

15 km
5 m 547 m.

(*Sarcopoterium spinosum*), (*Lavandula stoechas*), (*Genista acanthoclada*), (*Cistus creticus*, *Cistus savofolius*)

(*Quercus infectoria*), (*Arbutus andrachne*), (*Pistacia lentiscus*), (*Phillyrea media*), (*Erica Malipuliflora*), (*Juniperus oxycedrus*)

(*Pinus brutia*)

20-25 μ

1977 (6.500), 1999 (1000), 2006 (6.700).

Minimum Travel Time (MTT) FlamMap

(Finney 2002, 2006). Rothermel (1972), Van Wagner (1977).

MTT

The main objective of this project is to assess the impact of climate change on the coastal zone of the North Aegean Region, with a particular emphasis on the island of Lesbos. The project is part of the "CLIMAP" (Climate Adaptation Planning) program, which aims to help coastal communities in the region become more resilient to the impacts of climate change.

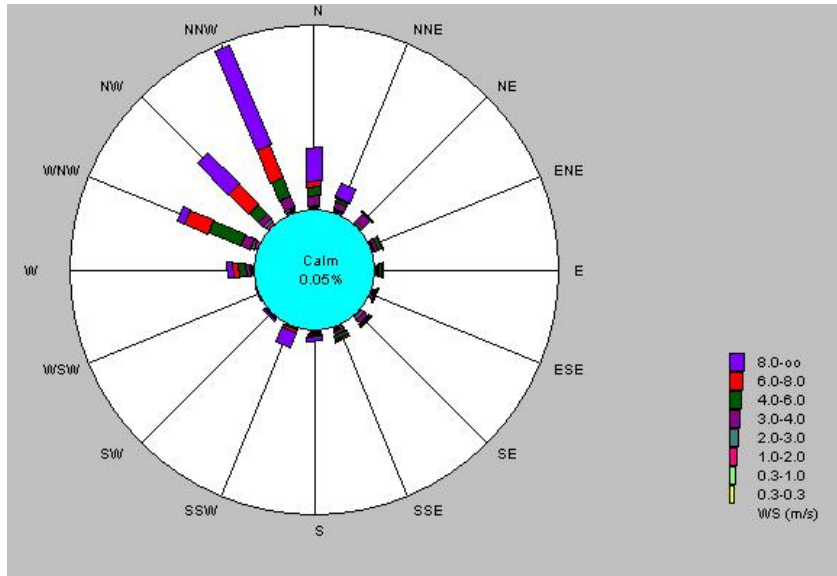
The project is based on a series of workshops and field visits, which have allowed us to gather valuable information from local stakeholders and experts. This information has been used to develop a set of recommendations that can help the region adapt to the impacts of climate change.

One of the key findings of the project is that coastal erosion is a major problem in the region, and that it is likely to worsen in the future due to rising sea levels and increasing storm frequency. This has led to the loss of land and property, and the displacement of residents.

To address this problem, we have recommended a number of measures, including the construction of coastal defense structures, the planting of coastal vegetation, and the relocation of buildings and infrastructure. We also recommend that the region should invest in coastal zone management plans, which would provide a framework for the sustainable development of the coastal zone.

In addition to coastal erosion, we have also identified other climate change impacts, such as the drying up of water resources and the increase in the frequency and intensity of extreme weather events. We have recommended a number of measures to address these issues, including the construction of new water supply infrastructure, the implementation of water-saving measures, and the development of early warning systems for extreme weather events.

We believe that these measures are essential for the North Aegean Region to adapt to the impacts of climate change and to ensure a sustainable future for its residents. We hope that this report will provide a useful guide for decision-makers in the region.



1: 2012 2010-

30/9/2012, 1/1/2010, 30/9/2012, 1/6/2003

8 m/s. 5,7 m/s

8,1 m/s 10

(16,2 mm). (121,1 111,3 mm (5,6%) (9,2%).

0,6 mm),

Averages by month for : 01-06-2003 to 30-09-2012									
Averages by month for WIND for : 01-01-2010 to 30-09-2012									
Month	Temp Air	RH	Mean Wind Speed (10 m)	Wind Direction	Wind Gusts (10 m)	Wind Gusts (6.1 m)	Rain	Patm	MC-Fuel
Jan.	8.1	67.8	4.2	NNE	8.2	16	827.4	1010.3	18.5
Feb.	8.5	67.4	3.9	SE	7.8	15	985.4	1008.3	18.4
Mar.	11.1	62.6	3.9	NNE	7.3	14	397.1	1009	14.1
Apr.	14.6	58.6	3.9	NNE	7.6	15	470.2	1006.6	12
May	19.2	55.2	2.9	NNW	5.7	11	220.4	1005.9	9.2
Jun.	24	50.7	3.6	NNW	6.6	13	121.1	1004.8	6.9
Jul.	26.1	48.2	4.4	NNW	7.5	15	16.2	1002.8	5.6
Aug.	26.2	49.1	4.8	NNW	8.1	16	0.6	1003	5.7
Sep.	22.1	55.9	3.8	NNW	6.8	13	111.3	1006.8	7.5
Oct.	17.9	63.5	3.9	NNE	7.4	14	358.3	1009.6	11.5
Nov.	13.3	68.1	4	NNE	7.7	15	586.7	1011.5	14.8
Dec.	10.3	69.6	4.1	SSE	8.3	16	924.9	1011.4	18.4
Units	°C	%	m/s	°	m/s	mph	mm	mbar	%
Avg.	16.8	59.7	3.9		7.4	14	418.3	1007.5	11.9
S.D.	6.4	7.5	0.4		0.7	1.5	334	2.9	4.8
Max	26.2	69.6	4.8		8.3	16	985.4	1011.5	18.5
Min	8.1	48.2	2.9		5.7	11	0.6	1002.8	5.6

1: μ μ μ μ μ μ

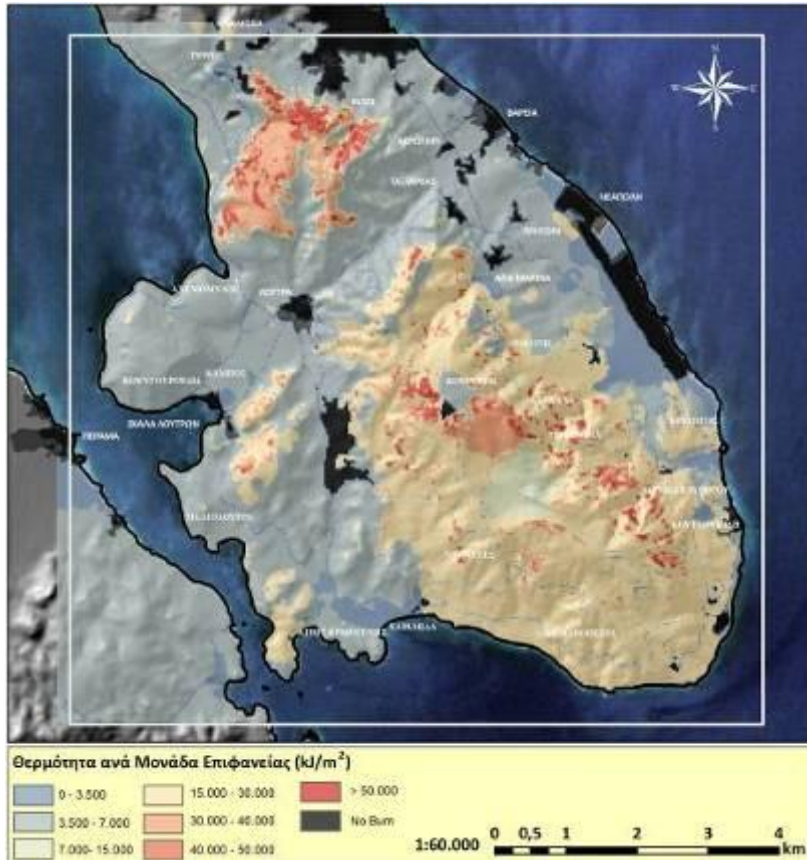


4: μ μ μ



5: μ μ μ μ

μ μ μ μ μ (heat per unit area)
kJ/m² μ



6: μ μ μ μ μ

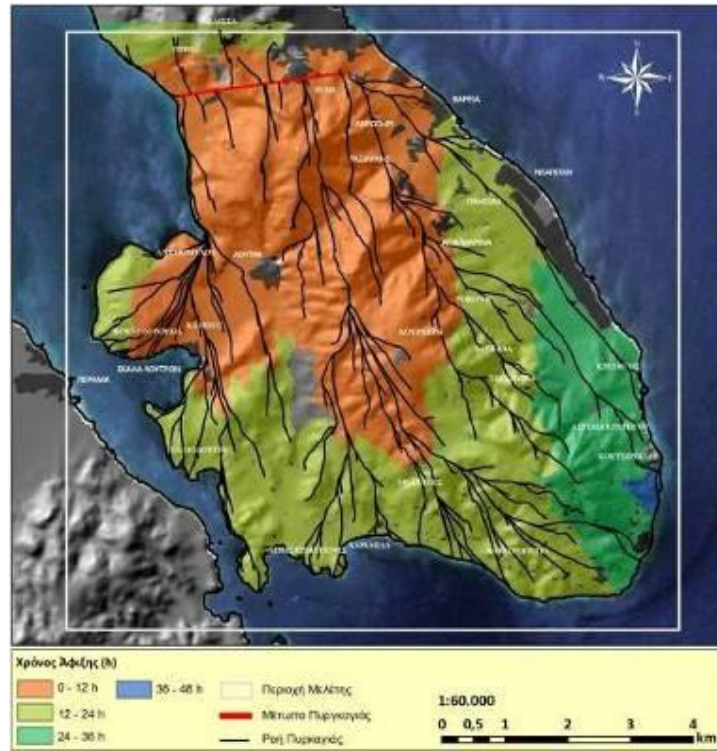
μ μ (7) μ
 μ μ μ μ μ μ μ
 μ μ μ μ μ μ μ μ μ μ



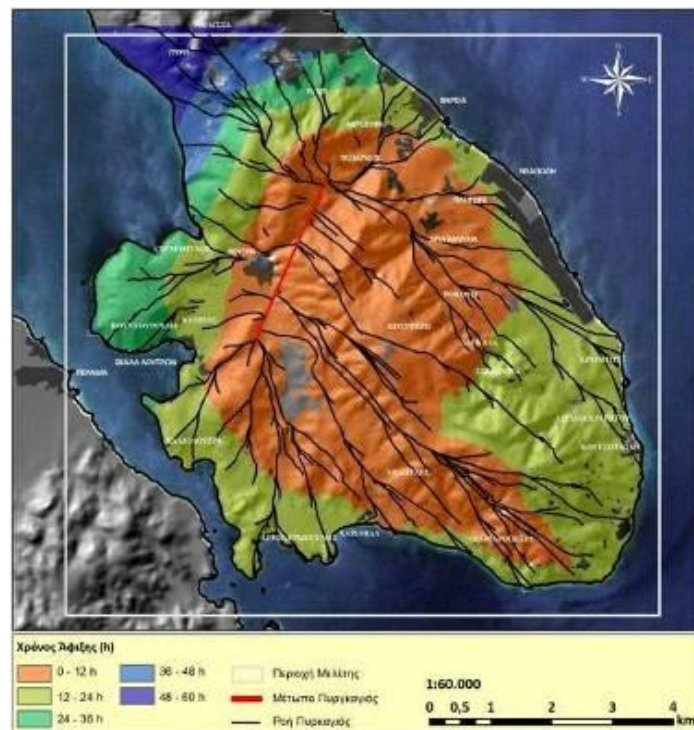
1: μ μ μ



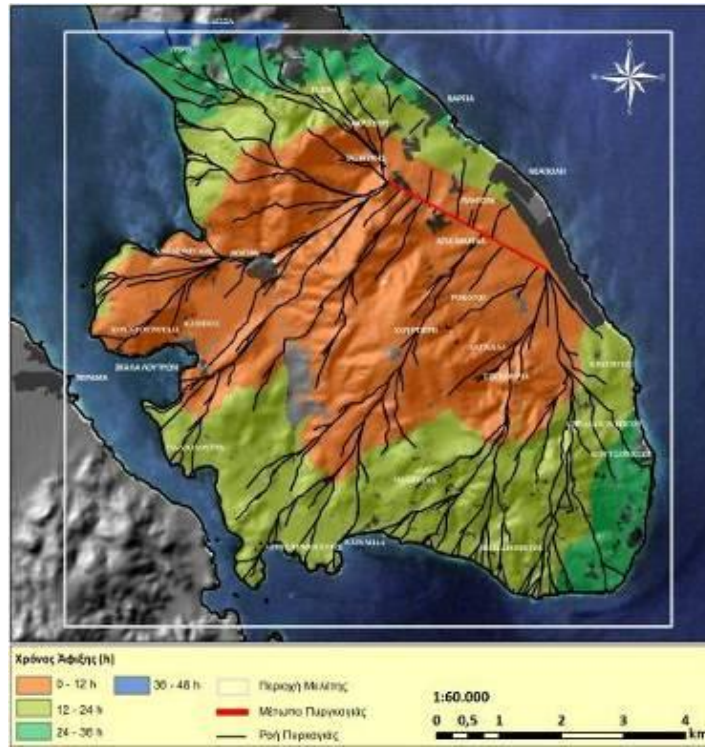
2: μ μ μ ,



8: μ / μ μ



9: μ / μ μ



10: μ / μ μ

μ μ

μ μ μ μ ,

μ μ μ μ . μ μ μ

μ μ μ μ . μ ,

μ , μ (μ μ

)

, - μ μ

(3).

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