

Project Update: May 2019

1. Information

On Dikili and Çandarlı winter surveys, fishermen and site administrations were given contact numbers. Information on past strandings was collected. Contact information was given to the cafes in the Pamucak and Güzelçamlı surveys. Ecosystem Protection and Nature Lovers (EKODOSD), which plays an active role in the region from NGOs, and Sea Turtle Research, Rescue and Rehabilitation Center (DEKAMER) which is outside the region, were made contact to communicate with during the project.

A landline was taken to use and serve as a stranding report number for the project. An information letter was sent to the Coast Guard Command including the project introduction and the report number.



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2. Coastline Survey

Seasonal coastal surveys were carried out in 5 areas: Çandarlı, Dikili, Pamucak, Güzelçamlı and Gediz Delta. No dead individuals were found as a result of the surveys.



a) Çandarlı, b) Dikili, c) Pamucak Coast, d) Davutlar Coast

3. Denunciation Calls and the Necropsy

A dolphin was found dead by the citizens fishing in front of the hotel in Selcuk, Izmir, on February 1, 2019, and veterinarian Erdem Danyer was informed. The carcass was wrapped in gelatin and kept; the necropsy was performed the next day. The stranded individual was an adult, male Striped Dolphin (*Stenella coeruleoalba*). There were traces of nets on the skin of the animal. Ectoparasite was not found. Excessive clotted blood was found in the heart and vessels as an indicator of drowning. Endoparasite was sampled in internal organs. The cause of death as a result of necropsy was determined as drowning due to get caught in the fishing net.



On the date of 20.04.2019, a Striped Dolphin (*Stenella coeruleoalba*) species was stranded live in the parsley bay of Menderes district of İzmir province. The notification made to İzmir Directorate of Provincial Agriculture and Forestry was directed to Assoc. Prof. Dr. Harun Güçlüsoy. The people who reported the case were contacted, and the dolphin has seemed probable would be sick when the video was watched, but the dolphin returned to the offshore a few hours after stranded. The team in Izmir went to the field, but no animals were found because the animal was returned to the sea. Contact information was provided to people who found the dolphin.



4. Project Logo

The project logo was designed to facilitate gathering the stranding network in the region in a single center and to be used in mobile application and project promotion.



5. Mobile Application

The company, which we agreed during the project application for mobile application software, increased its price until the project was accepted. This caused us to look for another software developer. The second software developer stopped programming the application, stating that he could not conduct the business three months later. This situation lost us five months. This was a negative development that disrupted the process for the stranding network to be established.

Mobile application has been developed for iOS and Android operating systems in order to form the basis of a forward-looking systematic stranding network with the software company we recently agreed.

The mobile application presents to users the two kind of report options: by calling directly or by sending videos, locations, and photos via the application. In order to raise awareness in the content of the mobile application, there are guidance steps on what to do on stranding cases and there is an informative catalog for marine mammals observed in Turkey. A database was created to gather the stranding data within the application.

You can access the app from the links below:

For iOS:

<https://apps.apple.com/tr/app/haber-ver-ya%C5%9Fat/id1475639859?l=tr>

For Android:

<https://play.google.com/store/apps/details?id=com.dimnida.akd>

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HABER VER, YAŞAT

Yunus, Balina ve Fok İhbar Uygulaması



Yunus-Mutur



Balina



Fok



Geçmiş
İhbarlar

Türler



Merak
Edilenler

Bilgi

Geçmiş
İhbarlar

Türler



Merak
Edilenler

Bilgi



HABER VER, YAŞAT

Yunus, Balina ve Fok İhbar Uygulaması

Bu uygulama Türkiye'nin Ege Denizi kıyılarında karaya vuran deniz memelilerine müdahale edebilmek, Ege kıyıları dışında gerçekleşen vakaları bölgedeki ilgili kurumlara ileterek bir karaya vurma iletişim ağı alt yapısı oluşturmak amacıyla geliştirilmiştir.



Bu uygulama Dokuz Eylül Üniversitesi Deniz Bilimleri ve Teknolojisi Enstitüsü'nde çalışılan 'Türkiye'nin Ege Kıyılarında Karaya Vuran Deniz Memelileri ve Değerlendirilmesi için Yönetişim Modeli' başlıklı tez ve Akdeniz Koruma Derneği ile yürütülen Rufford Small Grant'ın desteklediği 'Determination of Threatening Factors and Stranding Frequency for Cetaceans Conservation in the Central Aegean Coasts' başlıklı proje kapsamında oluşturulmuştur.

