetation. <https://hdl.handle.net/20.500.11766/10419>
- **Gamoun M**, Louhaichi M, Hassan S. 2019. Impact of rest periods on the response of different arid rangelands in southern Tunisia. <https://hdl.handle.net/20.500.11766/10424>
- Louhaichi M, **Gamoun M**, Ben Salem F, Belfekih E, Ghouhis F. 2019, Impact of rest duration and land tenure on species richness, frequency and plant cover of degraded rangelands in Tunisia, <https://hdl.handle.net/20.500.11766.1/FK2/2ZQCH3>, MELDATA, V1
- Louhaichi M, **Gamoun M**, Ben Salem F, Belfekih E, Ghouhis F. 2019. Impact of rest duration and land tenure on plant species density (Annual and perennial species) of degraded rangelands in Tunisia, <https://hdl.handle.net/20.500.11766.1/FK2/ZC9K8J>, MELDATA, V1
- Louhaichi M, **Gamoun M**, Ben Salem F, Belfekih E, Ghouhis F. 2019. Impact of rest duration and land tenure on biomass (productivity) of degraded rangelands in Tunisia, <https://hdl.handle.net/20.500.11766.1/FK2/QBZTMV>, MELDATA, V1
- Louhaichi M, Kailene K, Slim S, Tarchi B, **Gamoun M**, Hassan S, Moyo H. 2019. Sustainable Silvopastoral Restoration to Promote Ecosystem Services in Tunisia Project Final Report. <https://hdl.handle.net/20.500.11766/10220>
- Ouled Belgacem A., Ben Salem F., **Gamoun M.**, Chibani R., and Louhaichi M. 2019. Revival of traditional best practices for

- rangeland restoration under climate change in the dry areas: A case study from Southern Tunisia. *International Journal of Climate Change Strategies and Management*. DOI [10.1108/IJCCSM-02-2018-0019](https://doi.org/10.1108/IJCCSM-02-2018-0019).
- **Gamoun M**, Louhaichi M, 2019. *Rhus tripartita* (Ucria) Grande: a rare and endangered species with great ecological value. dx.doi.org/20.500.11766/10076
 - Louhaichi M, **Gamoun M**. 2019. *Artemisia herba-alba* Asso: a drought tolerant subshrub well known as an aromatic and medicinal species. <https://dx.doi.org/20.500.11766/10075>
 - **Gamoun M**, Louhaichi M. 2019. *Nitraria retusa* (Forssk.) Aschers: an important sand controller for saline deserts. <https://dx.doi.org/20.500.11766/10141>
 - **Gamoun M**, Louhaichi M. 2019. Final Report: Group Training Course on Rangeland Plant Identification and Vegetation Classification. <https://hdl.handle.net/20.500.11766/10066>
 - Louhaichi M, Kailene J, Slim S, **Gamoun M**, Tarchi B, Hassan S, Ben Rhomdhane O, Ouled Belgacem A. 2019. Silvopastoral Systems and Climate Change Mitigation in Central Tunisia. 6th North American Agroforestry Conference.
 - Louhaichi M, Moyo HP, Kailene J, **Gamoun M**, Slim S, Hassan S, Tarchi B, Ates S. 2019. Silvopastoral Systems and Climate Change Mitigation in Central Tunisia. 6th North American Agroforestry Conference.
 - **Gamoun M**, Ouled Belgacem A, Louhaichi M. 2018. Diversity of desert rangelands of Tunisia. *Plant Diversity* 40 : 217-225.
 - **Gamoun M**. 2016. Rain use efficiency, primary production and precipitation relationships in desert rangelands of Tunisia. *Land Degradation & Development* 27: 738–747.
 - **Gamoun M**. 2016. Interactive effects of grazing and drought on desert rangelands of Tunisia. *Biologija*. 62: 105–115.
 - **Gamoun M**, Patton B, Hanchi B. 2015. Assessment of vegetation response to grazing management in the arid rangelands of the Southern Tunisia. *International Journal of Biodiversity Science, Ecosystem Services & Management*. [dx.doi.org/10.1080/21513732.2014.998284](https://doi.org/10.1080/21513732.2014.998284).
 - **Gamoun M**, Hanchi B. 2014. Natural vegetation cover dynamic under grazing-rotation managements in desert rangelands of Tunisia. *Arid Ecosystem* 4: 277-284.
 - **Gamoun M**. 2014. Grazing intensity effects on the vegetation in desert rangelands of Southern Tunisia. *Journal of Arid Land* 6(3): 324-333.
 - **Gamoun M**, Zammouri J. 2014. The effects of drought on plant communities in the desert rangelands of Tunisia. In: R.K. Gaur,

- Sharma P (Eds): *Approaches to Plant Stress and their Management*. Springer India.
- **Gamoun Mi.** 2013. Vegetation dynamics regulated by grazing and soil type in arid rangelands of Southern Tunisia. *Research Journal of Agricultural and Environmental Management* 3: 83-91.
 - **Gamoun M.** 2013. Vegetation change in variable rangeland environments: the relative contribution of drought and soil type in arid rangelands. *Ekológia* 32: 148-157.
 - **Gamoun M.** 2013. Management and resilience of Saharan rangelands: South Tunisia. *Fourrages* 216: 321-328.
 - **Gamoun M.** 2013. Les parcours sahariens: Dynamique et Gestion. Univ Européenne , pp 317.
 - **Gamoun M,** Ouled Belgacem A, Hanchi B, Neffati M, Gillet F. 2012. Impact of grazing on the floristic diversity of arid rangelands in South Tunisia. *Rev. Écol. (Terre Vie)* 67: 271-282.
 - **Gamoun M,** Hanchi B, Neffati M. 2012. Dynamic of Plant Communities in Saharan Rangelands of Tunisia. *Arid ecosystems* 2: 105-110.
 - **Gamoun M,** Ouled Belgacem A. 2012. Cartographie et dynamique de la végétation saharienne de la Tunisie. *Revue des régions arides* 27: 35-60.
 - **Gamoun M,** Tarhouni M, Ouled Belgacem A, Hanchi B, Neffati M. 2011. Response of different arid rangelands to protection and drought. *Arid Land Research and Management* 25: 372-378.
 - **Gamoun M,** Ouled Belgacem A, Hanchi B, Neffati M. 2011. Floristic diversity variations according to management types in dry rangelands of Southern Tunisia. *Ecologia mediterranea* 37: 33-44.
 - **Gamoun M,** Tarhouni M, Ouled Belgacem A, Hanchi B, Neffati M. 2010. Effects of grazing and trampling on primary production and soil surface in North African rangelands. *Ekológia* 29: 219-226.
 - **Gamoun M,** Chaieb M, Ouled Belgacem A. 2010. Evolution of ecological characteristics along a gradient of soil degradation in the South Tunisian rangelands. *Ecologia mediterranea* 36: 5-16.
 - Louhaichi M, **Gamoun M.** 2017. *Stipa tenacissima*: nurse species to initiate the process of ecosystem restoration. <https://dx.doi.org/20.500.11766/8567>.
 - **Gamoun M,** Louhaichi M. 2018. *Stipagrostis pungens* (Desf.) De Winter: a xerophytic quicksand- and dune-fixing species adapted to sandy deserts. <https://dx.doi.org/20.500.11766/8493>.
 - Louhaichi M, **Gamoun M.** 2018. *Rhanterium suaveolens* Desf: a keystone species critical to rangeland structure and functioning. <https://dx.doi.org/20.500.11766/8494>.
 - Louhaichi M, Ben Rhomdhane O, Slim S, Klaine J, **Gamoun M,** Serkan

- A. 2018. 5th International Conference on Sustainable Agriculture and Environment (5th ICSAE) October 08-10, 2018, Hammamet, Tunisia.
- **Gamoun M**, Werner J, Louhaichi M. 2018. Traditional grazing-management practice makes an impact in southern Tunisia. <https://hdl.handle.net/20.500.11766/9173>
 - **Gamoun M**, Louhaichi M, Hassan S. 2018. Final Report: Group Training Course on Rangelands Plant Terminology & Basic Plant Identification. Beirut, Lebanon: International Center for Agricultural Research in the Dry Areas (ICARDA). <https://dx.doi.org/20.500.11766/9062>.
 - **Mouldi G**, Louhaichi M. 2019. On-the-job Training Report during Rangelands Inventorying and Monitoring. <https://hdl.handle.net/20.500.11766/10155>
 - Training course on cactus pear evaluation & best-agronomic practices. Amman, Jordan, from 14–18 July 2019
 - Annual workshop LADA- Local «Training of the local trainers», Arid Regions Institute IRA-Medenine 25-29 January 2010.
 - Workshop LADA-Local: "Presentation of local assessment results, Arid Regions Institute IRA Medenine 19-21 April 2010.
 - LADA Final Workshop "Presentations of the results of local and national evaluation", Hammamet, 8-9 November 2010.
 - Workshop of evaluation of the program « climatic change effects on the natural resources, in the Boughrara region» Arid Regions Institute IRA-Medenine, 22 Jun 2011.
 - Planning workshop for the identification of gender research related to agro-pastoral production system, 30 October- 01 November 2017, Hammamet, Tunisia.

REVIEWER

- African Journal of Range & Forage Science: TARF-2019-0109: Seasonal trends of copper and zinc in fourwing saltbush (*Atriplex canescens* (Pursh.) Nutt.) from Algerian arid rangelands.
- Science of the Total Environment: STOTEN-D-19-19707: Extreme drought affects the productivity, but not the composition, of a desert plant community in Central Asia differentially across microtopographies
- Arid Land Research and Management: USER-2011-0816: Effect of grazing exclusion on interannual changes of dwarf shrub biomass in a Moroccan sagebrush steppe.
- International Journal of Biology and Biological Sciences: IJBBS-12-053: Taxonomic study of the Tunisian *Calligonum* genus using the Morphological and Anatomical traits.

- Academia Journal of Agricultural Research: AJAR-13-111: Influence of ameliorants on water retention and soil water functional relationships studied in two different soils of Odisha, India.
- Folia Geobotanica: FOLG-D-14-00046: An appraisal of flora diversity in a rocky desert landscape-type of the Sahara Desert.
- Journal of Mountain Science: ID-16-3915: Degrading rangelands in Kyrgyzstan? Vegetation and soils as indicators of grazing pressure in Naryn Oblast.
- Land Degradation & Development: LDD-16-0932: Aridity and overgrazing have convergent effects on ecosystem structure and functioning in Patagonian rangelands.