



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Anis Guelmami
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Nationality	Algerian

Work experiences

Dates	2023 – Present
Occupation or position held	Project Manager and team coordinator
Name and address of employer	Tour du Valat. Le Sambuc, 13200 Arles (France)
Main Activities and responsibilities	Coordinator of the Mediterranean Wetlands Observatory.
Dates	2015 – 2023
Occupation or position held	Junior Project Manager
Name and address of employer	Tour du Valat. Le Sambuc, 13200 Arles (France)
Main Activities and responsibilities	Project development and management. Provides specialized GIS and Remote Sensing technical services for wetlands monitoring to different stakeholders all over the Mediterranean countries.
Dates	2011 – 2015
Occupation or position held	Remote Sensing and GIS Engineer
Name and address of employer	Tour du Valat. Le Sambuc, 13200 Arles (France)
Main Activities and responsibilities	Development of remote sensing and GIS based solutions for wetlands monitoring, management and conservation.

Education and Training

Ms. Conservation of Wetland Ecosystems, Uni. Aix-Marseille, France (2011)
Ms. Marine Biology and Ecology, Uni. Aix-Marseille, France (2009)
Eng. degree in Environmental Sciences, Nat. Institute of Marine Sc., Algeria (2007)

Personal skills and competences

Environmental engineer and project manager, currently coordinating the Mediterranean Wetlands Observatory. I have more than 12 years of experience in developing EO-based tools for the assessment and the monitoring of wetlands all over the Mediterranean Basin. I am also highly involved in supporting national and local wetland practitioners, in all the Mediterranean countries for implementing global and regional policy frameworks and conventions related to these ecosystems (Ramsar, Sustainable Development Goals, CBD, EU-Directives...). I am also highly interested in promoting and transferring these EO-based tools for wetlands monitoring, particularly throughout the organisation of training workshops in different countries, in both English and French.

Mother tongues(s) Arabic and French

Other language(s)
(self-assessment)
European level (*)

English
Spanish
Berber

Understanding		Speaking		Writing
Listening	Reading	Spoken Interaction	Spoken production	
C2	C2	C2	C1	C1
A1	A1	A1	A1	A1
A2	A1	A2	A1	A1

(*) Common European Framework of Reference (CEF) level

Project experiences

Dates	2022 – Present
Project, Country	AlonWetlands (Regional Mediterranean)
Position	Project manager
Responsibilities and Activities	Using EO-based tools and products assess the status of wetland ecosystems in the Mediterranean Basin and monitor their trends over the three decades 1990-2020 in terms of habitats and Land Use / Land Cover changes. Develop an online geoportal for the visualization and the dissemination of the produced maps and indicators.
Dates	2021 – Present
Project, Country	Wetlands mapping at the national scale (France)
Position	Technical and scientific advisor
Responsibilities and Activities	Support the French Ministry of Ecology in developing EO-based national maps on the extent of wetland ecosystems, their habitats and functions.
Dates	2021 – Present
Project, Country	Assessing wetlands status and trends at the national scale (France)
Position	Project manager
Responsibilities and Activities	Using EO-based tools and products assess the status of wetland ecosystems in mainland France and monitor their trends over the three decades 1990-2020 in terms of habitats and Land Use / Land Cover changes.
Dates	2019 – 2021
Project, Country	Wetlands Atlas (Algeria)
Position	Project manager
Responsibilities and Activities	With national institutional partners, design and develop a new Atlas for wetlands in Algeria, integrating maps and EO-based indicators for all the 50 Ramsar sites in the country. Provide training hands-on workshops on the use of tested and implemented EO technologies.

Dates	2017 – 2020
Project, Country	GlobDiversity (Global)
Position	Technical and scientific advisor
Responsibilities and Activities	Contribute to the development and implementation of Remotely Sensed Essential Biodiversity Variables (RS-enabled EBVs) for the monitoring of wetland ecosystems. Test the developed approaches of the Habitats fragmentation RS-enable EBV at the site level (Camargue) and upscale it to national, regional and global levels.
Dates	2015 – 2018
Project, Country	Satellite-based Wetlands Observation Service SWOS, H-2020 Project (Global)
Position	EO expert and Work Package leader
Responsibilities and Activities	Provide EO-based and user-friendly wetlands monitoring tools and data to stakeholders (e.g. LULC and LULC Change maps, Surface Water Dynamic maps, Wetlands Inventory maps and Spatial Monitoring Indicators) that supports management and reporting for environmental policies in different regions and at different temporal and spatial scales.
Dates	2011 – 2014
Project, Country	GlobWetland-II (Regional Mediterranean)
Position	EO expert
Responsibilities and Activities	Development of remote sensing and GIS monitoring tools to assess the status and trends of a set of 320 Mediterranean wetland sites. Maps production and Indicators calculation and ground validation.
Dates	2011 – 2013
Project, Country	PEGASO, FP-7 Project (Regional Mediterranean and Black Sea)
Position	EO expert and technical advisor
Responsibilities and Activities	Development of a Land Ecosystem Accounting tool (LEAC) to facilitate the implementation of an Integrated Coastal Zone Management (ICZM) platform in the Mediterranean and the Black Sea Basins.
Dates	2011 – 2012
Project, Country	RhoMéo Program (France)
Position	Remote sensing expert
Responsibilities and Activities	Development of the EO-based monitoring component of the Rhone river basin wetlands Observatory, using Remote Sensing (RS) and GIS approaches.

Additional information

Journals	<p>Beltrame C, Perennou C, Guelmami A (2015) Évolution de l'occupation du sol dans les zones humides littorales du Bassin méditerranéen de 1975 à 2005. <i>Journal of Mediterranean Geography</i>. p.97-111. https://doi.org/10.4000/mediterranee.8046</p> <p>Geijzendorffer IR, Beltrame C, Chazee L, Gaget E, Galewski T, Guelmami A, Perennou C, Popoff N, Guerra CA, Leberger R, Jalbert J, Grillas P (2019) A More Effective Ramsar Convention for the Conservation of Mediterranean Wetlands. <i>Front. Ecol. Evol.</i> 7:21. doi: 10.3389/fevo.2019.00021</p> <p>Guelmami A, Arslan D, Ernoul L (2023) Assessing the Impacts of Land Use and Land Cover Changes 1984-2020 on Wetland Habitats in the Gediz Delta (Turkey). <i>Climatic and Environmental Significance of Wetlands: Case Studies from Eurasia and North Africa</i>, edited by Abdelkrim Ben Salem, et al., IGI Global, 2023, pp. 12-23. https://doi.org/10.4018/978-1-7998-9289-2.ch002</p>
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- Leberger R, Geijzendorffer IR, Gaget E, **Guelmami A**, Galewski T, Pereira HM, Guerra CA (2020) Mediterranean wetland conservation in the context of climate and land cover change. *Regional Environmental Change*, 20(2), 67. <https://doi.org/10.1007/s10113-020-01655-0>
- Perennou C, Beltrame C, **Guelmami A**, Vives PT, Caesstecker P (2012) Existing areas and past changes of wetland extent in the Mediterranean region: An overview. *Ecol. Mediterranea* 38, 14.
- Popoff N, Gaget E, Béchet A, Dami L, Defos du Rau P, Geijzendorffer IR, **Guelmami A** et al (2021) Gap analysis of the Ramsar site network at 50: over 150 important Mediterranean sites for wintering waterbirds omitted. *Biodivers Conserv* 30, 3067–3085. <https://doi.org/10.1007/s10531-021-02236-1>
- Verniest F, Galewski T, Julliard R, **Guelmami A**, Le Viol I (2022) Coupling future climate and land-use projections reveals where to strengthen the protection of Mediterranean Key Biodiversity Areas. *Conservation Science and Practice*, 4(11), e12807. <https://doi.org/10.1111/csp2.12807>
- Weise K, Höfer R, Franke J, **Guelmami A**, Simonson W, Muro J, O'Connor B, Strauch A, Flink S, Eberle J, Mino E, Thulin S, Philipson P, van Valkengoed E, Truckenbrodt J, Zander F, Sánchez A, Schröder C, Thonfeld F, Fitoka E, Scott E, Ling M, Schwarz M, Kunz I, Thürmer G, Plasmeijer A, Hilarides L (2020) Wetland extent tools for SDG 6.6.1 reporting from the Satellite-based Wetland Observation Service (SWOS). *Remote Sensing of Environment* 247, 111892. <https://doi.org/10.1016/j.rse.2020.111892>
- Proceedings **Guelmami A**, Ernoul L, Le Gentil E (2013) Application of ICZM Tool's: Experience from the French PEGASO Study Site. Proceedings of the Global Congress on ICM: Lessons Learned to Address New Challenges EMECS 10 - MEDCOAST 2013 Joint Conference 30 Oct – 03 Nov, Marmaris, Turkey.
- Books Geijzendorffer IR, Galewski T, **Guelmami A**, Perennou C, Popoff N, Grillas P (2018) Mediterranean wetlands: a gradient from natural resilience to a fragile social-ecosystem. In *Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses*, eds M. Schröter, A. Bonn, S. Klotz, R. Seppelt, and C. Baessler (Cham: Springer International Publishing AG). doi: 10.1007/978-3-319-96229-0
- Perennou C, **Guelmami A**, Paganini M, Philipson P, Poulin B, Strauch A, Tottrup C, Truckenbrodt J, Geijzendorffer IR (2018) Chapter six - mapping Mediterranean wetlands with remote sensing: A good-looking map is not always a good map. In: Bohan, D.A., Dumbrell, A.J., Woodward, G., Jackson, M. (Eds.), *Advances in Ecological Research, Next Generation Biomonitoring: Part 1*. Academic Press, pp. 243–277. <https://doi.org/10.1016/bs.aecr.2017.12.002>
- Other Publications Mediterranean Wetlands Observatory (2014). *Land cover - Spatial dynamics in Mediterranean coastal wetlands from 1975 to 2005*. Thematic collection, issue #2. Tour du Valat, France. 48p. Translated by Charles La Via and Adam Clark. ISBN: 2-910368-60-2.
- Mediterranean Wetlands Observatory (2018) *Mediterranean Wetlands Outlook 2: Solutions for sustainable Mediterranean wetlands*. Tour du Valat, France.
- Trombetti M, Abdul Malak D, Sanchez A, **Guelmami A**, Garcia N, Fitoka E (2022) Mapping and assessment of the state of wetland ecosystems: a Mediterranean perspective. Interreg Mediterranean Biodiversity Protection Community project. University of Malaga. 84p. Available online at: <https://planbleu.org/publications/cartographie-evaluation-wetlands/>