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# ECOLOGICAL AND EDUCATIONAL CENTRE **PAUL DE TORNADA** PROFESSOR JOÃO EVANGELISTA

## **CONTACTS:**

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#### **HOW TO ARRIVE:**

A8 Highway – Exit at the 86th Km (node 20), in the direction of Tornada, by means of the National Road 8 (N8).

Within the locality of Tornada, turn at a small street (Rua do Paul) next to the church's wall. Follow the signs to Tornada's Marsh Local Nature Reserve.

**Coordinates:** 39°26'52'' N 09°07'58'' 0 W

COFINANCIAMENTO

Programa de De

CALDAS DA RA

Coordenação de projecto: GEOTA | Grupo de Estudos de Ordenamento do Território e Ambiente Conteúdos: Ana Filipa Ferreira, André Freire, Florbela Ferreira, Nuno Lourenço e Teresa Lemos Ilustração: responsabilidade técnica de Marco Nunes Correia Ilustradores: Cláudia Baeta, Lúcia Antunes, Marco Nunes Correia e Pedro Salgado Design: Cláudia Baeta e Marco Nunes Correia

PARCEIROS

**ICNF** 

PROMOTOF

LEADER OESTE

A Doorway to Tornada's Marsh Local Nature Reserve

## THE CENTRE

Tornada's Marsh Ecological and Educational Centre – Professor João Evangelista is a facility for Environmental Education which also functions as an interpretation centre for the Tornada's Marsh Local Nature Reserve.

The Centre is managed by two environment non-governmental organizations: GEOTA and PATO, with support from the Municipality of Caldas da Rainha.



## **TORNADA'S MARSH**

Tornada's marsh is a wetland which serves as a habitat for a remarkable collection of animal species, more notably birds, specially the migratory ones. Thus, the Marsh is an ideal place for birdwatching.

Birds like the eurasian-coot, the grey-heron and the western-marsh-harrier reside in the Marsh, and can be seen around the year. Additionally, the purple-swamphen, a priority species within the Birds Directive, can be found here. During the spring-summer period various migrant birds arrive, such as the barn-swallow, the eurasian-reedwarbler, the great-reed-warbler and the elegant purple-heron.

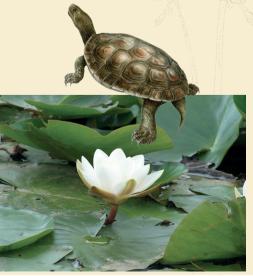
By winter, there is an abundance of great-cormorants and the osprey may be observed.

Although they don't settle in the Marsh, birds like the bluethroat and the whinchat can be seen when they traverse the area during their migrations.

Occasionally, the black-kite, short-toedsnake-eagle and white-stork can be found as well.

Besides birds, the Marsh is also home to the mediterranean-turtle, the Iberianemerald-lizard, the mediterranean-treefrog, the least-weasel, the fox and the european-otter, symbol of the Reserve.

Concerning flora, reeds, club-rushes, bulrushes and other rushes occur within the inundated lands. There is also a great diversity of herbaceous plants, as well as bushy and arboreal formations of willows, as is the case of the grey-willow.





#### **ACTIVITIES**

- FIELD TRIPS TO THE MARSH;
- PAPER-CHASE
- ATELIERS: Tornada's Marsh's Birds Paper recycling Seed balls Mini-garden construction Medicinal and aromatic plants Bird feeder construction Herbarium making

## **CHILDREN'S ACTIVITIES**

- EDUCATIONAL GAMES
- BIRTHDAY PARTIES

## THE CENTRE IS EQUIPPED WITH:

- Multi-use room (40-60 seats);
- Media and documentation centre;
- Temporary exhibition room;
- Indoors observatory, based on the exhibition room;
- Dormitories (bedding for 12);
- Laboratory for experimental activities;
- Kitchen;
- Picnic/outdoors recreational area