

ΓΕΩΠΑΡΚΟ ΧΕΛΜΟΥ - ΒΟΥΡΑΪΚΟΥ / CHELMOS - VOURAIKOS GEOPARK

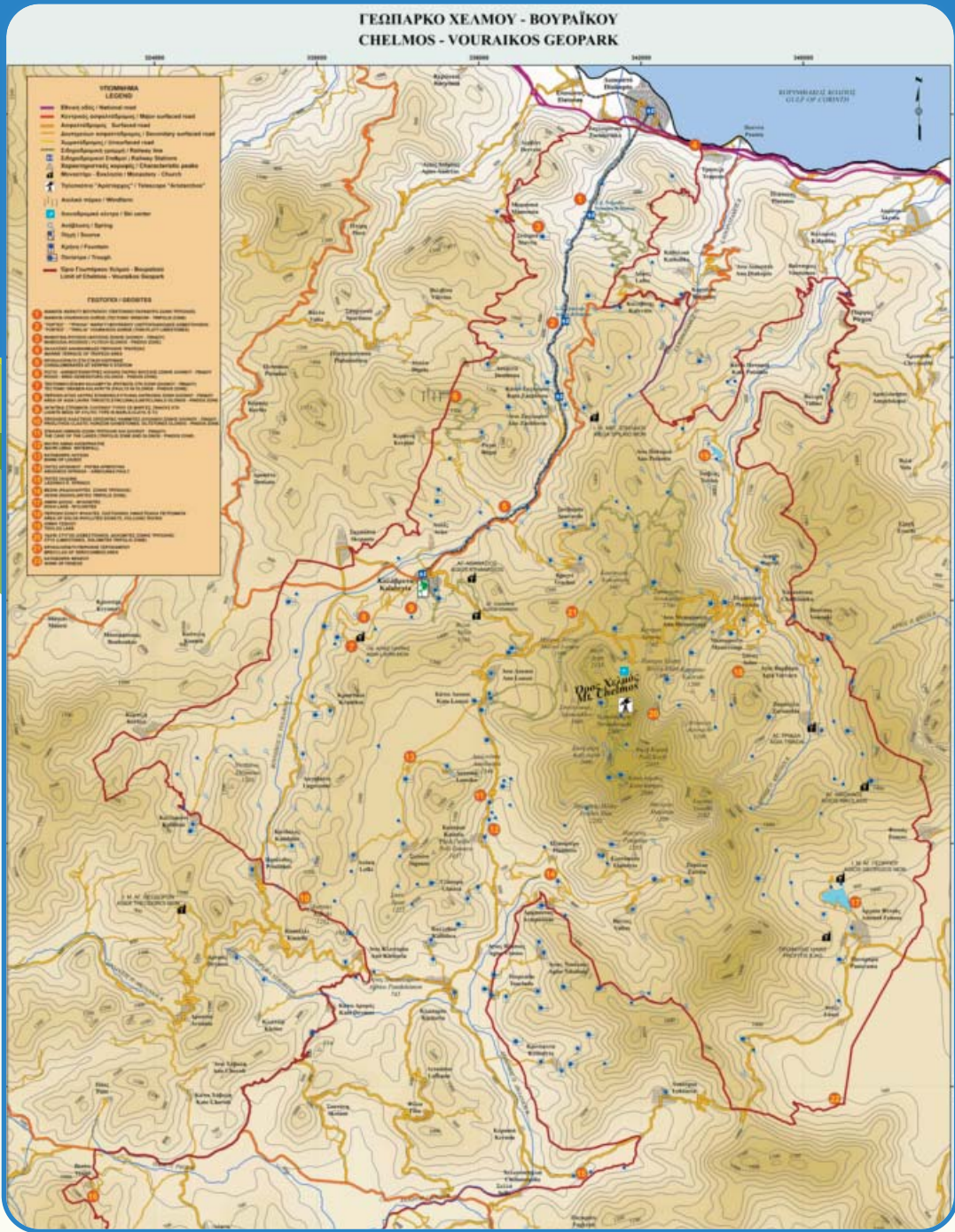


ΦΟΡΕΑΣ ΔΙΑΧΕΙΡΙΣΗΣ
ΧΕΛΜΟΥ-ΒΟΥΡΑΪΚΟΥ
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ΕΘΝΙΚΟ ΠΑΡΚΟ ΧΕΛΜΟΥ ΒΟΥΡΑΪΚΟΥ
CHELMOS - VOURAIKOS NATIONAL PARK

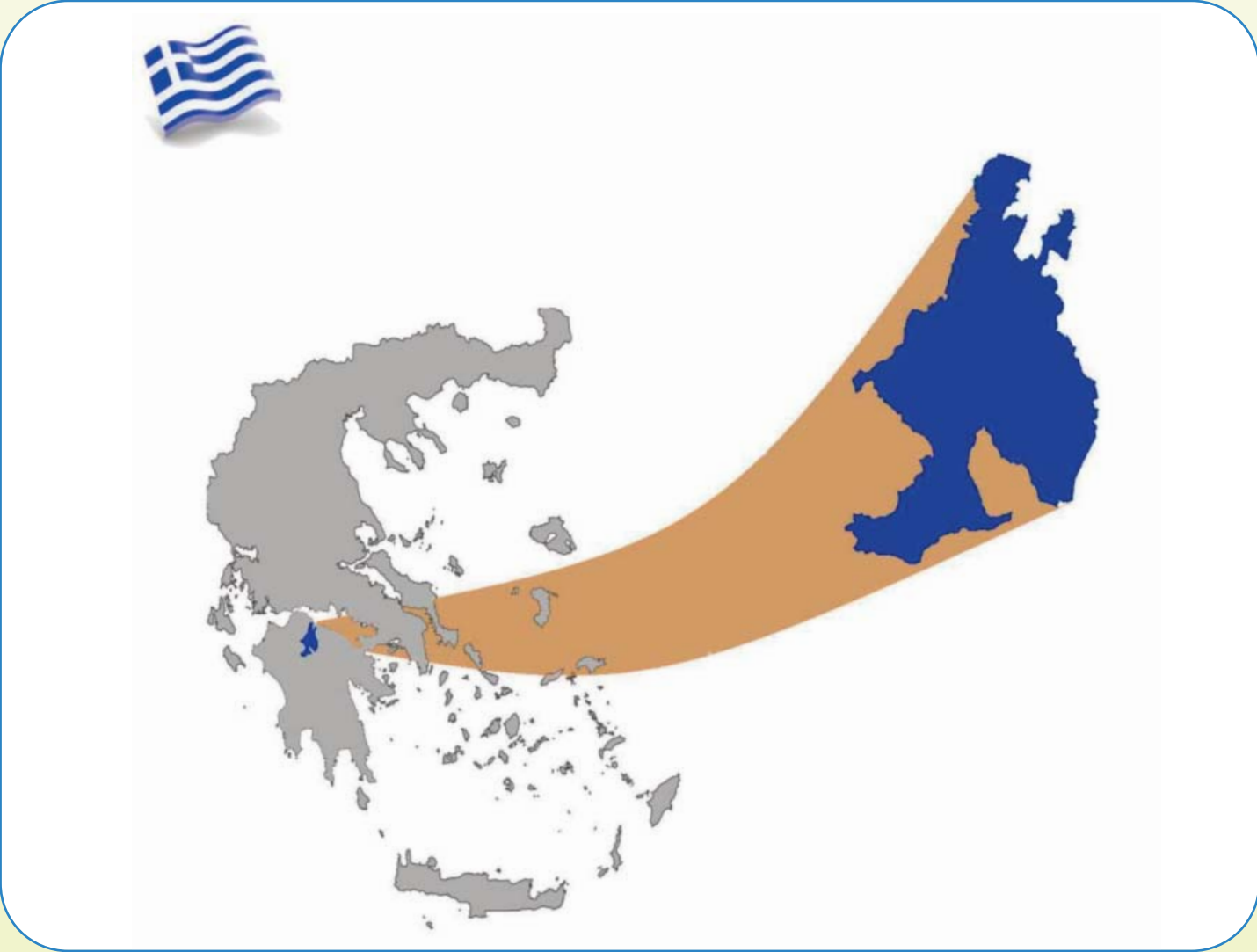
Chelmos-Vouraikos Geopark joined the European (EGN) and Global Geoparks Networks (GGN) on 2009 and covers an area of approximately 647 km². The mountain Chelmos consists of mountainous and semi-mountainous morphological elements. The geological structure of the mountain and the natural characteristics of the rocks are the most essential factors that contribute to the configuration of the morphological terrain together with the erosion by the water, the climatic conditions and parameters such as the intensity of rainfalls and snowfalls. Among the most prominent Geosites of the Geopark are the Cave of the Lakes, the Vouraikos Gorge and the Styx waters.

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GEOSITES

- 1 Niamata-Vouraikos Gorge (tectonic window-Tripolis zone)
- 2 Portes-Triklia Vouraikos Gorge (thin-platy limestones)
- 3 Mamousia-Rouskio (Flysch Olonos-Pindos Zone)
- 4 Marine terrace of Trapeza area
- 5 Kerpinis' stage (Conglomerates)
- 6 Roghi-wind generators (Olonos-Pindos Zone)
- 7 Tectonic graben Kalavrita (faults in Olonos-Pindos Zone)
- 8 Area of Agia Lavra (Thrusts, Synclinal, Anticlinal in Olonos-Pindos Zone)
- 9 Lignite beds of xylitic type in Marls, clays, etc.
- 10 Priolithos - Clastic horizon (sandstones, siltstones, nodules Olonos-Pindos Zone)
- 11 The Cave of the Lakes (Tripolis zone and Olonos-Pindos Zone)
- 12 Mavri Limna - waterfall
- 13 The sink of Lousiko
- 14 Aroanios Springs – Arbonas (fault)
- 15 Mati tou Ladona-Complex Tectono - Sedimentary
- 16 Vesini- (Radiolarites Tripolis zone)
- 17 Doka lake (Mylonites)
- 18 Area of Solos (Phyllites schists, Volcanic rocks)
- 19 Tsvilos Lake
- 20 Styx (Limestones-Dolomites Tripolis zone)
- 21 Breccias of Xerocambos area
- 22 The sinks of Feneos



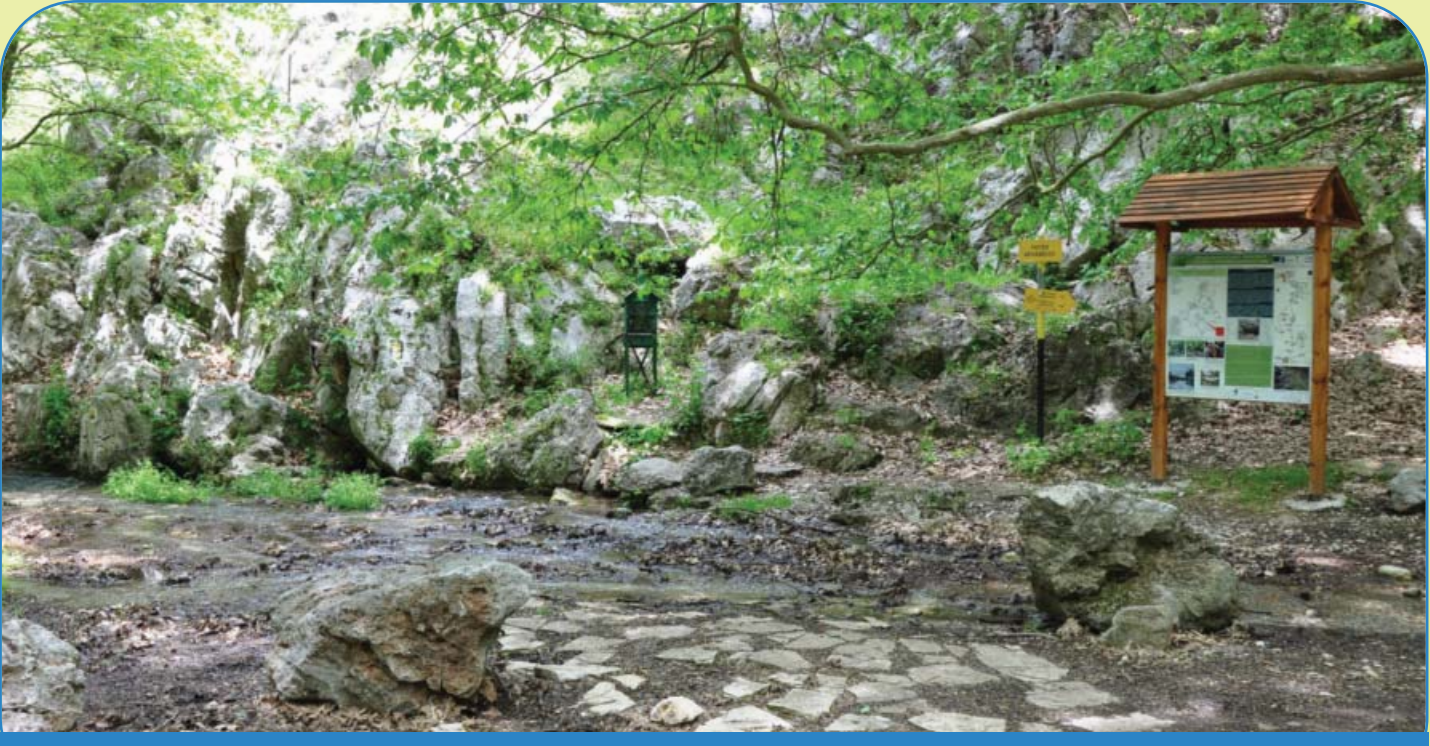
Ladon river's springs



Styx waters

The Cave of the Lakes a rare natural creation, with labyrinth-type corridors, mysterious alcoves, stalactites and terraced lakes; truly unique in the world. Vouraikos Gorge with the rapid homonymous river and the great ecological interest because of the rare endemic species of flora and fauna and also of its particular geomorphological characteristics and interesting geological formations.

Finally Styx Waters form an impressive zoom waterfall. Several myths surround this Geosite with the most well-known to be that of Achilles turning into immortal after his mother, Thetis, bathed him under this waterfall holding him by his heel, the only spot of his body that remained vulnerable (i.e. Achilles' heel).



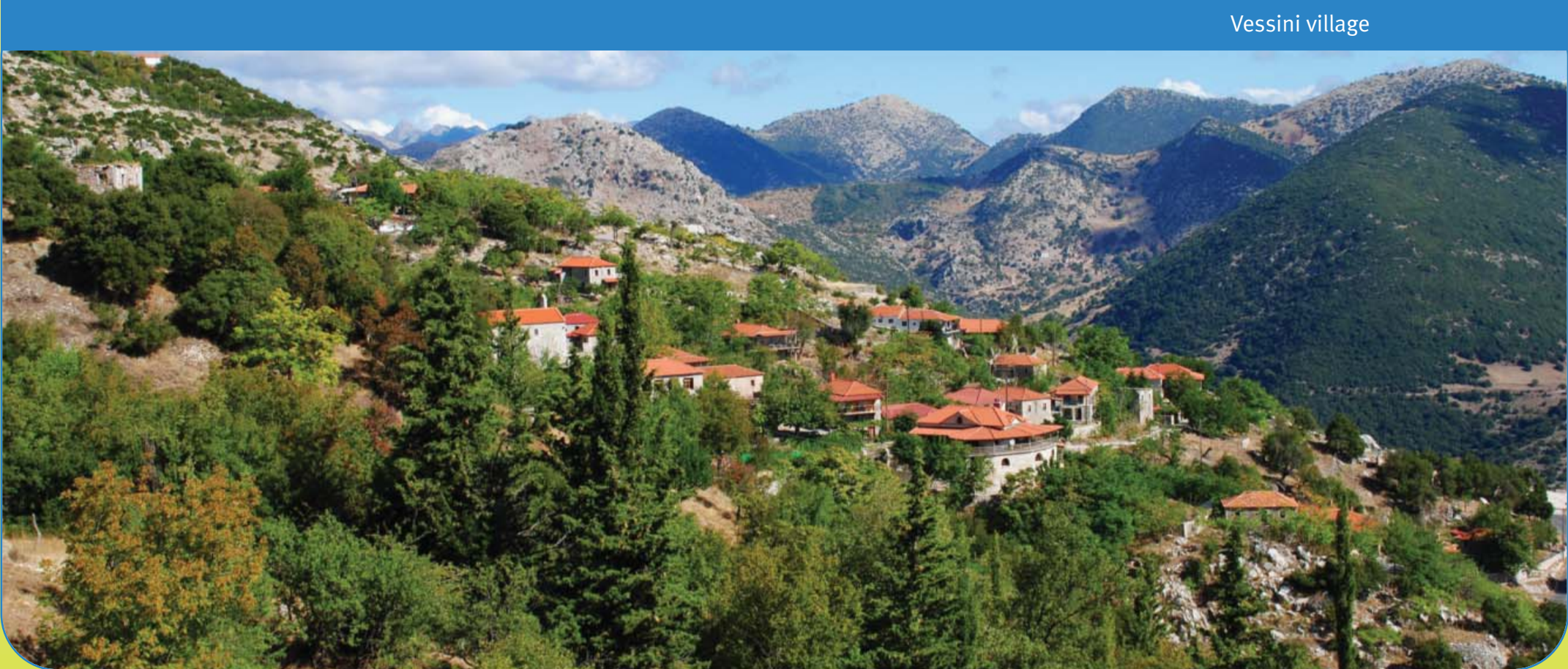
Aroanios river's springs



Cave of the Lakes



Loussoi Sinkholes



Vessini village



Φορέας Διαχείρισης Χελμού-Βουραϊκού
Αγίου Αλεξίου 35, Καλάβρυτα Αχαΐας,
ΤΚ: 25001,
Τηλ: 26920 29140 Φαξ: 26920 29141

Management Body of Chelmos-Vouraikos
Ag. Alexios Str., 35 Kalavryta GR 25001
Tel.: +30 26920 29140 Fax.: 26920 29141

web: www.fdechmos.gr
Email: fdxb@otenet.gr

