






PERSONAL INFORMATION

Firdaous Halim



-  University of the Azores, Rua da Mãe de Deus, 9500-321 Ponta Delgada, Azores, Portugal
-  +212 661 133186
-  firdaous.halim@gmail.com
-  <https://www.linkedin.com/in/firdaoushalim/>
-  Skype firdaous.halim

Sex Female | Date of birth 23/05/1989 | Nationality Moroccan

WORK EXPERIENCE

Dec 2021 – Present

Research Fellow

Gaspar Frutuoso Foundation, University of the Azores (Ponta Delgada, São Miguel, Azores, Portugal)
 Project: MaCoBioS – Marine and Coastal Biodiversity and Services in a Changing World

- Evaluating the effectiveness of Nature-based solutions to climate change adaptation.
- Identifying and analysing stakeholders' concerns and perspectives regarding the effects of climate change.
- Organizing and reporting on stakeholders' participation activities and dialogues.

Oct 2021 – Nov 2021

National Consultant

Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) (Paris, France)
 Marine Policy and Regional Coordination Section (MPR)

- Assisting the implementation of technical activities led by the MPR Section and related to the project: *“2020 Regional and global development actions in support of Ocean Literacy for all and the Joint Roadmap on Marine Spatial Planning processes worldwide in the context of the UN Decade of ocean Sciences for Sustainable Development”*.
- Organising and moderating a national dialogue in Morocco between representatives of national public authorities, academia, civil society and the private sector on Marine Spatial Planning (MSP) and sustainable blue economy to advance the discussion on implementing an ecosystem-based and knowledge-based MSP in Morocco.
- Moderating a workshop to draft a detailed National Action Plan to implement an ecosystem and knowledge-based MSP in Morocco following concrete steps.
- Supporting the technical, administrative and logistical organisation of the national dialogue.
- Liaising with IOC-UNESCO Headquarters, UNESCO offices in Rabat (Morocco), national authorities, national focal point, experts and stakeholders.

Dec 2020 – Apr 2021

Regional Consultant

Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) (Paris, France)
 Marine Policy and Regional Coordination Section (MPR)

- Supported the implementation of the MSPglobal Initiative's communication strategy.
- Developed, organized and edited the content and cartography of the initiative's storytelling tool in English, French, Spanish, Arabic (EN, FR, SP, AR).
- Developed and edited multilingual communication products and marketing materials for the initiative on Marine Spatial Planning and sustainable blue economy in EN, FR, AR.
- Prepared publication packages and web products for the initiative in EN, FR, AR.
- Coordinated with the programme specialist, the communication officer, the publication officer and the designer for the finalization and publication of the initiative's reports and multilingual communication products in EN, FR, AR (cf. Publications).

Mar 2020 – Jul 2020

Regional Consultant

Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) (Paris, France)
 Marine Policy and Regional Coordination Section (MPR)

- Supported the implementation of the IOC-UNESCO & the European Commission Joint Roadmap to accelerate Marine/Maritime Spatial Planning worldwide.
- Supported the implementation of the MSPglobal initiative pilot project in the Western Mediterranean.
- Collected and analysed data and drafted 2 technical reports on the compatibility of current maritime uses and future scenarios for the development of Marine Spatial Planning and blue economy opportunities in the Western Mediterranean (cf. Publications).
- Organized, coordinated and moderated capacity building activities in French and Arabic and supported the organization of other webinars in English, Spanish and Portuguese in subjects related to MSP and blue economy. The 15 events led to the engagement of more than 2000 Stakeholders from more than 85 countries.
- Contributed to enhance the collaboration with relevant public and private stakeholders in the Western Mediterranean.
- Assisted with project reporting to the European Commission DG-MARE (Directorate-General for Maritime Affairs and Fisheries).
- Developed and edited multilingual communication products and marketing materials for the initiative on Marine Spatial Planning and sustainable blue economy in EN, FR, AR.
- Translated reports, project documents and web content between the three languages EN, FR, AR.

Feb 2019 – Aug 2019

Intern

Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) (Paris, France)
Tsunami Unit (TSU), Ocean Observations & Services section (OOS) and Marine Policy and Regional Coordination section (MPR)

- Supported the implementation of the activities of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS).
- Implemented the strategy for the North-Eastern Atlantic, the Mediterranean and Connected Seas Tsunami Information Centre (NEAMTIC).
- Analysed the Tsunami risk on the Atlantic coast of Morocco and provided recommendations to improve the country's disaster risk management.
- Supported the implementation of the MSPglobal initiative activities.
- Supported the preparation of 7 High-Level meetings and workshops, among which, the Thirtieth General Assembly of the IOC-UNESCO composed of 150 Member States and the 3rd Edition of the MSPforum in Vigo, Spain.

Jun 2018 – Aug 2018

Research assistant

Faculty of Sciences and Technology, University of the Azores (Ponta Delgada, Azores, Portugal)

Project: GPSAzores - Geographical and Political Scenarios in maritime spatial planning for the Azores and North Atlantic

- Defined the socio-economic context and existing maritime uses and activities in the 4 archipelagos of the Macaronesia region: the Azores archipelago and Madeira (Portugal); the Canary Islands archipelago (Spain) and Cape Verde.
- Supported the establishment of the geographical and political scenarios in the MSP of the Azores and North Atlantic.
- Drafted and finalized project reports and scientific publications (cf. Publications).

Oct 2016 – Jul 2017

Project Manager (Volunteer)

Junior Chamber International (JCI) (Rabat, Morocco)

- Set the project vision, mission and goals.
- Coordinated and led the work of a team of 12 members.
- Supported the implementation of the project activities to promote awareness about organ donations in Morocco.
- Increased the number of registered organ donors by more than 15% in 6 months in the city of Rabat.
- Won the annual Award – JCI “Project of the Year”.

Nov 2015 – Feb 2017

Start-up Founder & CEO

Firma F Dar (Farm at Home) – Aquaponic Solutions (Rabat, Morocco)

Mission: Transforming unused urban spaces indoor and outdoor into productive off-soil farms for the

production of organic fish, fruits & vegetables using Aquaponic technology.

Realisations: Developed the business, prototyped the product, cultivated relationships with potential clients, fundraised, communicated and managed the start-up brand.

Awards:

- Finalist of the CleanTech Innovation Challenge program (CTIC) Morocco, A programme organized by Venturewell and supported by the United States Department of State Bureau of Energy Resources to assist in building the green and clean technology infrastructure in Morocco.
- Finalist of the Hack4impact Hackathon for a sustainable agriculture in Morocco, Hackathon organized by the Moroccan ministry for Agriculture and Maritime Fishing and the IMPACT lab incubator.
- 3rd Place winner of the Startup Weekend Competition – CleanTech Edition, Competition organized by Start-up Morocco in partnership with the Entrepreneurship Network of the OCP group (Office Chérifien des Phosphates).

Jan 2016 – Jul 2016

University Part-time Lecturer

Tutor at the first University Massive Open Online Course in Morocco

Faculty of Sciences Rabat, Mohammed V University (Rabat, Morocco)

- Designed and prepared teaching materials, tutorial videos and examinations.
- Delivered lectures.
- Assessed and graded examinations of a class of 30 students.
- Attended staff meetings, and processed administrative tasks.

Sep 2011 – Jun 2012

Research assistant

Faculty of Sciences Rabat, Mohammed V University (Rabat, Morocco)
Coastal Environment and Climate Change Research Lab

Project: Euro-Mediterranean Project START/MaghLag: Sensitivity of Coastal Lagoon Ecosystems to Climate and Related Global Changes – Developing a North African Lagoons Network

- Reviewed the 42 past years literature on the Nador lagoon.
- Collected and evaluated data-sets.
- Calculated and modelled the water, salinity, nutrient fluxes and the lagoon biogeochemical budgets.
- Quantified the lagoon's ecosystem functions and provided goods and services in order to promote the stakeholders' awareness.
- Participated and presented the research results in 2 international workshops (Cf. Conference Presentations).

EDUCATION

Sept 2017 – 2019

Erasmus Mundus Master Course in Maritime Spatial Planning (Graduated 4th)

University of Seville (Spain), University of the Azores (Portugal), University IUAV of Venice (Italy)

Thesis: "Mainstreaming Climate Change Adaptation into Ocean Planning through Maritime Spatial Planning"

- Legal framework and maritime laws.
- Maritime geography and Oceanography.
- Marine and coastal environments.
- Maritime uses and activities.
- Scenarios and strategies of integrated maritime spatial planning.
- Spatial analysis, mapping and modelling through Geographical Information Systems.

Sept 2011 – 2013

Master of Sciences in Geosciences and Applied to Sustainable Development (Class Valedictorian)

Faculty of Sciences Rabat, Mohammed V University (Rabat, Morocco)

Thesis: "Understanding the Nador Lagoon Ecosystem Services through Biogeochemical modelling"

- Climate Sciences, Coastal Sciences, Environment, Planning.

- Oceanology, Paleoclimatology, Hydrology, Hydrogeology.
- Structural Geology and applications, Petrology, Geomaterials.
- Geodynamics, Geomatics, Geoinformatics.

Sept 2007 – 2011

Bachelor of Sciences Geology (Class Valedictorian)

Faculty of Sciences Rabat, Mohammed V University (Rabat, Morocco)

Thesis: “*Environmental Impact Assessment of Ain Ksob Dam Construction*”

- Oceanography and Integrated Coastal Zone Management.
- Environmental geology, Sedimentology, Stratigraphy, Petrology, Paleontology, Cartography.

TRAININGS

Mai 2019

UN Training: BSAFE, security awareness training

United Nations Department of Safety and Security

- Taking appropriate precautionary and preparative actions.
- Playing a more active role in keeping myself and my colleagues safe.
- Effectively engaging with the UN security structure.
- Applying practical techniques to manage risks and deal with difficult circumstances.
- Reacting appropriately in the event of actual danger, threat, or injury.
- Comprehending my psychological reaction to security incidents and knowing where to obtain help.

Sep 2018

UGent Blue Growth Summer School

Ghent University Oostende Campus, GreenBridge (Oostende, Belgium)

- Wind, Wave and Tidal Energy.
- Coastal Engineering.
- Aquaculture.
- Oceans and Human Health.
- Multi-use platforms.
- Building-with-nature.
- Blue Biotechnology.
- Marine Litter.
- Deep Sea.

Sep 2018

PADDLE Tropical MSP Summer School

Institut Universitaire Européen de la Mer (Brest, France)

- MSP's challenges in tropical areas.
- Policy and governance dynamics in MSP.
- Use of ecological data in MSP tools.
- MSP and data.
- Cross-border MSP.
- Past and on-going research projects on MSP.

Jan 2015 – Mar 2015

Training on Pathway to climate change adaptation: the case of Developing States (Distinction)

Geneva University through the online platform Coursera

- The Climate system.
- The special problems of small islands developing states.
- How to identify vulnerabilities and solutions to climate change.
- Integrating climate change adaptation in policy planning.
- The Risk and Vulnerability Assessment Methodology Development Program applied to a case study.

- Jan 2011 – Jun 2011 **Training at the Department of Water Research and Planning**
 The Kingdom's Secretary of State for Water and Environment (Rabat, Morocco)

Established a hydrogeological synthesis of the Rhis Nekor groundwater table at Al Hoceima Province, (Morocco).
- Jun 2010 – Sep 2010 **Training at the Morocco's Consultants Engineers Group Company**
 (G.C.I.M) Rabat, Morocco

Assessed the Environmental Impact Assessment (EIA) of the construction of Ain Ksob dam in Ben Slimane (Morocco), study that I defended as my Bachelor degree thesis.

VOLUNTEERING

- Sep 2020 – Present **Active member – Communication Assistant**
NGO Marine Planners (Venice, Italy)

 - Developing the NGO Communication Plan.
 - Social Media management.
- Sep 2014 – Jul 2017 **Executive Vice-President – Project Manager – Active member**
NGO Junior Chamber International, Rabat Chapter (Rabat, Morocco)

 - 2017: Executive Vice-President – Overlooked and supported the implementation of activities of 3 project teams.
 - 2016: Project Manager – Set project mission and goals, implemented the project activities and supported and overlooked the activities of a team of 12 members.
 - 2014 – 2016: Active member – supported the implementation of various projects' activities.
- Jun 2016 – Sept 2016 **Program Manager**
 The Global Summit on Peace building & Social Development (Kenitra, Morocco)

 - Developed the program of an international summit that gathered 110 young delegates from 49 nationalities for a period of 2 weeks to dialogue, share and develop implementable projects advocating for social development and global peace.
- Oct 2011 – Oct 2012 **Founding Member and Treasure**
NGO Young Earth Scientists Network – Moroccan Chapter (Rabat, Morocco)

 - Organised activities related to Earth Sciences within the University.
 - Managed the NGO financial resources.

PERSONAL SKILLS

Mother tongue(s) Moroccan Arabic dialect: Darija.

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Modern Standard Arabic (MSA)	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
English	C2	C2	C1	C2	C2
Spanish	A1.2	A1.2	A1.2	A1.2	A1.2
Portuguese	A1	A1	A1	A1	A1
Japanese	A1	A1	A1	A1	A1

Communication skills

- Good **communication** skills gained through the moderation of multiple workshop and stakeholders' activities that saw the participation of hundreds of attendees, during my role as a Regional and National Consultant for IOC-UNESCO. Also, as a former entrepreneur, by giving multiple talks in conferences to large audiences, being a host of workshops and discussions, jury member of competitions, pitching my start-up project to auditoriums of hundreds of attendees, etc.

Organisational / managerial skills

- Good **organisational skills** gained through the organisation and coordination of multiple workshop and stakeholders' activities as a Regional and National Consultant for IOC-UNESCO.
- Good **Leadership and managerial skills** gained through my experience as a **Project Manager** at the NGO Junior Chamber International Rabat, where I led and coordinated the work of a team of 12 members then as an **Executive Vice President** overlooking the work of 3 project teams.
- **Creativity and Problem-solving skills** developed while being a CEO of the startup Firma F Dar (Farm at Home) – Aquaponics solutions for a period of 2 years.

Digital competence

Good command of:

- Operating systems: Microsoft Windows and MacOS.
- Microsoft Office Package: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Outlook.
- Google Workspace apps: Gmail, Meet, Calendar, Hangouts, Drive for storage, Docs, Sheets, Slides, Forms, and Sites.
- Joomla Content Management System.
- GIS softwares: ArcGIS, QGIS, ModelBuilder in ESRI ArcGIS.
- Biogeochemical modelling: LOICZ Toolbox.
- Programming languages: basic Python.
- An experience using MySQL and HTML.
- Computer-Assisted Translation Tools software: Memsources.
- Virtual Communication Tools: Skype, Zoom, GoToWebinar, GoToMeeting.

Diving skills

- PADI © Open Water Diver.
- PADI © Advanced Water Diver.

Driving licence

B

PUBLICATIONS

Reports and Peer-reviewed articles:

UNESCO-IOC. 2021. Technical Report on Current Conditions and Compatibility of Maritime Uses in the Western Mediterranean. Paris, UNESCO. (IOC Technical Series no 160). (English). **[Principal Author]**

UNESCO-COI. 2021. Rapport technique sur les conditions actuelles et la compatibilité des usages du milieu marin en Méditerranée occidentale. Paris, UNESCO. (Série technique de la COI, no 160) (French). **[Principal Author and Translator]**

UNESCO-IOC. 2021. Technical Report on Future Conditions and Scenarios for Marine Spatial Planning and Sustainable Blue Economy Opportunities in the Western Mediterranean. Paris, UNESCO. (IOC Technical Series no 162) (English). **[Co-Author]**

UNESCO-COI. 2021. Rapport technique sur les conditions futures et les scénarios pour la planification de l'espace marin et les opportunités d'économie bleue durable en Méditerranée occidentale. Paris, UNESCO. (Série technique de la COI n°162) (French). **[Co-Author and Editor]**

UNESCO-IOC. 2021. MSPglobal recommendations to promote knowledge exchange and transfer on Marine/Maritime Spatial Planning. Paris, UNESCO (IOC/TS-167). **[Contributor and Editor]**

لجنة اليونسكو الدولية الحكومية لعلوم المحيطات، 2021. دليل موجه للسكان المحليين المعنيين بالجهود الرامية إلى الحد من مخاطر الكوارث الساحلية. سبل الحد من مخاطر الكوارث الساحلية في مجتمعك المحلي: النهج المتدرج. باريس، اليونسكو، الأدلة والكتيبات الإرشادية للجنة الدولية الحكومية لعلوم المحيطات، العدد 85، المجلد 2 عربي. **[Coordinator and Editor]**

The English version of the publication:

IOC-UNESCO. 2021. Community Guide for community members interested in risk reduction efforts. How to reduce coastal hazard risk in your community: A step-by-step approach. IOC Manuals and Guides No. 85 Vol.2 (English). Paris, UNESCO.

Intergovernmental Oceanographic Commission. 2019. Preparing for the Next Tsunami: Reducing Losses and Damages in the Coastal Western Mediterranean Areas: Summary Recommendations, Rabat, Morocco, 15-16 November 2018. Paris, UNESCO. Workshop reports, 286. (English/French/Arabic). **[Co-Author]**

Calado, H., Caña Varona, M., Suarez de Vivero, J. L., Moniz, F., Halim, F., Gabriel, D., Hipólito, C., Menini, E., Kramel, D., Vergílio, M., Ferreira, M.A. 2019. Island Geography Shaping Maritime Space in Macaronesia. 2019. Europa XXI, vol. 36, pp. 89-105. **[Co-Author]**

Menini E., Halim F., Gabriel, D., Suarez de Vivero, J.L., Calado, H., Moniz, F., Caña Varona, M. 2018. Geopolitical framework of the Macaronesia region. GPS Azores project Report: Ponta Delgada. [Co-Autor]

- Multilingual Online articles: **MSPglobal. 2020. Reducing coastal vulnerability through Marine Spatial Planning and climate change adaptation strategies**. Paris, France. (English/French/Arabic).
- MSPglobal. 2020. Empowering women in maritime/marine policy-making processes for the benefit of all**. Paris, France. (English/French/Arabic).
- MSPglobal. 2020. Integrating coastal management and Marine Spatial Planning: challenges and potential solutions**. Paris, France. (English/French/Arabic).
- MSPglobal. 2020. Arabic-speaking experts share experiences in developing the Blue Economy through Marine Spatial Planning**. Paris, France. (English/French/Arabic).
- MSPglobal. 2020. خبراء ناطقون باللغة العربية يتبادلون الخبرات حول تطوير الاقتصاد الأزرق من خلال تخطيط الحيز البحري**. باريس، اليونيسكو. (العربية، الإنجليزية، الفرنسية).

- Communication Products: **لجنة اليونسكو الدولية الحكومية لعلوم المحيطات - منظمة الأمم المتحدة للتربية والعلم والثقافة (اليونسكو). 2020. كتيب عن الاقتصاد الأزرق المستدام**. باريس، اليونيسكو. (الأدلة والكتيبات الإرشادية للجنة الدولية الحكومية لعلوم المحيطات، العدد 9، العربية).
- لجنة اليونسكو الدولية الحكومية لعلوم المحيطات - منظمة الأمم المتحدة للتربية والعلم والثقافة (اليونسكو). 2020. كتيب عن مبادر MSPglobal**. باريس، اليونيسكو. (الأدلة والكتيبات الإرشادية للجنة الدولية الحكومية لعلوم المحيطات، العدد 1، العربية).
- لجنة اليونسكو الدولية الحكومية لعلوم المحيطات - منظمة الأمم المتحدة للتربية والعلم والثقافة (اليونسكو). 2020. كتيب عن أهداف التنمية المستدامة**. باريس، اليونيسكو. (الأدلة والكتيبات الإرشادية للجنة الدولية الحكومية لعلوم المحيطات، العدد 10، العربية).
- لجنة اليونسكو الدولية الحكومية لعلوم المحيطات - منظمة الأمم المتحدة للتربية والعلم والثقافة (اليونسكو). 2020. كتيب عن التفاعلات بين البر والبحر**. باريس، اليونيسكو. (الأدلة والكتيبات الإرشادية للجنة الدولية الحكومية لعلوم المحيطات، العدد 9، العربية).

ORGANISED WORKSHOPS

- MSPglobal. 2020. Réduire la vulnérabilité côtière grâce à la planification de l'espace marin et aux stratégies d'adaptation au changement climatique**. Online, Paris, France.
- Event organized, coordinated and moderated in French and attended by 75 participants from 17 countries (50% female, 40% male and 10% other).
- MSPglobal. 2020. Processus d'élaboration des politiques maritimes/marines : renforcer la participation des femmes au profit de tous**. Online, Paris, France.
- Event organized, coordinated and moderated in French and attended by 150 participants from 40 countries (52% female, 39% male and 9% other).
- MSPglobal. 2020. Intégrer la gestion des zones côtières et la planification de l'espace marin : défis et solutions possibles**. Online, Paris, France.
- Event organized, coordinated and moderated in French and attended by 144 participants from 24 countries (47% female, 53% male).
- MSPglobal. 2020. خبراء ناطقون باللغة العربية يتبادلون الخبرات حول تطوير الاقتصاد الأزرق من خلال تخطيط الحيز البحري**. باريس، اليونيسكو. باريس، فرنسا.
- MSPglobal. 2020. Arabic-speaking experts share experiences in developing the Blue Economy through Marine Spatial Planning**. Online, Paris, France.
- Event organized, coordinated and moderated in Modern Standard Arabic and attended by 92 participants from 23 countries (45% female, 55% male).
- MSPglobal. 2020. Binational training highlights cross-border synergies in Marine Spatial Planning in the West Mediterranean**. Toulon, France
- Supported the moderation and conduct of the stakeholders' binational training course co-organized with the Ministry for Europe and Foreign Affairs and the General Secretariat for the Sea of France, with the support of the French Ministry for the Ecological and Inclusive Transition and the institutions in charge of the MSPglobal National Focal Point in Algeria.
- MSPglobal. 2019. Sustainability of marine resources and preservation of biodiversity: Morocco on the path to a Blue Economy**. Rabat, Morocco.
- Supported the moderation and conduct of the stakeholders' training course co-organized with the Moroccan Ministry of Agriculture, Fisheries, Rural Development, Water and Forests.

CONFERENCES

Halim, Firdaous. 2021. "The Western Mediterranean Pilot Project". Presentation at the conference: "Final Conference of the MSPglobal initiative – Session1: Presenting the MSPglobal results " MSPglobal initiative conferences. **MSPglobal. IOC-UNESCO.**

Halim, Firdaous. 2021. "The MSPglobal Storytelling tool in The Western Mediterranean Pilot Project". Presentation at the conference: "Developing a Storytelling tool to showcase the MSPglobal pilot projects" MSPglobal initiative conferences. **MSPglobal. IOC-UNESCO.**

Halim, Firdaous. 2020. "Las condiciones actuales del Mediterráneo Occidental". Presentation at the conference: "Estableciendo puentes para la transferencia del conocimiento entre los casos pilotos de la iniciativa MSPglobal". MSPglobal initiative conferences. **MSPglobal. IOC- UNESCO.**

Halim, Firdaous. 2020. "Les conditions actuelles et scénarios futures en Méditerranéenne Occidentale". Presentation at the conference: "Présentation du progrès dans la région de la Méditerranéenne Occidentale aux points focaux nationaux et partenaires prioritaires DG-MARE et EASME". MSPglobal initiative conferences. **MSPglobal. IOC-UNESCO.**

Halim, Firdaous. 2020. "Planification de l'Espace Marin et changement climatique". Presentation at the webinar : "Réduire la vulnérabilité côtière grâce à la planification de l'es- pace marin et aux stratégies d'adaptation au changement climatique". **MSPglobal. IOC-UNESCO.**

Halim, Firdaous. 2016. "Des solutions entrepreneuriales pour faire face aux changements climatiques". Presentation at the COP22 side event 'Let's Startup Maroc - Spéciale COP22'. **COP22** (Marrakesh, Morocco).

Halim, Firdaous. 2016. Jury Member at the regional competition for the young entrepreneurs and high school students. Competition organised by Tamkeen Initiative and the **Moroccan Centre for Innovation and Social Entrepreneurship (MCISE)**. (Rabat, Morocco).

Halim, Firdaous. 2012. "An attempt to evaluate the Biogeochemical budget of the Nador Lagoon". Presentation at the **START/MaghLag Project final workshop**. (Bizerte, Tunisia).

Halim, Firdaous. 2012. "La lagune de Nador : Variables collectées pour le calcul du bilan biogéochimique de la lagune". Presentation at the international workshop on Land Ocean Interaction in the Coastal Zone (LOICZ toolbox) for the modelling of biogeochemical budget of lagoon ecosystems. **START/MaghLag Project workshop**. (Annaba, Algeria).

ADDITIONAL INFORMATION

Academic Honours and awards

- Erasmus Mundus Joint Master Degree Scholarship (24 months) – A competitive scholarship funded by the European Union and awarded to the best student applicants worldwide.
- Graduate Merit Scholarship (24 months) – A competitive scholarship funded by the Moroccan Ministry of Higher Education and Scientific Research (ENSSUP).
- Graduate and Undergraduate Class Valedictorian during 5 years of University curriculum.

Firdaous Halim

09/03/2022