

## **Myriam Khalfallah**

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### EDUCATION

#### **Ph.D., Resource Management and Environmental Studies, *May 2020***

THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA

Dissertation: Data-poor Fisheries: Case Studies from the Southern Mediterranean and the Arabian Peninsula

Advisor: Dr. Daniel Pauly; Thesis committee members: Drs. Rashid U. Sumaila, Eddie Allison, and Philippe LeBillon.

#### **B. Eng., Agronomy/Fisheries Sciences and Environmental Studies, *June 2013***

UNIVERSITY OF CARTHAGE, TUNIS, TUNISIA

Dissertation: Proposal to improve the coastal fisheries statistical system in Tunisia: the case of the Gulf of Tunis [translated from the French]

Advisor: Dr. Frida Ben Rais-Lasram and Mr. Mehrez Besta.

### WORK EXPERIENCE

#### **Postdoctoral Research Fellow, *May 2020-Present***

INSTITUTE FOR THE OCEANS AND FISHERIES, THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA

- Main project: Evaluation of the environmental and socio-economic impacts of foreign fishmeal plants on African marine fisheries.

#### **Graduate Research Assistant, *September 2014-April 2020***

INSTITUTE FOR THE OCEANS AND FISHERIES, THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA

- Main project: Assessment of the state of marine fisheries and ecosystems of 17 countries from the southern Mediterranean and the Arabian Peninsula.

#### **Teaching Assistant, *January-April 2016/2019***

DEPARTMENT OF ZOOLOGY, THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA  
(400-level biology/epistemology course)

#### **Research Assistant, *October 2013- May 2014***

FISHERIES CENTRE, THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADA

- Main project: Evaluation of the state of the Maltese and Omani fisheries.

**Research Intern, April/May 2013**

GENERAL DIRECTORATE FOR FISHERIES AND AQUACULTURE (DGPA)  
MINISTRY OF AGRICULTURE, WATER RESOURCES AND FISHERIES, TUNISIA

- Project: Update of the correction coefficients of the fisheries statistics in Tunisia.

**Research Intern, July 2012**

INSTITUT NATIONAL DES SCIENCES ET TECHNOLOGIES DE LA MER, TUNISIA

- Main project: Study of the spatial distribution and stranding patterns of cetaceans in Tunisia between 2000 and 2012.

**RELATED ACCOMPLISHMENTS**

- Participated in the workshop "Skills of Communication" by "Mitac", the University of British Columbia (Canada - 2016);
- Founded the association "*Bhar Tounes*" for marine ecology (Tunisia – 2013/2014);
- Completed a doctoral module "*Approche Écosystémique des Ressources Marines Exploitées (AERME1)*" [Ecosystem-based Approach to Exploited Marine Resources] with the Mediterranean and Tropical Halieutic Research Center, sponsored by the French Research Institute for Exploitation of the Sea (IFREMER), the French National Research Institute for Sustainable Development (IRD) and the University of Montpellier 2 (Tunisia- 2013);
- Completed a doctoral module on cetacean conservation under the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and contiguous Atlantic Area (ACCOBAMS) (Tunisia, - 2013);
- Participated in a workshop in Blogging and Journalism "Politicize Information by Gender" funded by the United Nations Democracy Fund (UNDEF) (Tunisia- 2012).

**DISSERTATIONS**

Khalfallah, M. (2020). Data-poor Fisheries: Case Studies from the Southern Mediterranean and the Arabian Peninsula, Ph.D. thesis, the University of British Columbia, Vancouver, Canada, 349p. <https://dx.doi.org/10.14288/1.0389951>

Khalfallah, M. (2013). Proposition d'amélioration du système de statistiques de la pêche côtière en Tunisie: cas du Golfe de Tunis [Proposal to improve the coastal fisheries statistical system in Tunisia: the case of the Gulf of Tunis], Engineering dissertation, Institut National Agronomique de Tunisie, the University of Carthage, Tunis, Tunisia, 52p.

## PEER-REVIEWED PUBLICATIONS

**Khalfallah, M.**, Dimech, M., Ulman, A., Zeller, D., & Pauly, D. (2017). Reconstruction of Marine Fisheries Catches for the Republic of Malta (1950-2010). *Mediterranean Marine Science*, 18(2), 241-250.

**Khalfallah, M.**, Zylich, K., Zeller, D. & Pauly, D. (2016). Reconstruction of Domestic Marine Fisheries Catches for Oman (1950-2015). *Frontiers in Marine Science*, 3(152).

Wabnitz, C. C. C., Lam, V. W. Y., Reygondeau, G., The, L. C. L., Al-Abdulrazzak, D., **Khalfallah, M.**, Pauly, D., Palomares, M. L. D., Zeller, D., & Cheung, W. W. L. (2018). Climate change impacts on marine biodiversity, fisheries and society in the Arabian Gulf. *PLoS ONE*, 13(5).

Zeller, D., Hood, L., Palomares, M. L. D., Sumaila, U. R., **Khalfallah M.**, Belhabib, D., Woroniak, J. & Pauly, D. (2020). Comparative fishery yields of African Large Marine Ecosystems. *Environmental Development*, 36(100543).

## BOOK CHAPTERS

**Khalfallah, M.**, Derrick, B., Relano, V., Zeller, D., and D. Pauly. 2020. The Persian Gulf: Catch reconstructions update to 2018, p. 329-345. In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific. Fisheries Centre Research Report 28(6).

**Khalfallah, M.**, C. Piroddi, C. Brown, S.-L. Noël, T. Cashion, B. Derrick, D. Dunstan, E. Page, G. Tsui, A. Pierucci, B. Marčeta, Ç. Keskin, D. Moutopolous, E. Shakman, H.H. Mahmoud, H.M. Ghmati, M. Carreras, M. Abudaya, R.M. Fahim, R. Bakiu, S. Matić-Skoko, S. Villasante, V. Relano, T. Russo and K. Zylich. 2020. Mediterranean: updated catch reconstructions to 2018, p. 251-294. In: B. Derrick, **M. Khalfallah**, V. Relano, D. Zeller and D. Pauly (eds). Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic. Fisheries Centre Research Report 28(5).

**Khalfallah, M.**, R. White, T. Cashion, B. Derrick, S.-L. Noël, E. Page and V. Relano. 2020. Red Sea and Gulf of Aden countries: Updated catch reconstructions to 2018, p. 346-364. In: B. Derrick, **M. Khalfallah**, V. Relano, D. Zeller and D. Pauly (eds). Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific. Fisheries Centre Research Report 28(6).

Palomares, M.L.D., **Khalfallah. M.**, Zeller, D. and D. Pauly. 2021. The Fisheries of the Arabian Sea Large Marine Ecosystem, p. 883-897. In: L.A. Jawad (ed.). The Arabian Seas: Biodiversity, Environmental Challenges and Conservation Measures. Springer Nature Switzerland.

Popov, S., T. Cashion, B. Derrick, M. Frias-Donaghey, **M. Khalfallah**, V. Relano, G. Tsui, K. Zylich and D. Pauly. 2020. Black Sea: updated catch reconstructions to 2018, p. 205-215. In: B. Derrick, **M. Khalfallah**, V. Relano, D. Zeller and D. Pauly (eds). Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic. Fisheries Centre Research Report 28(5).

**Khalfallah, M.** and D. Pauly. The marine and diadromous fisheries of Iraq. In L. A. Jawad (Ed.), *Tigris and Euphrates Rivers: their environment from headwaters to mouth*. Springer Publisher Ltd., Germany. [in press]

## REPORTS

B. Derrick, **M. Khalfallah**, V. Relano, D. Zeller and D. Pauly (eds.) 2020. Updating to 2018 the 1950-2010 marine catch reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic. *Fisheries Centre Research Reports* 28(5): 321 pp.

B. Derrick, **M. Khalfallah**, V. Relano, D. Zeller and D. Pauly (eds.) 2020. Updating to 2018 the 1950-2010 marine catch reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific. *Fisheries Centre Research Report* 28 (6): 408 pp.

Palomares, M. L. D., **Khalfallah, M.**, Woroniak, J. & Pauly, D. (Eds.). (2020). Assessments of marine fisheries resources in West Africa with emphasis on small pelagics. *Fisheries Centre Research Reports* 28(4), 96 p.

Cheung, W. W. L., Lam, V., Reygondeau, G., Teh, L., Wabnitz, C., Al-Abdulrazzak, D., **Khalfallah, M.**, Palomares, M. L. D., Zeller, D. & Pauly, D. (2016). Marine Biodiversity and Climate Change [in the Arabian Gulf]. Abu Dhabi Global Environmental Data Initiative's Local, National, and Regional Climate Change Programme. *Rapport technique* 93 p.

## WORKING PAPERS

Halouani, G., Ben Rais Lasram, F., **Khalfallah, M.**, Zeller, D. & Pauly, D. (2015). Reconstruction of Marine fisheries catches for Tunisia (1950-2010). *Fisheries Centre Working Paper #2015-95*, the University of British Columbia, Vancouver, 11 p.

**Khalfallah, M.**, Belhabib, D., Zeller, D. & Pauly, D. (2015). Reconstruction of Marine Fisheries catches for Libya (1950-2010). *Fisheries Centre Working Paper #2015-47*, the University of British Columbia, Vancouver, 15 p.

**Khalfallah, M.**, Dimech, M., Ulman, A., Zeller, D. & Pauly, D. (2015). Reconstruction of Marine Fisheries catches for the Republic of Malta (1950-2010). *Fisheries Centre Working Paper #2015-43*, the University of British Columbia, Vancouver, Canada, 12 p.

**Khalfallah, M.**, Zeller, D. & Pauly, D. (2015). Reconstruction of marine fisheries catches for Fujairah (UAE) (1950-2010). *Fisheries Centre Working Paper #2015-57*, the University of British Columbia, Vancouver, Canada, 13 p.

**Khalfallah, M.**, Zylich, K., Zeller, D. & Pauly, D. (2015). Reconstruction of marine fisheries catches for Oman (1950-2010). *Fisheries Centre Working Paper #2015- 89*, the University of British Columbia, Vancouver, Canada, 11 p.

Mahmoud, H. H., Teh, L. S. L., **Khalfallah, M.** & Pauly, D. (2015). Reconstruction of marine fisheries statistics in the Egyptian Mediterranean Sea, 1950-2010. *Fisheries Centre Working Paper #2015-85*, the University of British Columbia e, Vancouver, Canada, 16 p.

## UNPUBLISHED PAPERS

**Khalfallah, M.**, Pauly, D. & Zeller, D. (2021). Iraqi Marine fisheries through decennial wars (1950-2015). Manuscript in preparation.

**Khalfallah, M.**, Belhabib, D., Zeller, D. & Pauly, D. (2021). From catching fish to smuggling people: reconstructing the marine fisheries catches for Libya (1950-2017). Manuscript in preparation.

**Khalfallah, M.** & Pauly., D. (2021). Assessing the Southern Mediterranean Fisheries through the Lens of Uncertainties. Manuscript in preparation.

**Khalfallah, M.**, Mahmoud, H. H., Fahim, R. M. & Pauly, D. (2020). Once upon a century, the Mediterranean Egyptian fishery: marine catch reconstructions, fishing down and climate change between 1917 and 2017. Manuscript submitted for publication.

## ACADEMIC SERVICE

Reviewer Editor, Editorial Board of the subsection 'Marine Biology' in the journal 'Frontiers in Marine Science', November 2020-Present.

Elected representative of undergraduate and graduate students to the Scientific Council of the National Agronomic Institute of Tunisia for the academic year 2012/2013.

## MEDIA COVERAGE

"700 tonnes of fish lost in discard, subsistence and recreational catches every year" Matthew Vella, *Malta today*, July 25, 2017.

## PRESENTATIONS & CONFERENCE TALKS

- "Knowledge Gaps in Marine Fisheries of the Southern Mediterranean". Presentation at the Fish Forum for the Mediterranean and the Black Sea at the Food and Agriculture Organisation (FAO), Rome, Italy, 2018.
- "Making the most of what is available in data-poor countries: Catch Reconstruction, biodiversity and impacts of anthropogenic activities". Presentation at the 4th World Conference on Marine Biodiversity (WCMB), Montreal, Canada, 2018.
- "Fisheries Management in the Southern Mediterranean and Arab Countries". Presentation at the Canadian Conference for Fisheries Research (CCFFR), Montreal, Canada, 2017.

## OTHER ACCOMPLISHMENTS

- Editor in chief of the journal "Aflem" during the festival "Cinematographic Framework of Hergla", (Tunisia – 2013);
- Coordinator at the World Social Forum; managed a team of 200 volunteers (Tunisia – 2013).
- Photography exhibits "Jusqu'au bout" at the Center for Research, Studies, Documentation and Information on Women in (Tunisia/France - 2011);
- Communication and mediatization coordinator, conference and workshop "Pensons Notre Constitution" (Tunisia - 2011);
- Co-host and interviewer at the "*Radio Tunis Chaîne Internationale*" [International Tunis Radio Channel] (RTCI) (Tunisia - 2010/2011).

## LANGUAGES

French - Native fluency  
Arabic - Native fluency  
Tunisian - Native fluency  
English - Full fluency

## RESEARCHER PROFILES

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Google Scholar: [www.scholar.google.com/citations?hl=en&user=zxAtdqwAAAAJ](http://www.scholar.google.com/citations?hl=en&user=zxAtdqwAAAAJ)

ResearchGate: [www.researchgate.net/profile/Myriam\\_Khalfallah](http://www.researchgate.net/profile/Myriam_Khalfallah)