

Supplementary material on the methodology Part II

Sources of information provided for each water body in the Work Package 3 habitat database

1. Variables: Area description and georeference

ALGERIA

Potential surface, Current surface

Google Earth Pro. 2021. Google Earth Pro, version 7.3.4.8642 [Online] [Accessed 05 February 2021] www.google.com/earth/versions/#earth-pro

Labar, S. (2009). Evaluation de la pollution des eaux souterraines dans un milieu industriel (cas de la zone industrielle de Skikda N.E. Algérien).

Ramsar. 2018. Fiche descriptive sur Ramsar. Algérie, Réserve Intégrale du Lac El Mellah. 19 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1424RIS_1803_fr.pdf

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Oubeïra. <https://rsis.ramsar.org/ris/280>

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Tonga. <https://rsis.ramsar.org/ris/281>

Ramsar. 2019. Fiche descriptive Ramsar. Algérie, Marais de la Mekhada. 14 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1301RIS_1905_fr.pdf

River discharge

ABH-CSM. 2000. Les cahiers de l'agence ABH-CSM n° 04, Bassin des Côtiers Constantinois, Septembre 2000.

Aissaoui, M., Benhamza, M. & Guettaf, M. 2017. Caractéristiques hydro chimiques des eaux de l'oued Seybouse-Cas de la région de Guelma (Nord est Algérien). Synthèse. *Revue des Sciences et de la Technologie*, 35: 178–186.

Ammari, A. & Remini, B. 2010. Estimation of Algerian rivers discharges based on Chiu's equation. *Arabian Journal of Geosciences* 3: 59–65.

Aounallah, O. 2015. Distribution and fluxes of biogeochemical variables in the Seybouse River Estuary, SW Mediterranean. *Adv Environ Biol* 9: 101–108.

Benslama & Bouchebtoul. 2020, Incidence des pratiques agricoles sur la qualité des eaux des vallées côtières de l'Est de Jijel. Master académique en géologie, Université de Jijel, 108p.

Gueriane, B. 2017. Modélisation pluie-débit sur le bassin versant de l'isser, Ecole nationale supérieure d'hydraulique, Mémoire de Master. 89 pp.

Louda, I. 2016. Etude de la vulnérabilité des eaux souterraines de la plaine alluviale du haut Sébaou par la méthode de PRASTCHIM, Ecole nationale supérieure d'hydraulique, Mémoire de Master, 192 pp.

Mebarki, A. 2005. Hydrologie des bassins de l'Est Algérien : Ressource en eau, Aménagement et environnement, Thèses de doctorat, Université de Constantine. 360 pp.

Ounissi, M., Ziouch, O.-R. & Aounallah, O. 2014. Variability of the dissolved nutrient (N, P, Si) concentrations in the Bay of Annaba in relation to the inputs of the Seybouse and Mafragh estuaries. *Marine Pollution Bulletin* 80: 234–244.

Youcef, B. & Amira, A. B. 2017. Transport of dissolved and suspended solids from three coastal rivers (North Central Algeria). *AACL Bioflux* 10(6): 1404–1412.

Ziouch, O.R., Laskri, H., Chenaker, H., Ledjedel, N.E., Daifallah, T. & Ounissi, M. 2020. Transport of nutrients from the Seybouse River to Annaba Bay (Algeria, SW Mediterranean). *Marine Pollution Bulletin* 156, 111231.

FRANCE

Geographic data

SUDOANG database (in charge : María Mateo: mmateo@azti.es and Cédric Briand: Cedric.Briand@eptb-vilaine.fr)

Pôle-relais lagunes : <https://pole-lagunes.org/>

For localisation and description of the obstacles: ROE database

<https://www.data.gouv.fr/fr/datasets/les-referentiels-des-obstacles-a-lecoulement-sur-les-cours-deau-roe/>

GREECE

Geographic data

Geodata.gov.gr (open geospatial data and services for Greece)

https://geodata.gov.gr/en/group/boundaries?fbclid=IwAR31xCpWo_Ld9j07oUI_9JnFaWMYPUQKJO_b_s24iHwruDLCllnIRKpIKhM

ITALY

Piano Nazionale di Gestione (PNG) per l'anguilla in Italia Reg. (CE) 1100/07, 2009.

Piano di Gestione dell'Anguilla – Regione Puglia, 2009.

Piano di Gestione dell'Anguilla – Regione Veneto, 2009.

Piano di Gestione dell'Anguilla in Friuli Venezia Giulia – Regione Friuli Venezia Giulia, 2009.

Piano di Gestione dello stock di anguilla europea – Regione Lombardia, 2009.

Piano di Gestione per la Ricostituzione dello stock di anguilla – Regione Lazio, 2009.

Piano di Gestione Regionale dell'anguilla in Toscana – Regione Toscana, 2009.

Piano di Gestione dell'Anguilla – Regione Sardegna, 2009.

Piano Regionale di Gestione dell'anguilla – Regione Emilia Romagna, 2009.

Piano Regionale di Gestione dell'anguilla – Regione Umbria, 2009.

Scalchi, E. 2012. Towards recovery of the European eel (*Anguilla anguilla*, L. 1758) stock: evaluation of the anthropogenic modification and mortality factors in inland and brackish waters, in order to assess the pristine and present eel escapement. PhD Thesis, XVI Cicle - Università degli Studi di Roma Tor Vergata.

SPAIN

Geographic data

Centro Nacional de Información Geográfica:

<http://centrodedescargas.cnig.es/CentroDescargas/index.jsp>

<https://centrodedescargas.cnig.es/CentroDescargas/catalogo.do?Serie=CAANE>

Ministerio para la Transición Ecológica y el Reto Demográfico:

<https://www.miteco.gob.es/es/cartografia-y-sig/ide/descargas/agua/masas-de-agua-phc-2015-2021.aspx>

Qualitative and quantitative data

Infraestructura de Datos Espaciales de España:

<https://www.idee.es/web/idee/segun-tipo-de-servicio>

Mateo, M., Drouineau, H., Pella, H., Beaulaton, L., Amilhat, E., Bardonnnet, A., Domingos, I., *et al.* 2021. Atlas of European Eel Distribution (*Anguilla anguilla*) in Portugal, Spain and France. Interreg Sudoang Project: <https://sudoang.eu/es/visuang/>

<https://aztidata.es/visuang/>

<https://zenodo.org/record/6384022>

Inventory of dams and reservoirs

Ministerio para la Transición Ecológica y el Reto Demográfico:

<https://sig.mapama.gob.es/snczi/>

2. Variables *Physicochemical characteristics and Environmental Quality parameters*

ALBANIA

Buna River

Dano, E., Neziri, A., & Halili, J. 2016. Distribution of Polychlorinated Biphenyls and Organochlorinated Pesticides in the Albanian Part of the Drin and Buna Rivers. *Journal of Environmental Protection and Ecology*, 17(1): 102–107.

Nuro, A., & Marku, E. 2011. Organochlorine pesticides residues for some aquatic systems in Albania. *Pesticides-Formulations, Effects, Fate. In Tech*, 351–374.

Nuro, A., Marku, E. & Myrtaj, B. 2013. Organochlorinated Pesticide Residues in Sediments Of Buna River.

Butrinti Lagoon

Nuro, A., & Marku, E. 2011. Organochlorine pesticides residues for some aquatic systems in Albania. *Pesticides - Formulations, Effects, Fate. In Tech*, 351–374.

Nuro, A., & Marku, E. & Myrtaj, B. 2018. An overview of Organic Pollutants in Water Ecosystems of Albania. *Madridge Journal of Analytical Sciences and Instrumentation*. 3: 77–81. doi:10.18689/mjai-1000115.

Kolitari, J., Gjyli, L., Mukli, L., Gjyli, S., & Vukaj, J. 2013. Distribution of Chlorophyll a in Lagoon of Butrint waters comparing with environment factors (Albania). *Albanian Journal of Agricultural Sciences*, 12(1), 87.

Devolli river

Shumka, S., Sandlund, O. T., Aleksii, P., & Dervishi, I. 2014. Heavy metal concentrations in tissues of freshwater fishes in a central river system of Albania. *World Journal of Fish and Marine Sciences*, 6(2), 131–135.

Drini River

Dano, E., Neziri, A., & Halili, J. 2016. Distribution of Polychlorinated Biphenyls and Organochlorinated Pesticides in the Albanian Part of the Drin and Buna Rivers. *Journal of Environmental Protection and Ecology*, 17(1), 102–107.

Neziri, A. and Gossier, W. 2004. Determination of heavy metals in water and sediments of Drini river, Buna River and Lake Shkodra. BALWOIS Conference on Water Observation and Information System. https://balwois.com/wp-content/uploads/old_proc/ffp-541.pdf

Erzeni River

Shehu, A., Vasjari, M., Baraj, E., Lilo, R., & Allabashi, R. 2016. Contamination status of Erzeni River, Albania due to heavy metals spatial and temporal distribution. *Fresenius Environmental Bulletin*, 25(2), 525–533.

Ishem River

Nuro, A., Marku, E., Murtaj, B., & Plaku, V. 2017. Determination of some organic pollutants in waters rivers of Tirana city. *Zaštita materijala*, 58(2), 212–221.

Karavasta Lagoon

Koto, R., Bani, A., Topi, T., & Topi, M. 2014. Water quality and heavy metal content of Karavasta Lagoon in Albania. *Fresenius Environmental Bulletin*, 23(12b), 3296–3302.

Koto, R. & Bani, A. 2015. Assessment of nutrients and vegetation in in Karavasta Lagoon.

Myrtaj. 2015. Modelimi i shpërndarjes së ndotjes në lagunën e Karavastasë. PHD Republika E Shqipërisë Universiteti I Tiranës Fakulteti I Shkencave Të Natyrës Departamenti I Kimisë.

Kune-Vain Lagoon

Bani, A., Rroco, E., Malltezi, J., Shallari, S., Libohova, Z., Sinaj, S. & Qafoku, N. 2018. Water quality in Albania: An overview of sources of contamination and controlling factors. *Albanian j. agric. sci.*; (Special edition – Proceedings of ICOALS, 2018)

Kokali, A., Sulçe, S., Bici, E., Poga, Z. & Dungu, E. 2016. The comparison of quality water and sediments between the lagoons of Lezha. *European Journal of Earth and Environment*. Vol. 3, No. 2., ISSN 2056-5860

Milori, E., Zhori, A., Agolli, I. & Beqiraj, S. 2013. Distribution of the invasive blue crab *Callinectes sapidus* Rathbun, 1896 along the Albanian coast. Proceedings, 4th ESENIAS Workshop: International Workshop on IAS in Agricultural and Non-Agricultural Areas in ESENIAS Region, Çanakkale, Turkey, 16-17 December 2013. p. 96–100

Nuro, A., & Marku, E. & Myrtaj, B. 2018. An overview of Organic Pollutants in Water Ecosystems of Albania. *Madridge Journal of Analytical Sciences and Instrumentation*, 3: 77–81. doi: 10.18689/mjai-1000115.

Nuro, A. & Marku, E. 2013.. Study of organochlorinated pollutants in Kune-Vaini lagoon.

Mati river

Abazi & Kupe. 2012. Water Quality in some Albanian Rivers

Bani, A., Rroco, E., Malltezi, J., Shallari, S., Libohova, Z., Sinaj, S. & Qafoku, N. 2018. Water quality in Albania: An overview of sources of contamination and controlling factors. *Albanian j. agric. sci.* 2018; (Special edition – Proceedings of ICOALS, 2018)

Miho, A., Kupe, L., Jaupaj, O., Karjalainen, S. M., Hellsten, S., & Pritzl, G. 2008. Overview of water quality of Albanian rivers. In: The Third International Scientific Conference BALWOIS.

Nuro, A., Marku, E., & Murtaj, B. 2018. An overview of Organic Pollutants in Water Ecosystems of Albania. *Madridge J Anal Sci Instrum*, 3(1): 77–81.

Narta Lagoon

Çako, V., Zhuri, E., Babani, F., & Karaja, T. 2014. Water Transparency as one as of Trophic State Indices in Narta Lagoon. *IOSR Journal of Engineering (IOSRJEN)*. Vol. 04: 15–22. doi:10.9790/3021-04471522.

Kane, S., Qarri, F., Lazo, P., & Bektashi, L. 2015. The effect of physico-chemical parameters and nutrients on fish growth in Narta Lagoon, Albania. *Journal of Hygienic Engineering and Design*, 639: 62–68.

Kane, S. & Lazo, P. 2013. PHD. Studim i gjendjes mjedisore të Gjirit të Vlorës nëpërmjet parametrave kimiko fizikë të tij.

Pano, N., Lazaridou, M., & Frasherri, A. 2005. Coastal Management of the Ecosystem Vlora Bay-Narta Lagoon-Vjosa River Mouth. *Albanian J. Nat. Techn. Sci*, 11: 141–157.

Patoku Lagoon

Babani F., Kongjika E., Mullaj A. & Ylli A. 2006. Characterization of trophic state of some Albanian water ecosystems based on phytoplankton photosynthetic pigments. Biological Research Institute, Albanian

Academy of Sciences , Tirana , Albania Biological Research Institute, Sami Frasheri str, No 5, Tirana, Albania P.O.Box 1534

Marku, E., Nuro, A., & Mance, S. 2016. A Preliminary Survey of Some Chlorinated Organic Pollutants In Patoku Lagoon, Albania. *Journal of Environmental Protection and Ecology*, 17(1), 94-101.

Milori, E., Zhorri, A., Agolli, I. & Beqiraj, S. 2013. Distribution of the invasive blue crab *Callinectes sapidus* Rathbun, 1896 along the Albanian coast. Proceedings, 4th ESENIAS Workshop: International Workshop on IAS in Agricultural and Non-Agricultural Areas in ESENIAS Region, Çanakkale, Turkey, 16-17 December 2013. p. 96–100

Nuro, A., & Marku, E. & Myrtaj, B. 2018. An overview of Organic Pollutants in Water Ecosystems of Albania. *Madridge Journal of Analytical Sciences and Instrumentation*, 3: 77–81. doi:10.18689/mjai-1000115.

Rivaró, P., Ianni, C., Massolo, S., Ruggieri, N., & Frache, R. 2004. Heavy metals in Albanian coastal sediments. *Toxicological & Environmental Chemistry*, 86(2): 87–99.

Semani River

Bani, A., Rroco, E., Malltezi, J., Shallari, S., Libohova, Z., Sinaj, S. & Qafoku, N. 2018. Water quality in Albania: An overview of sources of contamination and controlling factors. *Albanian j. agric. sci.* 2018; (Special edition – Proceedings of ICOALS, 2018)

Marku, E. & Nuro, A. 2019. A Preliminary Study of Persistent Organic Pollutants in Waters of Vjosa River, Albania. doi:10.13140/RG.2.2.11138.02244.

Shkumbini River

Bani, A., Rroco, E., Malltezi, J., Shallari, S., Libohova, Z., Sinaj, S. & Qafoku, N. 2018. Water quality in Albania: An overview of sources of contamination and controlling factors. *Albanian j. agric. sci.* 2018; (Special edition – Proceedings of ICOALS, 2018)

Paparisto, A., Lazo, P., Halimi, E., Duka, S., Hamzaraj, E., Laknori, O., & Pepa, B. 2010. Assessment of water quality of Shkumbini river, Albania. *Asian Journal of Chemistry*, 22(8), 6164–6172.

Skadar Lake

GIZ. 2017. Initial Characterisation of Lakes Prespa, Ohrid and Shkodra/Skadar. Conservation and Sustainable use of Biodiversity at Lake Prespa, Ohrid and Shkodra/Skadar (CSBL) (Implementing the EU Water Framework Directive in South-Eastern Europe). doi:10.13140/RG.2.2.36234.98245.

Nuro, A., & Marku, E. 2011. Organochlorine pesticides residues for some aquatic systems in Albania. Pesticides-Formulations, Effects, Fate. *In Tech*, 351–374.

Pešić, V., Karaman, G., & Kostianoy, A. G. (Eds.). 2018. The Skadar/Shkodra Lake Environment. Springer International Publishing.

Skarbøvik, E., Perović, A., Shumka, S., & Nagothu, U. S. 2014. Nutrient inputs, trophic status and water management challenges in the transboundary Lake Skadar/Shkodra, Western Balkans. *Archives of Biological Sciences*, 66(2): 667–81.

Viluni Lagoon

Arapi A. & Cullaj A. 2005. Valuation of environmental situation of three lagoons based on specification analyses of heavy metals in sediments. Scientific Bulletin, Natural Sciences Series, University of Shkodra "Luigj Gurakuqi", No. 55, 29–36.

Barbieri, M., Garone, A., Neziri, A., & Rossi, M. 2015. First groundwater chemical status assessment of the Buna River-Protected Landscape (Albania). *Environmental Earth Sciences*, 74(7), 6325–6338.

Bino, T. 2002). Ornitofauna – në “Raport mbi monitorimin e faunës në komplekset ligatinore të Velipojës, Kune- Vainit, Patokut, Karavastasë dhe Sarandës. Muzeu i Shkencave Natyrore - Ministria e Mjedisit. Tiranë: 35–60.

Çako, V. & Babani, F. 2011. Evaluation of the trophic state in Vilun lagoon. *Advances in Bioscience and Biotechnology*, 2(4): 311.

GWP-Med, PAP/RAC, UNESCO-IHP. 2015. Integrated Resources Management Plan (IRMP) for the Buna/ Bojana Area. Paris, France

Miho A., Kashta L. & Beqiraj S. 2013. Between the Land and the Sea - Ecoguide to discover the transitional waters of Albania.

Neziri, A & Marku, E. 2014. Persistent organochlorine pesticide residues in water samples from Buna river mouth and Viluni lagoon ecosystem (Albania).

ALGERIA

Annual Average water temperature

Abdelloche, E.A., Kerouaz, M. & Kessasra, F.E. 2019. Problèmes liés à la présence des composés azotés et phosphatés dans les eaux de surface et souterraines de la basse vallée de la Soummam. Université de Jijel.

Aissaoui, M., Benhamza, M. & Guettaf, M. 2017. Caractéristiques hydro chimiques des eaux de l'oued Seybouse-Cas de la région de Guelma (Nord est Algérien). *Synthèse: Revue des Sciences et de la Technologie* 35: 178–186.

Benaïcha, A. & Maddi, S. 2001. L'évaluation du lac de Réghaia et le phénomène de dégradation. Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 117 pp.

Bendjama, A., Djabri, L., Chouchane, T., Boukari, A. & Tili S. 2016. La qualité des eaux lacustres appartenant aux zones humide du PNEK-Algerie. Third International Conference on Energy, Materials, Applied Energetics and Pollution ICEMAEP 2016, October 30-31, Constantine, Algeria, 1109–1114.

Benhalima, L., Amri, S., Bensouilah, M. & Ouzrout, R. 2020. Heavy metal resistance and metallothionein induction in bacteria isolated from Seybouse river, Algeria. *Appl Ecol Environ Res* 18: 1721–1737.

Benrabah, S., Bousnoubra, H., Kherici, N. & Côte, M. 2013. Caractérisation de la qualité des eaux de l'oued Kebir Quest (Nord Est algérien). *Synthese* 26 (2013): 30–39.

Bensafia, N., Djabourabi, A., Touati, H., Rachedi, M. & Belhaoues, S. 2020. Evolution of physicochemical parameters and trophic state of three Park National of El-Kala water bodies (North-east Algeria). *Egypt. Aquat. Biol. Fish.*, 24(2): 249–263.

Bouchelouche, D., Sefiane, H., Saal, I., Hafiane, M. & Arab, A. 2019. Application of Multivariate Statistical Analysis in the Assessment of Surface Water Quality in the Hydrographic Network of Mazafran Wadi, Algeria, Euro-Mediterranean Conference for Environmental Integration. Springer, pp. 1925–1929.

Boudjenah, M. & Mokrane, Z. 2020. Dynamics of phytoplankton groups in estuarine area of Oued River (Mazafran, Algeria). *Ukrainian Journal of Ecology* 10: 16–25.

Chaoui L., Kara M.H., Faure E. & Quignard J.P. 2006. L'ichtyofaune de la lagune du Mellah (Algérie Nord-Est): diversité, production et analyse des captures commerciales. *Cybium*, 30(2): 123–132.

Cherana, H., Boukraa, S. & Kessasra, F.E. 2013. Suivi de la qualité physico-chimique des eaux de la moyenne vallée de la soummam (Tazmalt-Sidi aïch). Université de Jijel.

Dehbi-Zebboudj, A. & Djouad, S. 2015. Les Algues, Les Cyanobacteries Et La Qualite Des Eaux De L'oued Soummam (Bejaia, Algerie). International Conference On The Hydrology Of Large River Basins Of Africa Hammamet, Tunisie, 26-30 Octobre 2015.

Djabourabi A. 2014. Impact de facteurs environnementaux et de microalgues toxiques sur certains organismes aquatiques (bivalves). Thèse de doctorat, Université Badji Mokhtar, Annaba, Algérie, 182 pp.

Djebbari, N., Hamza, I., Ladjama, I., Kaouachi, N., Barour, C. & Bensouilah M. 2015. Environmental Parameters and Temporal Dynamics of *Anguillicoïdes crassus* in Tonga Lake and Mafrag estuary (North-East of Algeria). *Research Journal of Fisheries and Hydrobiology*, 10(14): 147–156

- Djemai, M., Saibi, H., Mesbah, M. & Robertson, A.** 2017. Spatio-temporal evolution of the physico-chemical water characteristics of the Sebaou river valley (Great Kabylia, Algeria). *Journal of Hydrology: Regional Studies* 12: 33–49.
- Djouahra, C. & Arab, A.** 2017. Biological parameters and parasite loads of eel populations (*Anguilla anguilla*) inhabiting two water bodies in coastal Algeria. *Revue d'Ecologie (Terre et Vie)*, 72 (3): 293–302.
- Guettaf, M., Maoui, A. & Ihdene, Z.** 2017. Assessment of water quality: a case study of the Seybouse River (North East of Algeria). *Applied Water Science* 7: 295–307.
- El Haouati, H.** 2009. Suivi des caractéristiques physico-chimiques et phytoplanctoniques du lac de Réghaia (Wilaya d'Alger). Mémoire de Magister. U.S.T.H.B. 160 pp.
- El Haouati, H.** 2015. Adaptation d'un indice phytoplanctonique pour l'évaluation de la qualité des eaux des écosystèmes lacustres algériens. Thèse de Doctorat en Sciences. U.S.T.H.B. 242 pp.
- Lazizi, A. & Laifa, A.** 2020. Assessment of the Surface Water Quality: A Case of Wadi El-Kébir West Watershed, Skikda, North-East Algeria. *Nature Environment & Pollution Technology* 19.
- Mahiddine, F. Z.** 2017. Etude comparative de la répartition du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (wilaya d'Alger) et le barrage de Ghrib (wilaya d'Ain Defla). Mémoire de Master. Université de Blida. 60 pp.
- Mezedjri, L.** 2008. Modélisation de l'Impact de la Pollution Industrielle Hydrique dans le Golfe de Skikda (Littoral Est algérien). Doi:10.13140/RG.2.2.11990.91204.
- Mouni, L.** 2004. Etude et caractérisation physico-chimique des rejets dans l'oued Soummam. Univ-Bouira. dz.
- Ouassila, A. & Faiza, R.** 2010. Distribution spatiale du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (Wilaya d'Alger). Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 46 pp.
- Reggam, A., Bouchelaghem, E.-H., Hanane, S. & Houhamdi, M.** 2017. Effects of anthropogenic activities on the quality of surface water of Seybouse River (northeast of the Algeria). *Arabian Journal of Geosciences* 10: 1–7.
- Reguig, S. N. & Benayache, I.** 2018. Etude comparative des peuplements phytoplanctoniques indicateurs de la qualité des eaux dans deux systèmes lacustres « le lac du barrage de Keddara (Boumerdes) et le lac de Réghaia (Alger). Mémoire d'Ingénieur d'Etat. E.N.S.S.M.A.L. 54 pp.
- Saal, I., Bouchelouche, D., Hamache, C. & Arab, A.** 2021. Evaluation of the surface water quality in the Kebir-Rhumel catchment area (northeast Algeria) using biotic indices and physico-chemical analyses. *Environmental Science and Pollution Research* 28: 46565–46579.
- Shili, N.** 2008. Evolution des peuplements phytoplanctoniques au niveau du lac Oubéira et la lagune El Mellah. Mémoire de Magistère, Université Badji Mokhtar, Annaba, 135 pp.
- Trophic status*
- Abdelloche, E.A., Kerouaz, M. & Kessasra, F.E.** 2019. Problèmes liés à la présence des composés azotés et phosphatés dans les eaux de surface et souterraines de la basse vallée de la Soummam. Université de Jijel.
- Aissaoui, M., Benhamza, M. & Guettaf, M.** 2017. Caractéristiques hydro chimiques des eaux de l'oued Seybouse-Cas de la région de Guelma (Nord est Algérien). *Synthèse: Revue des Sciences et de la Technologie* 35: 178–186.
- Aounallah, O.** 2015. Distribution and fluxes of biogeochemical variables in the Seybouse River Estuary, SW Mediterranean. *Adv Environ Biol* 9: 101–108.
- Benaïcha, A. & Maddi, S.** 2001. L'évaluation du lac de Réghaia et le phénomène de dégradation. Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 117 pp.
- Benrabah, S., Bousnoubra, H., Kherici, N. & Côte, M.** 2013. Caractérisation de la qualité des eaux de l'oued Kebir Quest (Nord Est algérien). *Synthese* 26 (2013): 30–39.

- Bouchelouche, D., Sefiane, H., Saal, I., Hafiane, M. & Arab, A.** 2019. Application of Multivariate Statistical Analysis in the Assessment of Surface Water Quality in the Hydrographic Network of Mazafran Wadi, Algeria, Euro-Mediterranean Conference for Environmental Integration. Springer, pp. 1925–1929.
- Cherana, H., Boukraa, S. & Kessasra, F.E.** 2013. Suivi de la qualité physico-chimique des eaux de la moyenne vallée de la soummam (Tazmalt-Sidi aich). Université de Jijel.
- Dehbi-Zeboudj, A. & Djouad, S.** 2015. Les Algues, Les Cyanobacteries Et La Qualite Des Eaux De L'oued Soummam (Bejaia, Algeria). International Conference On The Hydrology Of Large River Basins Of Africa Hammamet, Tunisie, 26-30 Octobre 2015.
- Djabourabi A.** 2014. Impact de facteurs environnementaux et de microalgues toxiques sur certains organismes aquatiques (bivalves). Thèse de doctorat, Université Badji Mokhtar, Annaba, Algérie, 182 pp.
- Djemai, M., Saibi, H., Mesbah, M. & Robertson, A.** 2017. Spatio-temporal evolution of the physico-chemical water characteristics of the Sebaou river valley (Great Kabylia, Algeria). *Journal of Hydrology: Regional Studies* 12: 33–49.
- Draredja, M. A., Frihi, H., Boualleg, C., Gofart, A., Abadie, E. & Laabir, M.** 2019. Seasonal variations of phytoplankton community in relation to environmental factors in a protected meso-oligotrophic southern Mediterranean marine ecosystem (Mellah lagoon, Algeria) with an emphasis of HAB species. *Environmental Monitoring and Assessment*, 191: 603.
- Guettaf, M., Maoui, A. & Ihdene, Z.** 2017. Assessment of water quality: a case study of the Seybouse River (North East of Algeria). *Applied Water Science* 7: 295–307.
- El Haouati, H.** 2009. Suivi des caractéristiques physico-chimiques et phytoplanctoniques du lac de Réghaia (Wilaya d'Alger). Mémoire de Magister. U.S.T.H.B. 160 pp.
- El Haouati, H.** 2015. Adaptation d'un indice phytoplanctonique pour l'évaluation de la qualité des eaux des écosystèmes lacustres algériens. Thèse de Doctorat en Sciences. U.S.T.H.B. 242 pp.
- Lazizi, A. & Laifa, A.** 2020. Assessment of the Surface Water Quality: A Case of Wadi El-Kébir West Watershed, Skikda, North-East Algeria. *Nature Environment & Pollution Technology* 19.
- Mahiddine, F. Z.** 2017. Etude comparative de la répartition du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (wilaya d'Alger) et le barrage de Ghrib (wilaya d'Ain Defla). Mémoire de Master. Université de Blida. 60 pp.
- Mezedjri, L.** 2008. Modélisation de l'Impact de la Pollution Industrielle Hydrique dans le Golfe de Skikda (Littoral Est algérien). Doi:10.13140/RG.2.2.11990.91204.
- Mouni, L.** 2004. Etude et caractérisation physico-chimique des rejets dans l'oued Soummam. Univ-Bouira. dz.
- Ouassila, A. & Faiza, R.** 2010. Distribution spatiale du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (Wilaya d'Alger). Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 46 pp.
- Ounissi, M., Ziouch, O.-R. & Aounallah, O.** 2014. Variability of the dissolved nutrient (N, P, Si) concentrations in the Bay of Annaba in relation to the inputs of the Seybouse and Mafragh estuaries. *Marine Pollution Bulletin* 80: 234–244.
- Rachedi, L.H. & Amarchi, H.** 2015. Assessment of the water quality of the Seybouse River (north-east Algeria) using the CCME WQI model. *Water Science and Technology: Water Supply* 15: 793–801.
- Reggam, A., Bouchelaghem, E.-H., Hanane, S. & Houhamdi, M.** 2017. Effects of anthropogenic activities on the quality of surface water of Seybouse River (northeast of the Algeria). *Arabian Journal of Geosciences* 10: 1–7.
- Reguig, S. N. & Benayache, I.** 2018. Etude comparative des peuplements phytoplanctoniques indicateurs de la qualité des eaux dans deux systèmes lacustres « le lac du barrage de Keddara (Boumerdes) et le lac de Réghaia (Alger). Mémoire d'Ingénieur d'Etat. E.N.S.S.M.A.L. 54 pp.

Saal, I., Bouchelouche, D., Hamache, C. & Arab, A. 2021. Evaluation of the surface water quality in the Kebir-Rhumel catchment area (northeast Algeria) using biotic indices and physico-chemical analyses. *Environmental Science and Pollution Research* 28: 46565–46579.

Shili, N. 2008. Evolution des peuplements phytoplanctoniques au niveau du lac Oubéira et la lagune El Mellah. Mémoire de Magistère, Université Badji Mokhtar, Annaba, 135 pp.

Youcef, B. & Amira, A. B. 2017. Transport of dissolved and suspended solids from three coastal rivers (North Central Algeria). *AACL Bioflux* 10(6):1404–1412.

Ziouch, O.R., Laskri, H., Chenaker, H., Ledjedel, N.E., Daifallah, T. & Ounissi, M. 2020. Transport of nutrients from the Seybouse River to Annaba Bay (Algeria, SW Mediterranean). *Marine Pollution Bulletin* 156: 111231.

Annual Average salinity

Benaïcha, A. & Maddi, S. 2001. L'évaluation du lac de Réghaïa et le phénomène de dégradation. Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 117 pp.

Dehbi-Zebboudj, A. & Djouad, S. 2015. Les Algues, Les Cyanobactéries Et La Qualité Des Eaux De L'oued Soummam (Bejaïa, Algérie). International Conference On The Hydrology Of Large River Basins Of Africa Hammamet, Tunisie, 26-30 Octobre 2015.

Djabourabi A. 2014. Impact de facteurs environnementaux et de microalgues toxiques sur certains organismes aquatiques (bivalves). Thèse de doctorat, Université Badji Mokhtar, Annaba, Algérie, 182 pp.

Djebbari, N., Hamza, I., Ladjama, I., Kaouachi, N., Barour, C. & Bensouilah M. 2015. Environmental Parameters and Temporal Dynamics of *Anguillucoides crassus* in Tonga Lake and Mafrag estuary (North-East of Algeria). *Research Journal of Fisheries and Hydrobiology*, 10(14): 147–156

El Haouati, H. 2009. Suivi des caractéristiques physico-chimiques et phytoplanctoniques du lac de Réghaïa (Wilaya d'Alger). Mémoire de Magister. U.S.T.H.B. 160 pp.

El Haouati, H. 2015. Adaptation d'un indice phytoplanctonique pour l'évaluation de la qualité des eaux des écosystèmes lacustres algériens. Thèse de Doctorat en Sciences. U.S.T.H.B. 242 pp.

Mahiddine, F. Z. 2017. Etude comparative de la répartition du phytoplancton en fonction du degré de pollution dans le lac de Réghaïa (wilaya d'Alger) et le barrage de Ghrib (wilaya d'Ain Defla). Mémoire de Master. Université de Blida. 60 pp.

Mezedjri, L. 2008. Modélisation de l'Impact de la Pollution Industrielle Hydrique dans le Golfe de Skikda (Littoral Est algérien). Doi:10.13140/RG.2.2.11990.91204.

Ouassila, A. & Faïza, R. 2010. Distribution spatiale du phytoplancton en fonction du degré de pollution dans le lac de Réghaïa (Wilaya d'Alger). Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 46 pp.

Reguig, S. N. & Benayache, I. 2018. Etude comparative des peuplements phytoplanctoniques indicateurs de la qualité des eaux dans deux systèmes lacustres « le lac du barrage de Keddara (Boumerdes) et le lac de Réghaïa (Alger). Mémoire d'Ingénieur d'Etat. E.N.S.S.M.A.L. 54 pp.

Shili, N. 2008. Evolution des peuplements phytoplanctoniques au niveau du lac Oubéira et la lagune El Mellah. Mémoire de Magistère, Université Badji Mokhtar, Annaba, 135 pp.

Saline typology

Aïssaoui, M., Benhamza, M. & Guettaf, M. 2017. Caractéristiques hydro chimiques des eaux de l'oued Seybouse-Cas de la région de Guelma (Nord est Algérien). *Synthèse: Revue des Sciences et de la Technologie* 35: 178–186.

Aounallah, O. 2015. Distribution and fluxes of biogeochemical variables in the Seybouse River Estuary, SW Mediterranean. *Adv Environ Biol* 9: 101–108.

Benaïcha, A. & Maddi, S. 2001. L'évaluation du lac de Réghaïa et le phénomène de dégradation. Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 117 pp.

- Benhalima, L., Amri, S., Bensouilah, M. & Ouzrout, R.** 2020. Heavy metal resistance and metallothionein induction in bacteria isolated from Seybouse river, Algeria. *Appl Ecol Environ Res* 18: 1721–1737.
- Boudjenah, M. & Mokrane, Z.** 2020. Dynamics of phytoplankton groups in estuarine area of Oued River (Mazafran, Algeria). *Ukrainian Journal of Ecology* 10: 16–25.
- Dehbi-Zebboudj, A. & Djouad, S.** 2015. Les Algues, Les Cyanobacteries Et La Qualite Des Eaux De L'oued Soummam (Bejaia, Algeria). International Conference On The Hydrology Of Large River Basins Of Africa Hammamet, Tunisie, 26-30 Octobre 2015.
- El Haouati, H.** 2009. Suivi des caractéristiques physico-chimiques et phytoplanctoniques du lac de Réghaia (Wilaya d'Alger). Mémoire de Magister. U.S.T.H.B. 160 pp.
- El Haouati, H.** 2015. Adaptation d'un indice phytoplanctonique pour l'évaluation de la qualité des eaux des écosystèmes lacustres algériens. Thèse de Doctorat en Sciences. U.S.T.H.B. 242 pp.
- Mahiddine, F. Z.** 2017. Etude comparative de la répartition du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (wilaya d'Alger) et le barrage de Ghrib (wilaya d'Ain Defla). Mémoire de Master. Université de Blida. 60 pp.
- Mezedjri, L.** 2008. Modélisation de l'Impact de la Pollution Industrielle Hydrique dans le Golfe de Skikda (Littoral Est algérien). Doi:10.13140/RG.2.2.11990.91204.
- Ouassila, A. & Faiza, R.** 2010. Distribution spatiale du phytoplancton en fonction du degré de pollution dans le lac de Réghaia (Wilaya d'Alger). Mémoire d'Ingénieur d'Etat. U.S.T.H.B. 46 pp.
- Reguig, S. N. & Benayache, I.** 2018. Etude comparative des peuplements phytoplanctoniques indicateurs de la qualité des eaux dans deux systèmes lacustres « le lac du barrage de Keddara (Boumerdes) et le lac de Réghaia (Alger). Mémoire d'Ingénieur d'Etat. E.N.S.S.M.A.L. 54 pp.
- Saal, I., Bouchelouche, D., Hamache, C. & Arab, A.** 2021. Evaluation of the surface water quality in the Kebir-Rhumel catchment area (northeast Algeria) using biotic indices and physico-chemical analyses. *Environmental Science and Pollution Research* 28: 46565–46579.
- Heavy metals*
- Aissaoui, M., Benhamza, M. & Guettaf, M.** 2017. Caractéristiques hydro chimiques des eaux de l'oued Seybouse-Cas de la région de Guelma (Nord est Algérien). *Synthèse: Revue des Sciences et de la Technologie* 35: 178–186.
- Belabed, B., Boudjelida, H., Djabri, L. & Bensouilah M.** 2011. Evaluation of the metal contaminations in the surface sediments of the Oubeira lagoon, National Park of El Kala, Algeria. *Archives of Applied Science Research*, 3(4):51–62.
- Bendjama A.** 2007. Niveaux de contamination par les métaux lourds du complexe lacustre « Tonga, Oubeira, El- Mellah » du Parc National d'El-Kala. Mémoire Magistère, Université Badji Mokhtar, Annaba, 192 pp.
- Benhalima, L., Amri, S., Bensouilah, M. & Ouzrout, R.** 2020. Heavy metal resistance and metallothionein induction in bacteria isolated from Seybouse river, Algeria. *Appl Ecol Environ Res* 18: 1721–1737.
- Benrabah, S., Bousnoubra, H., Kherici, N. & Côte, M.** 2013. Caractérisation de la qualité des eaux de l'oued Kebir Quest (Nord Est algérien). *Synthese* 26 (2013): 30–39.
- Bensaâd-Bendjedid, L.** 2018. Ecobiologie de deux mollusques bivalves (*Cerastoderma glaucum* et *Ruditapes decussatus*) peuplant la lagune El Mellah. Thèse de doctorat, Université Badji Mokhtar, Annaba, Algérie, 101 pp.
- Djemai, M., Saibi, H., Mesbah, M. & Robertson, A.** 2017. Spatio-temporal evolution of the physico-chemical water characteristics of the Sebaou river valley (Great Kabylia, Algeria). *Journal of Hydrology: Regional Studies* 12: 33–49.
- Haderbache, S., Salmi-Gherbi, R.E. & Hamitouche, M.** 2017. Evaluation de la pollution métallique de l'Oued Soummam par le dosage des métaux lourds dans le muscle de quelques espèces de poissons.

Louhi, A., Hammadi, A. & Achouri, M. 2012. Determination of some heavy metal pollutants in sediments of the Seybouse River in Annaba, Algeria. *Air, Soil and Water Research* 5: S10081.

Mezedjri, L. 2008. Modélisation de l'Impact de la Pollution Industrielle Hydrique dans le Golfe de Skikda (Littoral Est algérien). Doi:10.13140/RG.2.2.11990.91204.

Rachedi, L.H. & Amarchi, H. 2015. Assessment of the water quality of the Seybouse River (north-east Algeria) using the CCME WQI model. *Water Science and Technology: Water Supply* 15: 793–801.

Talbi, H. & Kachi, S. 2019. Evaluation of heavy metal contamination in sediments of the Seybouse River, Guelma–Annaba, Algeria. *Journal of Water and Land Development*.

Land uses, Protected surface

Ramsar. 2018. Fiche descriptive sur Ramsar. Algérie, Réserve Intégrale du Lac El Mellah. 19 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1424RIS_1803_fr.pdf

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Oubeïra. <https://rsis.ramsar.org/ris/280>

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Tonga. <https://rsis.ramsar.org/ris/281>

Ramsar. 2019. Fiche descriptive Ramsar. Algérie, Marais de la Mekhada. 14 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1301RIS_1905_fr.pdf

EGYPT

Abbassy, M. A., Abdel-Halim, K.Y. & El-Meseiry, M.A. 2019. Bioaccumulation of Pesticides in Aquatic System of Edku Lake, Egypt: An Approach for Risk Associated With Fish Consumption. *Academic Journal of Life Sciences*. 5(9): 61–69.

Abdel-Satar, A. M., Ali, M. H. & Goher, M. E. 2017. Indices of water quality and metal pollution of Nile River, Egypt. *Egyptian Journal of Aquatic Research*.

Azab, A. M., Darwish, A. A., Mahmoud, H. A. & Sdeek, F. A. 2013. Residue levels of organochlorine pesticides in some ecosystem components of Manzala Lake. *Environmental Monitoring and Assessment*. 185(12):10257–10268.

Barakat, A. O., Mostafa, A., Wade, T. L., Sweet, S. T. & El Sayed, N. B. 2012. Assessment of persistent organochlorine pollutants in sediments from Lake Manzala, Egypt. *Marine Pollution Bulletin* 64 (2012):1713–1720.

Basiony, A. I. 2009. Environmental study on the pollution of Lake Burullus with heavy metals and organochlorine pesticides contaminants in water, sediment and fish. Egyptian National commission for Unesco-Alesco- Isesco, Report.

Basiony, A. I. 2014. Environmental Studies on Heavy metal Pollution and Management of Lake Burullus, Egypt. M. Sc. Thesis. Port Said University, Faculty of Science. 135 pp.

El-Batrawy, O. A., El-Gammal, M. I., Mohamadein, L. I., Darwish, D. H. & El-Moselhy, K.M. 2017. Estimation of organo-chlorine residues in water and tilapia fish of Lake Burullus, Egypt. *Egyptian Journal of Zoology* 68 (68): 301–320.

El-Betar, T. A. 2016. Growth and reproductive studies on *Bagrus bajad* in Lake Burullus-Egypt. Ph.D. Thesis. Dep. Of animal and Fish production, Fac. Of Agr., Alex. Univ.

EEAA. 2019. Egyptian Environmental Affairs Agency, Annual Reports of the Environmental Monitoring Program. Lake Mariout Report.

Elmorsi, R. R., Abou-El-Sherbini, K. S., Mostafa, G. A. & Hamed, M. A. 2019. Distribution of essential heavy metals in the aquatic ecosystem of Lake Manzala, Egypt. *Heliyon* 5 (2019) e02276. Doi: 10.1016/j.heliyon.2019.e02276

El-Kady, A. A., Wade, T. L., Sweet, S. T. & Sericano, J. L. 2017. Distribution and residue profile of organochlorine pesticides and polychlorinated biphenyls in sediment and fish of Lake Manzala, Egypt. *Environ Sci Pollut Res Int.* 24(11):10301–10312.

Morshdy, A. M., Darwish, W. S., Daoud, J. R., Hussein, M. A. M. & Sebak, A. M. 2018. Monitoring of organochlorine pesticide residues in *Oreochromis niloticus* collected from some localities in Egypt. *Slov Vet Res* 55 (20): 303–311.

El Nemr, A., Mohamed, F. A., El Sikaily, A., Khaled, A. & Ragab, S. 2012. Risk assessment of organochlorine pesticides and PCBs in sediment of Lake Bardawell, Egypt. *Blue Biotechnology Journal*.1 (3): 405–422.

Said, T. O., El Moselhy, K. M., Rashad, A. M. & Shreadah, M. A. 2008. Organochlorine Contaminants in Water, Sediment and Fish of Lake Burullus, Egyptian Mediterranean Sea. *Bull. Environ. Contam. Toxicol*, 81:136–146.

El-Sayed, A. F. 2014. Studies on water quality, pollution by heavy metals in water, soil & fish and stock assessment in Bardawil lake Egypt. Ph.D. Thesis. Dep. of Chemis. Fac. of Sci., Al Azhar Univ.

FRANCE

Lagoons saline typology:

Menu, M., Vaz, S., Bajjouk, T., Derolez, V., Fiandrino, A., Giraud, A., Grillas, P. & Ouisse, V. 2019. Rapport final du projet CHAMILA (Cartographie des habitats en milieu lagunaire Méditerranéen). R.ODE/UL/LER/LR/19.34. [doi:10.13155/70545](https://doi.org/10.13155/70545)

Medtrix database : <https://plateforme.medtrix.fr>

Quadrige: <https://wwz.ifremer.fr/envlit/Quadrige-la-base-de-donnees>

River discharge, Annual Average water temperature:

SUDOANG database (in charge : María Mateo: mmateo@azti.es and Cédric Briand: Cedric.Briand@eptb-vilaine.fr)

Trophic status:

Quadrige database : <https://wwz.ifremer.fr/envlit/Quadrige-la-base-de-donnees>

Persistent Organic Pollutants (POPs), heavy metals:

Naiades database : <http://www.naiades.eaufrance.fr/acces-donnees#/physicochimie>

Protected Surface:

Geoportail: <https://www.geoportail.gouv.fr/>

Piscivorous birds and fishes:

Personal communications from site managers, scientists

Kuhn, R., Simonnet, F., Arthur, C. & Barthélemy, V. 2019. Plan national d'actions en faveur de la Loutre d'Europe (*Lutra lutra*) 2019-2028. SFPEM & DREAL Nouvelle-Aquitaine, Poitiers, 89 pp.

GREECE

Boubonari, T., Kevrekidis, T. & Malea, P. 2009. Metal (Fe, Zn, Cu, Pb and Cd) concentration patterns in components of a macrophyte-based coastal lagoon ecosystem. *Hydrobiologia*, 635: 27–36. doi:10.1007/s10750-009-9858-x

Christophoridis, A., Stamatis, N. & Orfanidis, S. 2007. Sediment heavy metals of a Mediterranean coastal lagoon: Agiasma, Nestos Delta, Eastern Macedonia (Greece). *Transit. Waters Bull.* 4: 33–43. doi:10.1285/i1825229Xv1n4p33

- Diamantopoulou, E., Dassenakisa, M., Kastritisa, A., Tomara, V., Paraskevopoulou, V. & Poulos S.** 2008. Seasonal fluctuations of nutrients in a hypersaline Mediterranean lagoon. *Desalination* 224: 271–279. doi:10.1016/j.desal.2007.07.004
- Gianni, A. & Zacharias, I.** 2012. Modeling the hydrodynamic interactions of deep anoxic lagoons with their source basins. *Estuarine, Coastal and Shelf Science*, 110: 157e167. doi:10.1016/j.ecss.2012.04.030
- Karageorgis, A.P.** 2007. Geochemical study of sediments from the Amvrakikos Gulf lagoon complex, Greece. *Transit. Waters Bull.* 3(2007): 3–8. doi:10.1285/i1825229Xv1n3p3.
- Karditsa, A., Tsapanou, A. & Poulos, S.E.** 2020. The evolution of the transboundary Evros river delta (Northeast Aegean Sea) under human intervention: a seven decade analysis. *Physical Geography*, 41:4, 291–314. doi:10.1080/02723646.2019.1666564
- Katselis, G.N., Moutopoulos, D.K., Dimitriou, E.N. & Koutsikopoulos, C.** 2013. Long-term changes of fisheries landings in enclosed gulf lagoons (Amvrakikos gulf, W Greece): Influences of fishing and other human impacts. *Estuarine, Coastal and Shelf Science* 131: 31e40. doi:10.1016/j.ecss.2013.07.004
- Kevrekidis, T.** 2004. Seasonal Variation of the Macrozoobenthic Community Structure at Low Salinities in a Mediterranean Lagoon (Monolimni Lagoon, Northern Aegean). *Internat. Rev. Hydrobiol.* 89, 4: 407–425. doi:10.1002/iroh.200310703
- Kormas, K.A., Nicolaidou, A. & Reizopoulou.** 2001. Temporal variation of nutrients, Chlorophyll a and particulate matter in three coastal lagoons of Amvrakikos Gulf (Ionian Sea, Greece). *Marine Ecology*, 22(3): 201–213. doi:10.1046/j.1439-0485.2001.01720.x
- Koutrakis, E., Sylaios, G., Kamidis, N.I., Markou, D. & Sapounidis, A.** 2009. Fish fauna recovery in a newly re-flooded Mediterranean coastal lagoon. *Estuarine, Coastal and Shelf Science*, 83: 505–515. doi:10.1016/j.ecss.2009.04.032.
- Malea, P., Boubonari, T. & Kevrekidis, T.** 2008. Iron, zinc, copper, lead and cadmium contents in *Ruppia maritima* from a Mediterranean coastal lagoon: monthly variation and distribution in different plant fractions. *Botanica Marina* 51 (2008): 320–330. doi:10.1515/BOT.2008.033
- Malea, P., Kevrekidis, T., Mogias, A. & Adamakis, I.-D.S.** 2014. Kinetics of cadmium accumulation and occurrence of dead cells in leaves of the submerged angiosperm *Ruppia maritima*. *Botanica Marina*, 57(2): 111–122. doi:10.1515/bot-2013-0081
- Nicolaidou, A., Petrou, K., Kormas, K.A. & Reizopoulou, S.** 2006. Inter-annual variability of soft bottom macrofaunal communities in two Ionian Sea lagoons. *Hydrobiologia* (2006) 555:89–98. doi:10.1007/s10750-005-1108-2
- Orfanidis, S., Panayotidis, P. & Ugland, K.** 2011. Ecological Evaluation Index continuous formula (EEI-c) application: a step forward for functional groups, the formula and reference condition values. *Mediterranean Marine Science*, 12(1): 199–232. doi:10.12681/mms.60
- Orfanidis, S., Stamatis, N., Ragias, V., & Schramm, W.** 2005. Eutrophication patterns in an eastern Mediterranean coastal lagoon: Vassova, Delta Nestos, Macedonia, Greece. *Mediterranean Marine Science*, 6(2): 17–30. doi:10.12681/mms.183
- Reizopoulou, S. & Nicolaidou, A.** 2004. Benthic diversity of coastal brackish-water lagoons in western Greece. *Aquatic Conserv. Mar. Freshw. Ecosyst.* 14: S93–S102.
- Reizopoulou, S., Thessalou-Legaki, M. & Nicolaidou, A.** 1996. Assessment of disturbance in Mediterranean lagoons: an evaluation of methods. *Marine Biology*, 125: 189–197.
- Tsiaoussi, V., Fitoka, E. & Tompoulidou, M.** 2020. Transitional Ecosystems Along the Aegean Sea Coastline of Greece. In: *The Handbook of Environmental Chemistry*. Springer, Berlin, Heidelberg. doi:10.1007/978_2020_668
- Vasileiadou, K., Pavludi, C., Kalantzi, I., Apostolaki, E., Chatzigeorgiou, G., Chatzinikolaou, E., Pafilis, E., Papageorgiou, N., Fanini, L., Konstas, S., Fragopoulou, N. & Arvanitidis, C.** 2016. Environmental variability and heavy metal concentrations from five lagoons in the Ionian Sea (Amvrakikos Gulf, W Greece). *Biodiversity Data Journal* 4: e8233. doi:10.3897/BDJ.4.e8233

Zoidou, M., Sylaios, G. 2021 Ecological risk assessment of heavy metals in the sediments of a Mediterranean lagoon complex. *J Environ Health Sci Engineer* 19, 1835–1849. doi:10.1007/s40201-021-00739-1.

ITALY

CNR-ISE. 2013. Consiglio Nazionale Delle Ricerche - Istituto Per Lo Studio Degli Ecosistemi. Indici per la valutazione della qualità ecologica dei laghi.

ARTA Abruzzo. 2016. Programma di monitoraggio per il controllo delle acque superficiali. Attuazione Direttiva 2000/60/Ce, D. Lgs 152/06 E S.M.I., D. M. 260/10, D.Lgs. 172/15.

ARTA Abruzzo. 2018. Monitoraggio dell'ambiente marino-costiero della regione Abruzzo.

Database ARPA <https://www.arpacampania.it/>

Database ARPA <https://www.arpae.it/it/temi-ambientali/acqua>

ARPA Emilia Romagna. Monitoraggio delle acque di transizione e classificazione dello stato di qualità.

Database ARPA <https://www.arpalazio.it/en/ambiente/acqua/dati-acqua>

ARPA Lazio. Stato ecologico e stato chimico dei corpi idrici superficiali. Periodo di monitoraggio 2014-2015

Database ARPA <https://www.arpa.fvg.it/temi/temi/acqua/sezioni-principali/acque-marino-costiere-e-di-transizione/>

Database ARPA <https://www.arpalombardia.it/Pages/ricerca-Dati-ed-indicatori.aspx?sottotema=Acque%20superficiali>

ARPA Lombardia. Stato delle acque superficiali del bacino del fiume Mincio e del lago di Garda. Anno 2014

Database ARPA https://www.arpa.puglia.it/pagina2876_acque-superficiali.html

ARPA Sicilia. Monitoraggio e valutazione dello stato ecologico e chimico delle acque di transizione del Distretto Idrografico della Sicilia ai sensi del D.M. 260/2010. Anno 2019.

Database ARPA

http://www.arpat.toscana.it/datiemappe#c9=banche.dati&c9=bollettini&c9=dati&c9=mappe&c0=5&b_start=0&c1=acque.interne

ARPA Umbria. Valutazione dello stato ecologico e chimico dei corpi idrici fluviali. Triennio 2015-2017.

Bettinetti, R., Galassi, S., Quadroni, S., Volta, P., Capoccioni, F., Ciccotti, E. & De Leo, G. A. 2010. Use of *Anguilla anguilla* for biomonitoring persistent organic pollutants (POPs) in brackish and riverine waters in central and southern Italy. *Water, Air, & Soil Pollution*, 217(1–4): 321–331. doi:10.1007/s11270-010-0590-y.

Branciarri, R., Franceschini, R., Roila, R., Valiani, A., Pecorelli, I., Piersanti, A., Haouet, N., Framboas, M., & Ranucci, D. 2020. Nutritional value and contaminant risk assessment of some commercially important fishes and crawfish of Lake Trasimeno, Italy. *International Journal of Environmental Research and Public Health*, 17(7), 2545. doi:10.3390/ijerph17072545.

Bressa, G., Sisti, E., & Cima, F. 1997. PCBs and organochlorinated pesticides in eel (*Anguilla anguilla* L.) from the Po delta. *Marine Chemistry*, 58, 261–266.

Campesan, G., Pagotto, G., & Stocco, G. 1979. Abitudini alimentari di specie animali presenti in laguna di Venezia e contenuto di metalli pesanti: *Anguilla anguilla*. *Bollettino Zoologico*, 46, 66–67.

Capoccioni, F., Leone, C., Belpaire, C., Malarvannan, G., Poma, G., De Matteis, G., Tancioni, L., Contò, M., Failla, S., Covaci, A. & Ciccotti, E. 2020. Quality assessment of escaping silver eel (*Anguilla anguilla* L.) to support management and conservation strategies in Mediterranean coastal lagoons. *Environmental Monitoring Assessment*, 192: 570.

- Ferrante, M. M. C., Clausi, M. M. T., Meli, R., Fusco, G., Naccari, C., & Lucisano, A.** 2010. Polychlorinated biphenyls and organochlorine pesticides in European eel (*Anguilla anguilla*) from the Garigliano River (Campania region, Italy). *Chemosphere*, 78(6): 709–716. doi:10.1016/j.chemosphere.2009.11.026.
- Miniero, R., Guandalini, E., Dellatte, E., Iacovella, N., Abate, V., De Luca, S., et al.** 2011. Persistent organic pollutants (POPs) in fish collected from the urban tract of the river Tiber in Rome (Italy). *Annali dell'Istituto Superiore di Sanità*, 47(3): 310–315. doi:10.4415/ANN.
- Orban, E., Masci, M., & Gambelli, L.** 2006. Contaminant levels in the main freshwater fish of Latium (Italy) for the evaluation of consumption risks. In: F. J. M. Smulders (Ed.), *Towards a risk-based chain control* (pp. 323–324). Wageningen Academic Publisher.
- Parolini, M., Binelli, A., Matozzo, V., & Marin, M. G.** 2010. Persistent organic pollutants in sediments from the Lagoon of Venice—a possible hazard for sediment-dwelling organisms. *Journal of Soils and Sediments*, 10(7): 1362–1379.
- Quadroni, S., Galassi, S., Capoccioni, F., Ciccotti, E., Grandi, G., De Leo, G. A., & Bettinetti, R.** 2013. Contamination, parasitism and condition of *Anguilla anguilla* in three Italian stocks. *Ecotoxicology*, 22(1): 94–108. doi:10.1007/s10646-012-1006-0.
- Renzi, M., Specchiulli, A., Baroni, D., Scirocco, T., Cilenti, L., Focardi, S., Breber, P., & Focardi, S.** 2012. Trace elements in sediments and bioaccumulation in European silver eels (*Anguilla anguilla* L.) from a Mediterranean lagoon (SE Italy). *International Journal of Environmental Analytical Chemistry*, 92(6): 676–697. doi:10.1080/03067319.2010.537749.
- Santillo, D., Johnston, P., Labunska, I., & Brigden, K.** 2005. Swimming in chemicals widespread presence of brominated flame retardants and PCBs in eels (*Anguilla anguilla*) from rivers and lakes in 10 European countries. *Greenpeace Research Technical Note*, 12, 1–56.
- Storelli, M. M., Barone, G., Garofalo, R., & Marcotrigiano, G. O.** 2007. Metals and organochlorine compounds in eel (*Anguilla anguilla*) from the Lesina lagoon, Adriatic Sea (Italy). *Food Chemistry*, 100(4): 1337–1341. doi:10.1016/j.foodchem.2005.10.071.
- Vendetti, C.** Le diatomee negli ecosistemi lacustri dell'ecoregione mediterranea tra ricerca di base e applicata. Tesi di Dottorato in Ecologia e Gestione delle Risorse Biologiche - XXVI° Ciclo. Università degli Studi della Tuscia di Viterbo.

SPAIN

Junta de Andalucía:

<https://www.juntadeandalucia.es/medioambiente/portal/web/guest/acceso-rediam/catalogo>

https://portalrediam.cica.es/descargas?path=%2F05_CALIDAD_AMBIENTAL%2F02_AGUAS%2F01_CALIDAD_AGUAS

<http://dma.agenciamedioambienteyagua.es/>

Innovación Analítica. 2015. Servicio para la evaluación de la contaminación por compuestos organoclorados (PCBs, PBDs y DDTs) en anguilas (*Anguilla anguilla*) de la comunidad autónoma andaluza. Junta de Andalucía.

Govern Illes Balears:

https://www.caib.es/sites/agua/es/medio_fluvial-38399/

http://www.caib.es/sites/agua/ca/documentacio_basica_pla_hidrologic/

Agència Catalana de l'Aigua:

<http://aca-web.gencat.cat/sdim21/filtre.do>

<https://aca.gencat.cat/es/laigua/consulta-de-dades/descarrega-cartografica/>

Confederación Hidrográfica del Ebro:

<http://www.datossuperficiales.chebro.es:81/WCASF/>

Santillo, D., Johnston, P., Labunska, I. & Bridgen, K. 2005. Swimming in chemicals. Widespread presence of brominated flame retardants and PCB in eels (*Anguilla anguilla*) from rivers and lakes in 10 European countries. <https://www.europeansources.info/record/swimming-in-chemicals-widespread-presence-of-brominated-flame-retardants-and-pcbs-in-eels-anguilla-anguilla-from-rivers-and-lakes-in-10-european-countries/>

Confederación Hidrográfica del Segura:

<https://chsegura.es/es/cuenca/cartografia/servicios-web-de-mapas/directorio-de-servicios-web-de-mapas/>

<https://www.chsegura.es/es/cuenca/planificacion/planificacion-2015-2021/plan-hidrologico-2015-2021/index.html>

<https://www.chsegura.es/es/cuenca/redes-de-control/calidad-en-aguas-superficiales/acceso-a-los-datos/>

Romero, D., Barcala, E., María-Dolores, E. & Muñoz, P. 2020. European eels and heavy metals from the Mar Menor lagoon (SE Spain). *Marine Pollution Bulletin* 158: 111368.

Ruiz, J.M., Albentosa, M., Aldeguer, B., Álvarez- Rogel, J., Antón, J., Belando, M.D., Bernardeau, J. et al. 2020. Informe de evolución y estado actual del Mar Menor en relación al proceso de eutrofización y sus causas. Informe de asesoramiento técnico del Instituto Español de Oceanografía (IEO). 165pp.

Confederación Hidrográfica del Júcar:

<https://www.chj.es/es-es/medioambiente/redescontrol/Paginas/RedesdeControl.aspx>

<http://aps.chj.es/down/html/descargas.html>

<https://datos.gob.es/es/catalogo/ea0022929-masas-de-agua-superficial-phj-2015-2021>

Bordajandi, L.R., Gómez, G., Fernandez, M., Abad, E., Rivera, J. & González, M.J. 2003. Study on PCBs, PCDD/Fs, organochlorine pesticides, heavy metals and arsenic content in freshwater fish species from the River Turia (Spain). *Chemosphere* 53: 163–171.

Ureña, R., Peri, S., del Ramo, J. & Torreblanca, A. 2007. Metal and metallothionein content in tissues from wild and farmed *Anguilla anguilla* at commercial size. *Environment International* 33: 532–539. doi:10.1016/j.envint.2006.10.007

Protected natural areas

Ministerio para la Transición Ecológica y el Reto Demográfico:

<https://www.miteco.gob.es/es/cartografia-y-sig/ide/descargas/biodiversidad/enp.aspx>

Land uses

Instituto Geográfico Nacional:

<https://www.ign.es/web/copernicus/productos-a-descargar>

Invasive alien species

Life Invasaqua (LIFE17 GIE/ES/000515):

<https://ibermis.org/visor/>

<https://lifeinvasaqua.com/recursos/>

Sociedad Ibérica de Ictiología (SIBIC):

<https://eei.sibic.org/species>

TUNISIA

Bejaoui, B., Ferjani, D., Zaaboub, N., Chapelle, A. & Moussa, M. 2010. Seasonal hydrobiological characterization of the Bizerte Lagoon (Tunisia). *Journal of Water Science*, 23 (3): 197–323.

Ben Khalfallah, C. & Saidi, S. 2018. Spatiotemporal floodplain mapping and prediction using HEC-RAS - GIS tools: Case of the Mejerda river, Tunisia. *Journal of African Earth Sciences*, 142: 44–51.

Berrebi, P., Kraiem, M.M., Doadrio, I., El Gharbi, S. & Cattaneo-Berrebi, G. 1995. Ecological and genetic differentiation of *Barbus callensis* populations in Tunisia. *Journal of Fish Biology*, 47(5): 850–864.

Ramdani, M., Flower, R. J., Elkhiahi, N., Kraïem, M. M., Fathi, A. A. Birks, H. H. & Patrick, S. T. 2001. North African wetland lakes: characterization of nine sites included in the CASSARINA Project. *Aquatic Ecology*, 35: 281–302.

Romdhane, M. S. 2007. *Les anguilles en Tunisie. Milieu, ressources et exploitation*. Rapport TCP/TUN/3001. 58 pp.

SPLT. 2013. *Contrôle et analyse des eaux de la lagune nord de Tunis*. Rapport interne de la Société de Promotion du Lac nord de Tunis.

Touaylia, S., Ghannem, S., Toumi, H., Bejaoui, M. & Garrido, J. 2016. Assessment of heavy metals status in northern Tunisia using contamination indices: Case of the Ichkeul steams system. *International Research Journal of Public and Environmental Health*, 3 (9): 209–217.

Ziadi, B., Dhibab, A., Turki, S. & Aleya, L. 2015. Factors driving the seasonal distribution of zooplankton in a eutrophicated Mediterranean Lagoon. *Marine Pollution Bulletin*, 97, (1–2): 224–233.

TÜRKIYE

Kasimoglu, C. 2014. The effect of fish size, age and condition factor on the contents of seven essential elements in *Anguilla anguilla* from Tersakan Stream Mugla (Turkey). *Journal of Pollution Effects & Control*, 2(2): 1–6.

Yildiz, S., Gurcu, B., Koca, Y. B., & Koca, S. 2010. Histopathological and genotoxic effects of pollution on *Anguilla anguilla* in the Gediz River (Turkey). *Journal of Animal and Veterinary Advances*, 9(23): 2890–2899.

Yilmaz, F. (2009). The comparison of heavy metal concentrations (Cd, Cu, Mn, Pb, and Zn) in tissues of three economically important fish (*Anguilla anguilla*, *Mugil cephalus* and *Oreochromis niloticus*) inhabiting Koycegiz Lake-Mugla (Turkey). *Turkish Journal of Science & Technology*, 4(1): 7–15.

3. Variables *Natural Mortality and Anthropogenic Mortality*

ALBANIA

Fisheries

WP3-Fishery database

ALGERIA

Fisheries

WP3-Fishery database

Number of invasive species

Meddour, A., Meddour-Bouderda, K., Zouakh, D., Soumati, B. & Mehenaoui S. 2010. Les pathologies transfrontalières de la filière pisciculture en Algérie. 2ème Colloque International Bel 02, Oran, Algerie, 28-30 Novembre 2010.

Piscivorous birds

Brahmia, Z. 2002. Rôle fonctionnel du lac Oubeira et du lac Mellah (Parc National d'El-Kala) pour les oiseaux marins. Mémoire de Magistère, Université Badji Mokhtar, Annaba, 81 pp.

Telailia, S., Boutabia, L., Khemis El-Hak, M.D., Elafri, A. & Djebbari N. 2017. Multi-annual and seasonal patterns of waterbird assemblages in a Mediterranean coastal lagoon (El Mellah lagoon) of Northeastern Algeria. *Ekológia (Bratislava)*, 36 (2): 146–157.

Otter

Ramsar. 2018. Fiche descriptive sur Ramsar. Algérie, Réserve Intégrale du Lac El Mellah. 19 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1424RIS_1803_fr.pdf

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Oubeïra. <https://rsis.ramsar.org/ris/280>

Ramsar. 2018. Ramsar Sites Information Service. Réserve Intégrale du Lac Tonga. <https://rsis.ramsar.org/ris/281>

Piscivorous Fishes

Chaoui, L., Kara, M.H., Faure, E. & Quignard J.P. 2006. L'ichtyofaune de la lagune du Mellah (Algérie Nord-Est): diversité, production et analyse des captures commerciales. *Cybiurn*, 30(2): 123–132.

Ramsar. 2018. Fiche descriptive sur Ramsar. Algérie, Réserve Intégrale du Lac El Mellah. 19 pp. https://rsis.ramsar.org/RISapp/files/RISrep/DZ1424RIS_1803_fr.pdf

EGYPT

Fisheries

WP3-Fishery database

Invasive alien species

Shaiek, M., El Zrelli, R., Crocetta, F. & Rabaoui, L. 2021. On the occurrence of three exotic decapods, *Callinectes sapidus* (Portunidae), *Portunus segnis* (Portunidae), and *Trachysalambria palaestinensis* (Penaeidae), in northern Tunisia, with updates on the distribution of the two invasive portunids in the Mediterranean Sea. *BioInvasions Records* 10(1):158–169.

FRANCE

Fisheries

WP3-Fishery database

Parasites

Amilhat, E., Simon, G. & Faliex, E. 2018. *Etat de santé des anguilles argentées des lagunes méditerranéennes du Languedoc-Roussillon, dévalaison 2016/2017*. CEFREM, Université de Perpignan Via Domitia. 50 pp.

Turbines, pumping stations

ROE database: <https://www.data.gouv.fr/fr/datasets/les-referentiels-des-obstacles-a-lecoulement-sur-les-cours-deau-roe/>

GREECE

Fisheries

WP3-Fishery database

Parasites

Kantzoura, V., Sapounidis, A.S., Kouam, M.K., Kolygas, M.N., Krey, G. & Koutrakis, E.T. 2020. *Anguillicola crassus*: morphometric characteristics and pathogenicity in wild eels (*Anguilla anguilla*) in Greece. *Veterinary Parasitology: Regional Studies and Reports*, 25: 100586, DOI: doi:10.1016/j.vprsr.2021.100586

ITALY

Fisheries

WP3-Fishery database

Predator, Turbines, pumping stations

Piano Nazionale di Gestione (PNG) per l'anguilla in Italia Reg. (CE) 1100/07, 2009.

Piano di Gestione dell'Anguilla – Regione Puglia, 2009.

Piano di Gestione dell'Anguilla – Regione Veneto, 2009.

Piano di Gestione dell'Anguilla in Friuli Venezia Giulia – Regione Friuli Venezia Giulia, 2009.

Piano di Gestione dello stock di anguilla europea – Regione Lombardia, 2009.

Piano di Gestione per la Ricostituzione dello stock di anguilla – Regione Lazio, 2009.

Piano di Gestione Regionale dell'anguilla in Toscana – Regione Toscana, 2009.

Piano di Gestione dell'Anguilla – Regione Sardegna, 2009.

Piano Regionale di Gestione dell'anguilla – Regione Emilia Romagna, 2009.

Piano Regionale di Gestione dell'anguilla – Regione Umbria, 2009.

Scalchi, E. 2012. Towards recovery of the European eel (*Anguilla anguilla*, L. 1758) stock: evaluation of the anthropogenic modification and mortality factors in inland and brackish waters, in order to assess the pristine and present eel escapement. PhD Thesis, XVI Cicle - Università degli Studi di Roma Tor Vergata.

Parasites

Giari, L., Castaldelli, G., Gavioli, M. Lanzoni, A. & Fano, E.A. 2021. Long-term ecological analysis of *Anguillicola crassus* occurrence and impact on the European eel population in a Mediterranean lagoon (North Italy). *Estuarine, Coastal and Shelf Science*, 249: 107–117.

Leone, C. 2007. Valutazione dell'infestazione da *Anguillicola crassus* (Nematoda, Dracunculoidea) nella popolazione di *Anguilla anguilla* (Pisces, Teleostea) del basso corso del fiume Tevere. Tesi di Laurea Triennale in Ecologia. Facoltà di Scienze Matematiche, Fisiche e Naturali, Università di Roma Tor Vergata.

Leone, C. 2010. Studio della struttura di popolazione di *Anguilla anguilla* (L.) nel bacino idrografico del Lago di Bolsena, come strumento per la conservazione dello stock e per la gestione sostenibile della pesca. Tesi di Laurea Specialistica in Ecologia ed Evoluzione. Facoltà di Scienze Matematiche, Fisiche e Naturali, Università di Roma Tor Vergata.

SPAIN

Predators

Sociedad Ibérica de Ictiología (SIBIC):

<http://www.cartapiscicola.es/#/home>

Bandin, I., Souto, S., J M Cutrín, J.M., López. -Vázquez, C., Olveira, J.G., Esteve, C., Alcaide, E. & Dopazo, C.P. 2014. Presence of viruses in wild eels *Anguilla anguilla* L, from the Albufera Lake (Spain). *Journal of Fish Diseases*, 37: 597–607. doi:10.1111/jfd.1392

Del Moral, J. C. & De Souza, J. A. 2004. *Cormorán Grande Invernante en España. II Censo Nacional*. SEO/BirdLife. Madrid.

Esteve, C. & Alcaide, E. 2009. Influence of diseases on the wild eel stock: The case of Albufera Lake. *Aquaculture*, 289: 143–149. doi:10.1016/j.aquaculture.2008.12.015

Facultad de Veterinaria Departamento de Sanidad Animal. 2015. *Informe de resultados. Estudio de la afección sobre la anguila (Anguilla anguilla) de los herpesvirus de la anguila y del nematodo Anguillicoloides crassus en la Comunidad Autónoma de Andalucía.* Universidad de Murcia.

Maíllo, P. A., Vich, M. A., Salvadó, H., Marqués, A., & Gracia, M. P. 2005. Parasites of *Anguilla anguilla* (L.) from three coastal lagoons of the River Ebro delta (Western Mediterranean). *Acta Parasitol*, 50(2), 156-160.

Martí, R. & Del Moral, J. C. (Eds.) 2003. *Atlas de las Aves Reproductoras de España. Garza real.* Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid.

Martí, R. & Del Moral, J. C. (Eds.) 2003. *Atlas de las Aves Reproductoras de España. Garza imperial.* Dirección General de Conservación de la Naturaleza-Sociedad Española de Ornitología. Madrid.

Martínez-Carrasco, C., Ruiz De Ybañez, R., Peñalver, J., Mayo-Hernández, E., García-Ayala, A. & Muñoz, P. 2011. Prevalence of *Anguillicoloides crassus* (Nematoda, Dracunculoidea) in wild European eels (*Anguilla anguilla* L.) from Mar Menor lagoon (Western Mediterranean, Spain). *Revue de medecine veterinaire*, 162(3): 154-158.

Mayo-Hernández, E., Peñalver, J., García-Ayala, A., Serrano, E., Muñoz, P., & De Ybañez, R. R. 2015. Richness and diversity of helminth species in eels from a hypersaline coastal lagoon, Mar Menor, south-east Spain. *Journal of helminthology*, 89(3): 345–351.

Palomino, D. & Molina, B. (Eds.) 2009. *Aves acuáticas reproductoras en España. Población en 2007 y método de censo.* SEO/BirdLife. Madrid.

SEO/BirdLife. 2012. *Atlas de las aves en invierno en España 2007-2010.* Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/BirdLife. Madrid.

Personal communication on contaminants in eels (Direcció General de Recursos Hídrics).

Universitat de les Illes Balears: http://observatoriagua.uib.es/repositori/tp_dma_anexos_2007.pdf

Fisheries

WP3-Fishery database

Presence of turbines and pumping stations: Inventory of dams and reservoirs

Ministerio para la Transición Ecológica y el Reto Demográfico:

<https://sig.mapama.gob.es/snczi/>

TUNISIA

Fisheries

WP3-Fishery database

Parasites

Derouiche, E. 2016. Analyse de la migration catadrome de l'anguille européenne *Anguilla anguilla* (L. 1758) dans les lagunes septentrionales de Tunisie : caractéristiques et état de santé des individus, quantification du phénomène. Thèse de Doctorat en Sciences Biologiques. Faculté des Sciences, Université de Tunis. 322p.

Dhaouadi, R., Sghaier, A., Aloui, N., Rejeb, A., Tarhouni, D., Dargouth, M. A. & Amara, A. 2014. Etude de l'infestation de l'anguille européenne, *Anguilla anguilla*, par le nématode *Anguillicoloides crassus* dans la lagune de Ghar El Melh (Nord de la Tunisie). *Marine Life*, 18: 17–24.

Gargouri Ben Abdallah, L. & Maamouri, F. 2006. Spatio-temporal dynamics of the nematode *Anguillicola crassus* in Northeast Tunisian lagoons. *Comptes Rendus Biologies*, 329(10): 785–789.

Hizem Habbechi, B., Kraïem, M. M. & Elie, P. 2012. Etude de la contamination de l'anguille européenne (*Anguilla Anguilla* L., 1758) par *Anguillicoloides crassus* dans quelques hydrosystèmes de la Tunisie septentrionale : analyse de son impact sur les paramètres de croissance. *Cybium*, 36: 417–433.

Romdhane, M. S. 2007. *Les anguilles en Tunisie. Milieu, ressources et exploitation*. Rapport TCP/TUN/3001. 58 pp.

TÜRKIYE

Fisheries

WP3-Fishery database

Parasites

Genç, E., Şahan, A., Altun, T., Cengizler, İ., & Nevşat, E. 2005. Occurrence of the swimbladder parasite *Anguillicola crassus* (Nematoda, Dracunculoidea) in European eels (*Anguilla anguilla*) in Ceyhan River, Turkey. *Turkish Journal of Veterinary & Animal Sciences*, 29(3): 661–663.

Genc, E., Sangun, M. K., Dural, M., Can, M. F., & Altunhan, C. 2008. Element concentrations in the swimbladder parasite *Anguillicola crassus* (nematoda) and its host the European eel, *Anguilla anguilla* from Asi River (Hatay-Turkey). *Environmental monitoring and assessment*, 141(1): 59–65.

Özesen Çolak, S., Soylu, E., Erdoğan, F., & Erdoğan, M. 2012. Metazoan parasites of European eel (*Anguilla anguilla*) from the Köyceğiz Dalyan Estuarine channel system, Turkey. *Bulletin of the European Association of Fish Pathologists*, 32(5): 159–163.

Şahan, A., Altun, T., Çevik, F., Cengizler, İ., Nevşat, E., & Genç, E. 2007. Comparative study of some haematological parameters in European eel (*Anguilla anguilla* L., 1758) caught from different regions of Ceyhan river (Adana, Turkey). *Ege Journal of Fisheries and Aquatic Sciences*, 24(1): 167–171.