Marine Works

- **Study for the regularization of unauthorized constructions in the Municipal Units (DE) of Stylida and Echinaios (2024):** Environmental Impact Assessment aimed at issuing the Environmental Approval Decision (A.E.P.O.), so that the Municipality can be integrated into Article 46 of Law 5131/2024 (Government Gazette 128A2024) to regularize unauthorized constructions within the seashore and beach zones of Agia Marina and Raches. The study is being conducted on behalf of the Municipality of Stylida.
- **Environmental Impact Study (EIS) – Patmos Port Upgrade (2022):** The team conducted the environmental assessment for significant port infrastructure improvements, specifically those situated outside the bay of Skala, Patmos.
- **Environmental Impact Study – Coastal Road Modification & Mooring Installation, Lipsi Port:** The firm performed the environmental study encompassing the widening of the coastal road and the installation of new mooring facilities at Lipsi Port, aimed at improving both accessibility and safety.
- **Environmental Impact Study & Special Ecological Assessment – Mandraki Port Expansion & Improvement, Nisyros:** This comprehensive study involved a detailed assessment of both the environmental and ecological impacts associated with the upgrading and enlargement of Mandraki's port facilities.
- **1st SUPPLEMENTARY CONTRACT for the Master Plan Study of the New and Old Port of Mytilene:** A contract under Law 3316/2005 concerning the preparation of a Master Plan for two locations, as follows: a) Existing port: The Master Plan and the Environmental Study were initially prepared covering the entire quay wall area considered as the commercial port. Subsequently, the section of the commercial port that came under the jurisdiction of ETAD was removed. b) New port in Panagiouda (or Kara Tepe) Bay: A Strategic Environmental Assessment (SEA) was prepared to accompany the Master Plan. The E.Y.D.E. K.Y.L.Y. has submitted the Master Plan study to the ESAL / Ministry of Maritime Affairs and Insular Policy, and the SEA to the Ministry of Environment and Energy.
- **Environmental Impact Study and Special Ecological Assessment – Mathraki Port Expansion & Improvement, Corfu:** The firm executed a thorough environmental and ecological evaluation to support the proposed enlargement and infrastructure upgrades at Mathraki Port.
- **Major Project File for the Commercial Port of Patras:** The study was conducted on behalf of EVIAM Ltd.
- **Environmental Impact Study – Lipsi Port Expansion & Ro-Ro Berth Construction at Kavi:** This work supported the environmental assessment for the development of a new roll-on/roll-off berth at Kavi, Lipsi, designed to substantially increase the port's vehicle ferry capacity.
- **Special Ecological Assessment – Lipsi Port Environmental Licensing:** A focused ecological evaluation was conducted specifically to facilitate the environmental permitting process required for the Lipsi port expansion project.
- **Environmental Impact Study (EIS) – New Northern Ro-Ro Quay & Road Connection, Keramoti Port (Kavala**): The firm completed the environmental assessment for the construction of a new roll-/roll-off quay and its integration into the regional road network, thereby enhancing Keramoti Port's operational capacity and connectivity.

- **Strategic Environmental Assessment (SEA) – Chalkida Port Master Plan:** The firm performed a high-level strategic environmental evaluation to guide the overarching development and future planning for Chalkida Port.
- **Environmental licensing exemption files for damage restoration works at a) the port of Kiveri, Argolis and b) the harbours of the settlements of Kosta and Pigadia Thermisia, caused by the severe storm of 29-09-2018 (2019):** The project concerns the restoration of damage: a) to the coastal front close to the ferry terminal in the Kosta area, b) to the coastal front and the eastern pier in the Pigadia Thermisia area, and c) to the fishing craft shelter in the Kiveri area of Argolis, caused by the aforementioned severe weather event. This report is drafted in accordance with YPEKA Circular No. oik203913/19-12-2012 on the "Environmental licensing of urgent works and activities". The circular was applied here in the case of urgent works or activities of Category A under YPEKA Decision No. 1958/13/1/2012, as amended. These works are required for the immediate mitigation of risks to human life, property, and infrastructure (roads, ports, railways, etc.).
- **Environmental Impact Assessment of the SOUDA PORT EXTENSION AND IMPROVEMENT WORKS (2018):** This Environmental Impact Assessment is implemented within the framework of amending the Environmental Approval Decision for the Extension, Improvement, and Operation Works of the Port of Souda in Chania, in accordance with the "Specifications for the content of Environmental Approval Decisions for category A works and activities". The amendment was requested by the Directorate of Environmental Licensing of the Ministry of Environment and examines with particular emphasis: •alternative solutions regarding the management of dredged materials that have been classified as non-hazardous, •in the event of disposing the materials on land, Joint Ministerial Decision 29407/3508/2002 and Council Decision 2003/33/EC (19/12/2002) must be taken into account.
- **Additional studies for the updating of the Environmental Impact Assessment project of "Stylida port and port dredging & extension of pier and quay" (2014):** A Special Ecological Assessment was prepared for the valley and estuary of Sperxeios river and Maliakos gulf, which are part of the NATURA 2000 European Network of Nature Protection Areas and designated as a Site of Community Importance (SCI). According to Law 3937/11 (Government Gazette 60 A '/ 11), this area is designated as a habitat and species conservation area. The assessment was prepared in accordance with Article 10 of Law 4014/2011 and Ministerial Order No. 170225/2014 (Government Gazette 135 / B / 2014), with Maliakos Gulf (GR2440002) designated as the study area.
- **Environmental Permit Modification – OLP S.A., Pier I Dock Restoration, Piraeus, (2013):** The firm prepared the requisite documentation for permit amendments pertaining to the restoration of Herakleous Pier I, as part of the Piraeus Port Authority's (OLP S.A.) investment programme.
- **Environmental Permit Modification – OLP S.A., Perama Port Area:** The team compiled the permit amendment dossier for development activities within the Perama port area, falling under the OLP S.A. investment programme.
- **Environmental Impact Study – Souda Port Expansion & Improvement:** A comprehensive environmental assessment supported the extensive infrastructure development and modernization initiatives at Souda Port.
- **Environmental Impact Assessment of Port Works for the Municipality of Molos, Phthiotis:** Commissioned by the Municipality of Molos. The scope of the study is the investigation of the Impacts on the Natural and Man-made Environment from the construction and operation of a small fishing shelter with a capacity of approximately 90 vessels, as well as from coastal protection works against erosion, for the Municipality of Molos.

- **Environmental Impact Assessment for the new commercial port of Patras at Akti Dymaion:** Study carried out on behalf of the joint venture ADK Consulting Engineers S.A. and Triton Consulting Engineers Ltd. The scope of the study is the investigation of the Impacts on the Natural and Man-made Environment from the construction of the new port at Akti Dymaion developed south of the current port, including: (a) a 2.9 km quay wall, parallel to the coastline, and land reclamation works for the creation of a 70-hectare onshore area, (b) a 2.6 km breakwater, parallel to the quay wall, at a distance of 400 m from it and at a sea depth of 30 m, (c) building facilities to accommodate the operations of the new port, waiting areas for trucks and vehicles, a service road network, green spaces, water supply, firefighting, and sewerage networks, etc.
- **Environmental Impact Assessment for the tanker terminal in Thessaloniki:** Within the framework of the study commissioned by the Ministry of Public Works. This terminal will replace the multiple anchorages of oil trading companies in the region, resulting in the improvement of oil loading and unloading speed and safety. The core issues of the EIA were the risk of marine pollution, e.g. in Axios Delta and the city of Thessaloniki, due to an accident, the disposal of excavated material contaminated with heavy metals, and the aesthetic integration of the terminal into the landscape.
- **Revision - updating of the existing Environmental Impact Assessment for the new port of Igoumenitsa:** This study addresses the anticipated temporary and permanent impacts resulting from the establishment of the construction site, the transport of aggregates, individual construction activities, traffic patterns in Igoumenitsa, solid, liquid, and gaseous waste from transit traffic, the operation of the project, the escape of ship oily residues into the wider area, and marine pollution in the event of an accident.
- **Environmental Impact Assessment for the new port works in Igoumenitsa:** The planned port works concern the construction of new quay walls to upgrade the transit capacity of the port. The core issues of the EIA were the disposal of excavated material and the impact on the urban environment from the access to and operation of the port.
- **Environmental Impact Assessment for the new port works in Rafina, Attica:** Commissioned by the Ministry of Public Works. The planned port works will extend the passenger port of Rafina to upgrade its transport capacity towards the northern and central Aegean. The core issues of the EIA were the disposal of excavated material, noise and air pollution, and, primarily, the degradation of the urban environment caused by the port access.
- **Environmental Impact Assessment study for the rehabilitation and landscaping of the coastal zone in Alexandroupoli:** The scope of the study is the exploration of the environmental impacts of the rehabilitation works to be implemented in the coastal zone of the town, as well as measures to reincorporate the water component in the functions of the urban area. The study was prepared by the consortium of Synthesis and Research EPE, ECOS Consulting S.A., Iliopoulou Amalia, Sakelaridou Eleni, Stamatopoulou Asimoula, Tsirka Frideriki, Aggelopoulo Stamati, for the municipality of Alexandroupoli.
- **Environmental Impact Assessment for the new port works in Lavrio, Attica:** Commissioned by the Ministry of Public Works. The planned port works include external and internal marine works for a passenger and commercial port in Lavrio, which will make this port of national importance for the transport of passengers and goods from Attica to the northern and central Aegean. The core issues of the EIA were the disposal of excavated material (tailings) and the impact on the urban environment from port access, especially for the commercial port section.
- **Port of N. Moudania, Environmental Impact Assessment:** Commissioned by the competent directorate of the Ministry for the Environment, Physical Planning and Public Works, and the

Directorate of Technical Services of the Halkidiki Prefecture. The core subjects of the Environmental Impact Assessment include noise and water impacts resulting from excavations and the disposal of excavated materials during the construction phase, as well as harbour basin water renewal and traffic load during the operation phase of the commercial port extension project.

- **Environmental Impact Assessment for the construction of Alykanas small harbour, Zakynthos:** In collaboration with design engineer Dionysis Svoronos for the Prefectural Fund of Zakynthos. The works include the construction of a windward breakwater and internal quay walls to serve primarily fishing vessels. The study emphasized the assessment of impacts on the coastline and seaweed transport.
- **Environmental Impact Assessment for the port works at Agios Nikolaos, Volimes, small harbor, Zakynthos:** The planned port works extend and improve the existing small harbour through the construction of a reception quay for ferry boats and tourist vessels, as well as the construction of a fishing shelter. The core issues of the EIA comprise noise, water circulation, the sensitive marine ecosystem of the island, and the aesthetic and urban planning impacts resulting from the construction and operation of the small harbour.
- **Environmental Impact Assessment for the new Mykonos marina:** Commissioned by the Greek National Tourism Organization. The planned port works will create a new marina in the Agios Haralambos area to serve the growing tourist traffic of the island. The core issues of the EIA were the aesthetic and urban planning impacts resulting from the construction and operation of the marina.
- **Environmental Impact Assessment for the new Mykonos port:** Commissioned by the Ministry of Public Works. The planned port works will create a new passenger port and marina in Tourlos to serve the increasing traffic of the island. The core issues of the EIA were noise and air pollution from port activities, as well as the aesthetic and urban planning impacts resulting from the construction and operation of the port.
- **Environmental Impact Assessment for the new port works in Parikia, Paros:** Commissioned by the Ministry of Public Works. The port works, which will upgrade the port's capacity to serve ferry boats (Ro-Ro vessels), will contribute to the further increase of tourist traffic on the island. The core issues of the EIA were the assessment of impacts from tourist development on the island, as well as the burden on traffic conditions and noise levels in the adjacent town.
- **Environmental Impact Assessment for the new port works in Katakolo:** Commissioned by the Ministry of Public Works. Within the framework of this study, two alternative solutions for the development of the port were examined, with the primary objective of increasing the port's capacity to receive cruise ships. The core issues of the EIA were the disposal of excavated material and the aesthetic integration of the project into the existing traditional urban environment.
- **Environmental Impact Assessment for the new port works in the Port of Kos:** Commissioned by the Ministry of Public Works. The planned port works will extend the commercial port to upgrade its transport capacity. The core issues of the EIA were the disposal of excavated material, noise and air pollution from port activities, and the degradation of the urban environment caused by the port access.