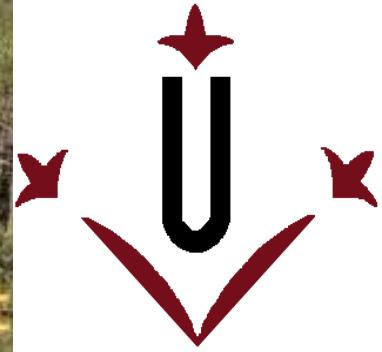




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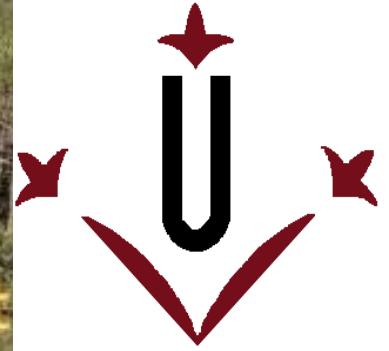


Addressing risks in Mediterranean forest management planning-the case of fire

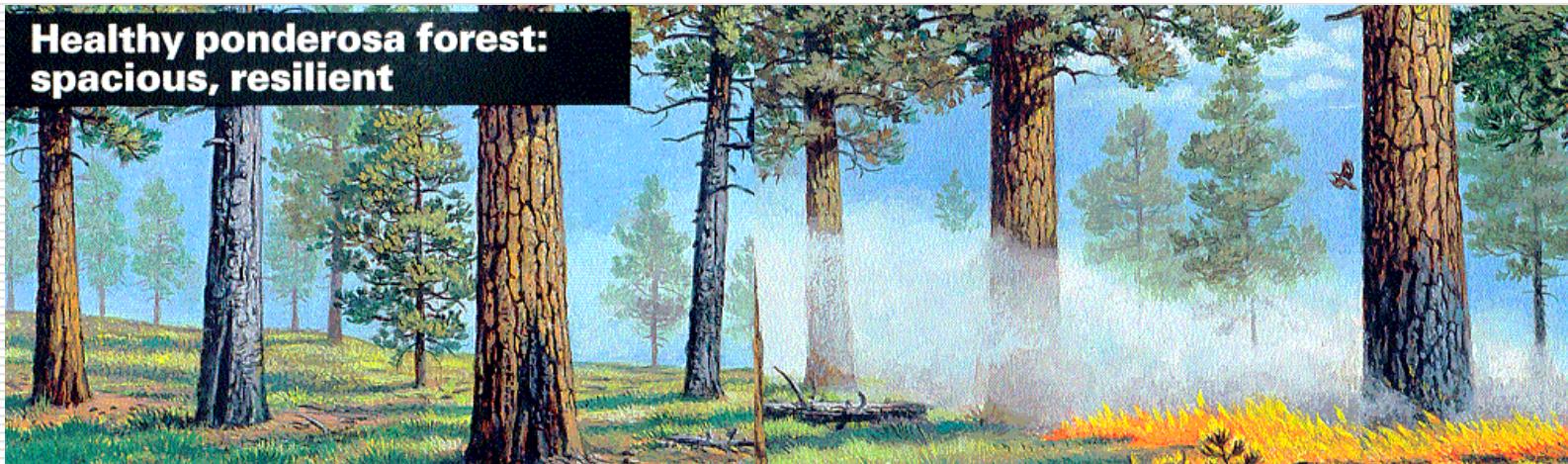
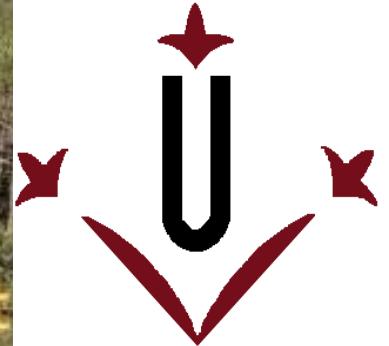
Dr. José Antonio Bonet (Coord. of MEDFOR at UdL)
Contact: jantonio.bonet@pvcf.udl.cat



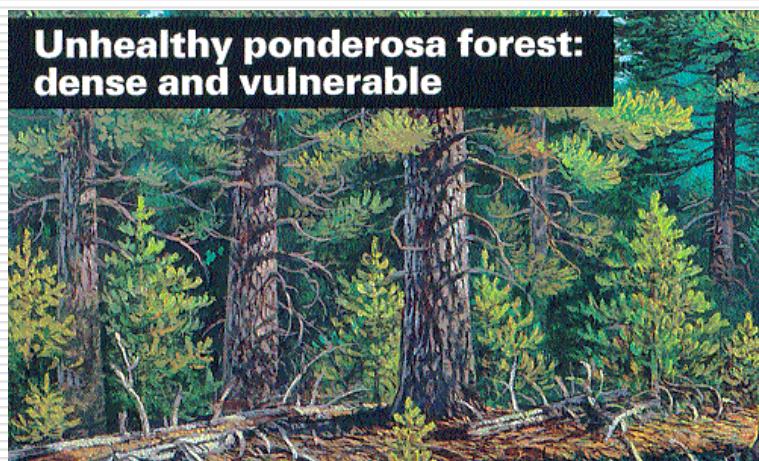
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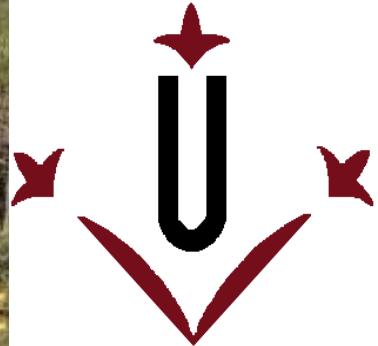


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With Fire Exclusion:





Lost or burned: which is more important?



compared to

An average of over 50
million ha of forest land
burned every year.

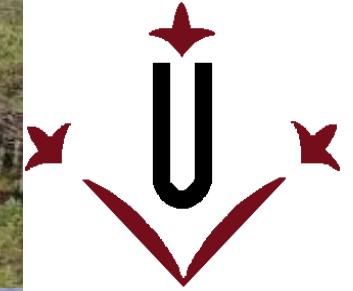
FAO

Nearly 7 million ha of
natural forest lost
per year from 2010-2015.





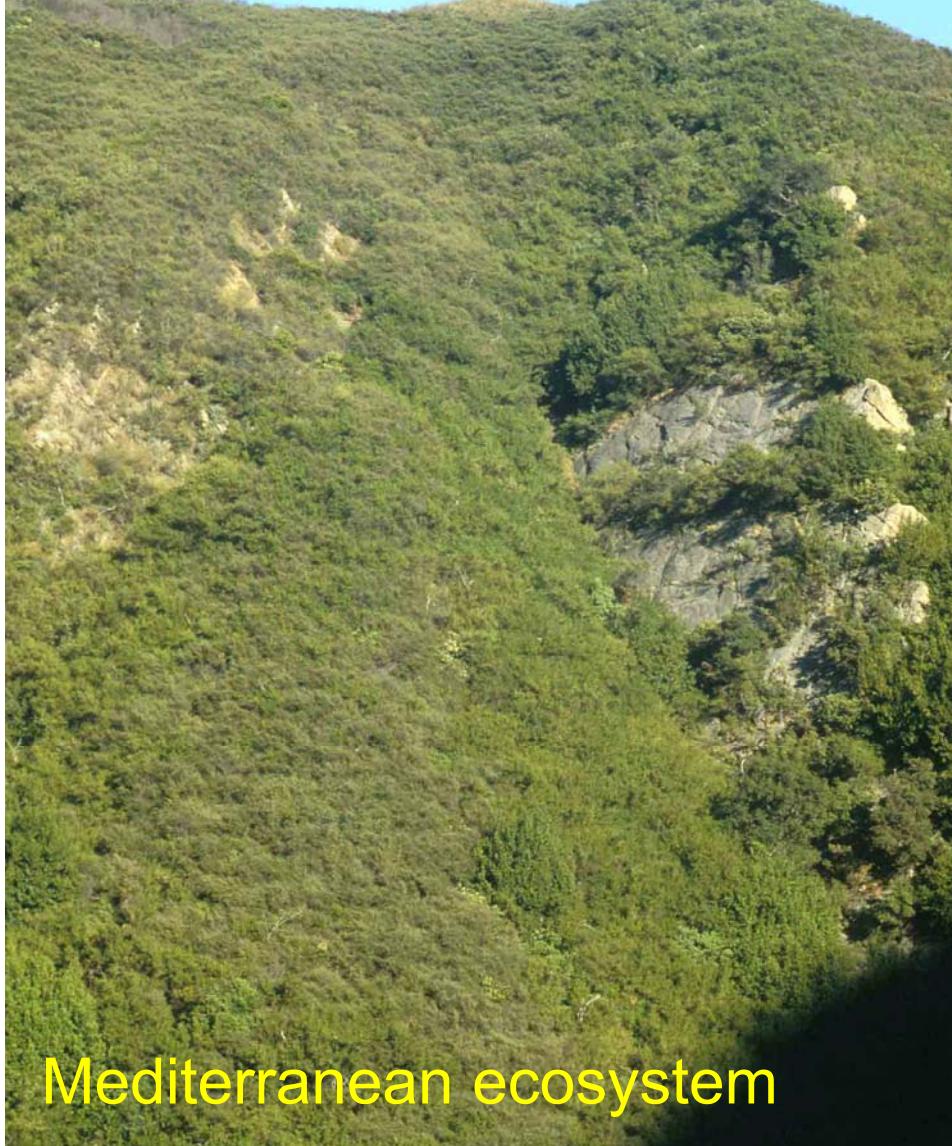
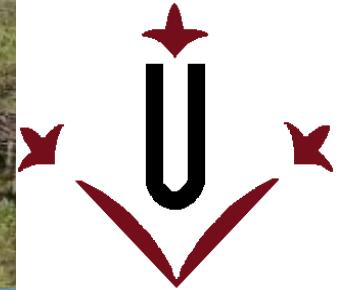
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Large fire (30,000 ha) in central Catalonia in summer 1994



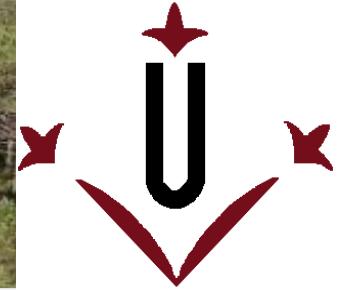
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Mediterranean ecosystem

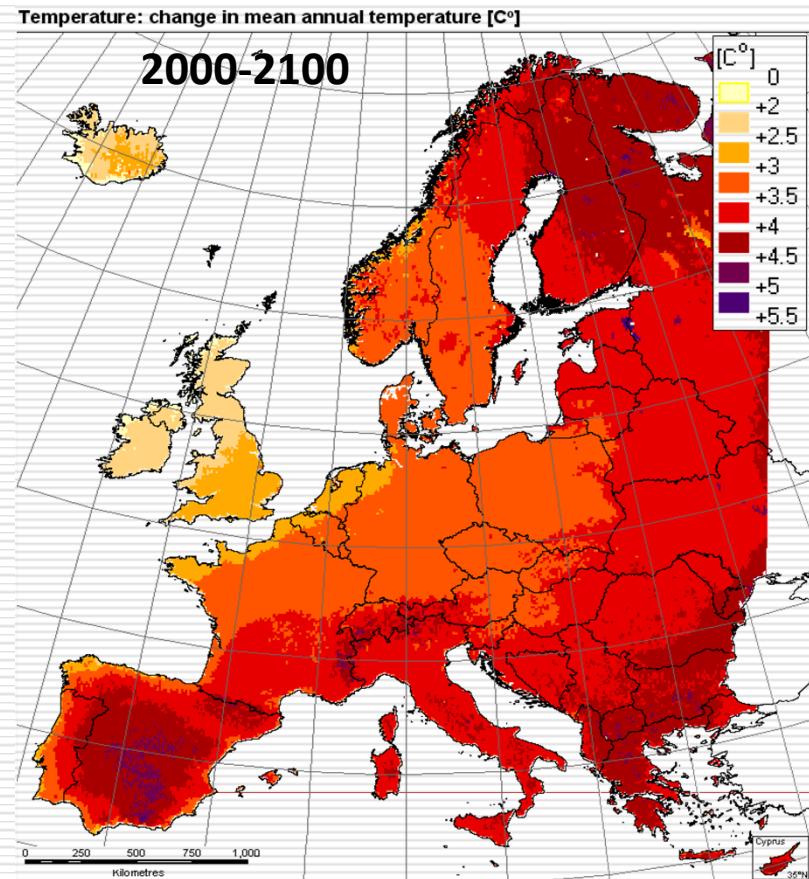


After three fires in 12 years

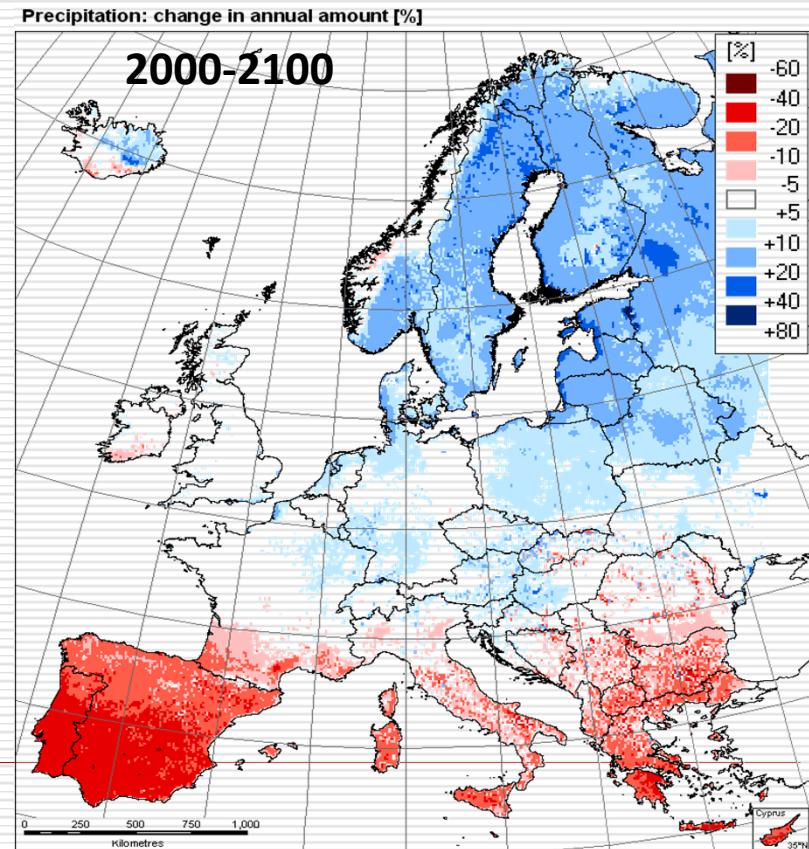


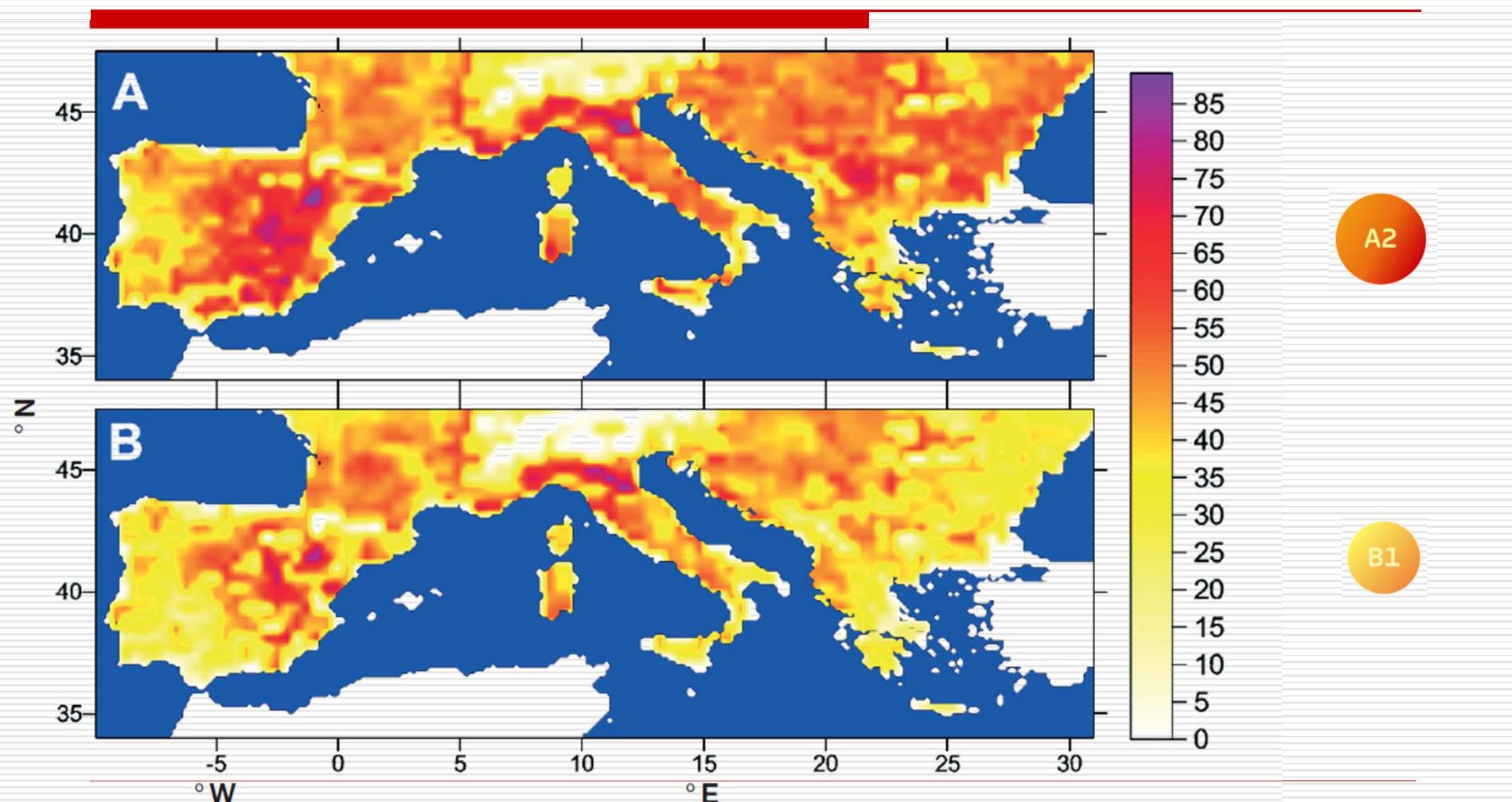
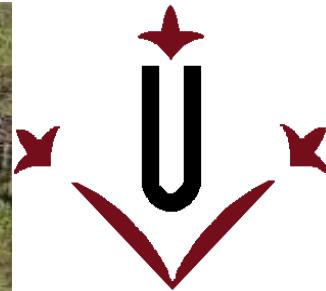
The Mediterranean Basin is particularly sensitive to Climate change

Changes in annual temperature ° C)



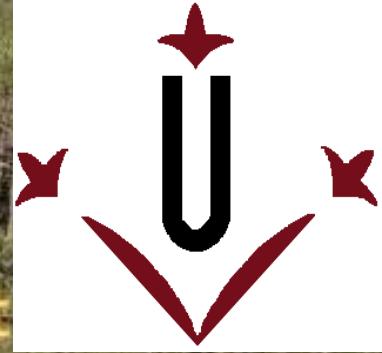
Changes in annual rainfall (%)





Increment of the risk of fires in the future

Moriondo et al, 2006,
Climate Research 31



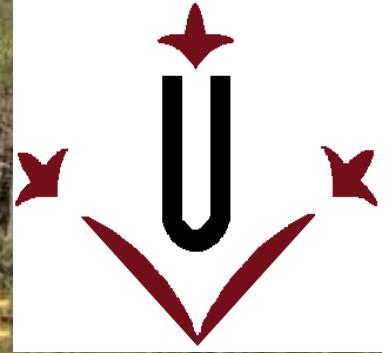
Addressing risks in Mediterranean forest management planning- the case of fire

COURSE	TEACHER/S	Nº ECTS
1. Forest fires in Spain	Dr. J.A. Bonet & D. Molina	5
2. Pastoral uses of Mediterranean forests: A control fire tool	Dr. R. Fanlo / Dr. P. Casals	3
3. Special topics in effects of fire on soils	Dr. J.R. Olarieta	3
4. Prescribed fire laboratory	Dr. D. Molina	6
5. Remote sensing of Forest Fires	Dr. C. Vega	3
6. Principles of Wildland Fire Science and Management	Dr. Victor Resco de Dios	5
7. Writing and publishing a scientific paper	DR. G. Slafer	5
	TOTAL	30









Special topics in effects of fire on soils

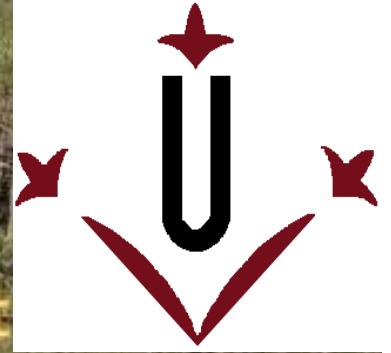






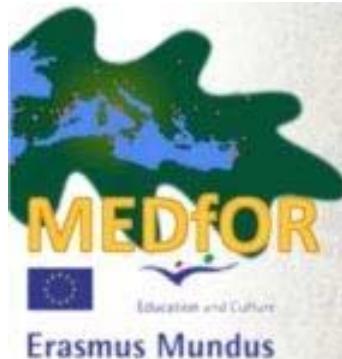


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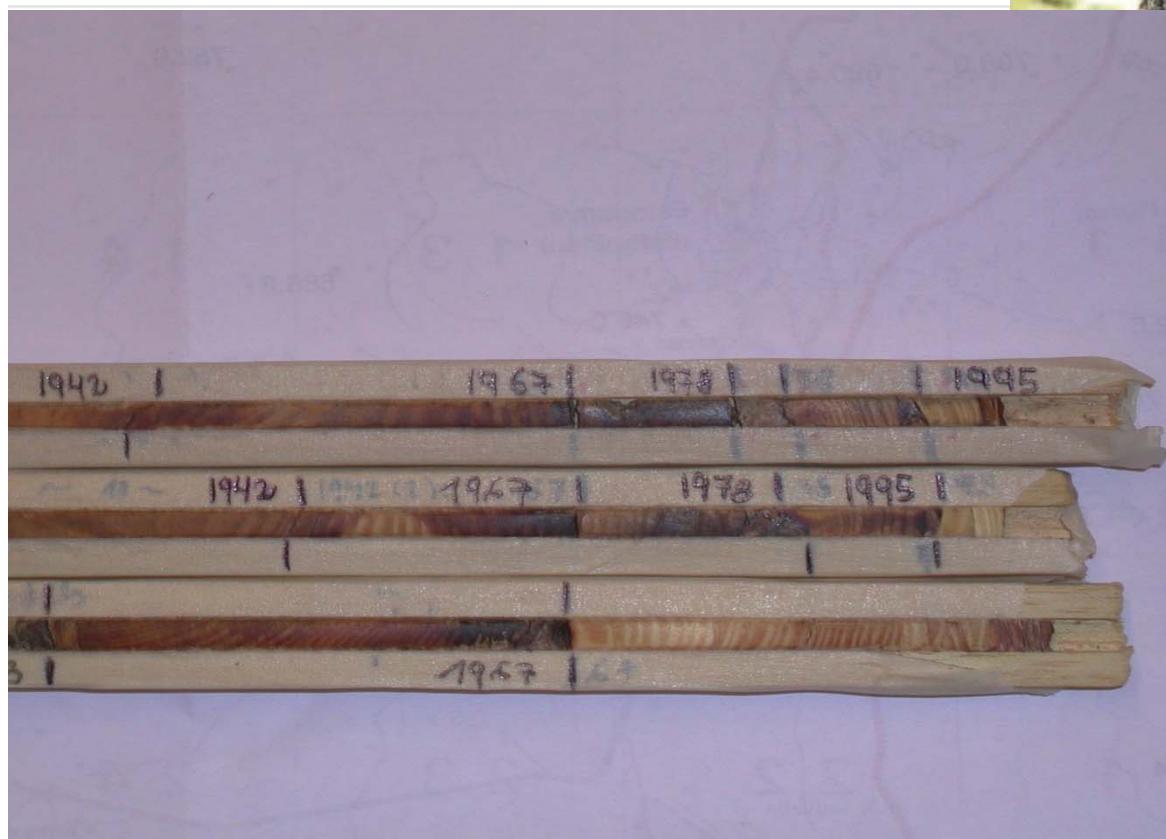
Pastoral uses of Mediterranean forests: A control fire tool





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Prescribed fire laboratory

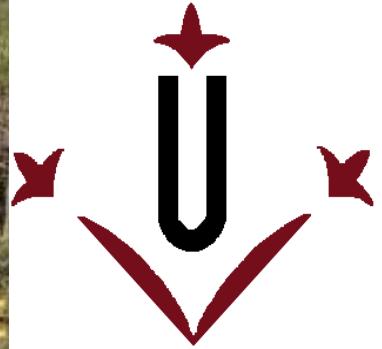




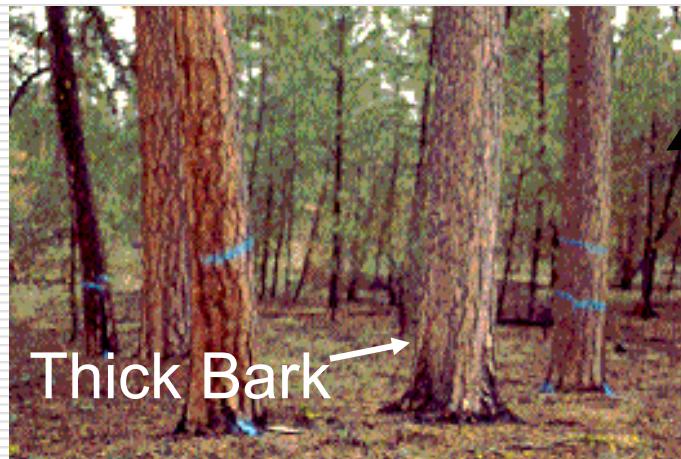








Principles of Wildland Fire Science and Management



Small trees are a result of fire exclusion

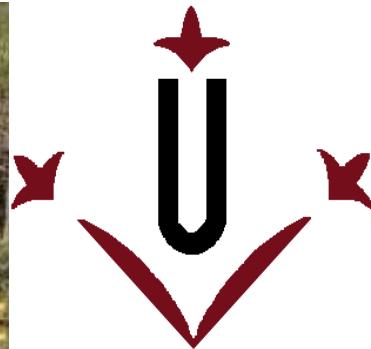








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Remote sensing of forest fires

GLCF: Earth Science Data Interface - Windows Internet Explorer

http://glcfapp.umiacs.umd.edu:8080/esdi/index.jsp

Archivo Edición Ver Favoritos Herramientas Ayuda

GLCF: Earth Science Data Interface

Global Land Cover Facility
Earth Science Data Interface

Home Map Search Product Search Path/Row Search Workspace Login Help Contact Us GLCF

TM
WRS-2, Path 128, Row 034
1991-08-23
EarthSat
Ortho, GeoCover
China
Online: 013-502
Compressed Size: 171 MB; Actual Size: 399 MB

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Search Results (24)

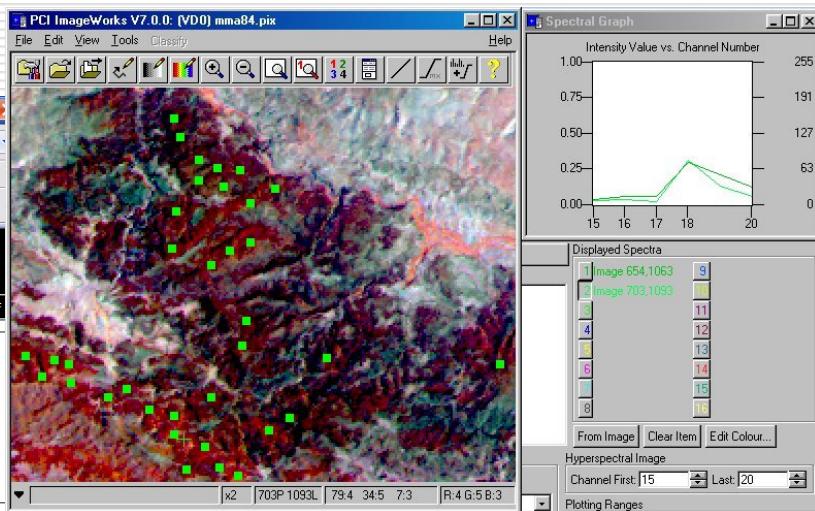
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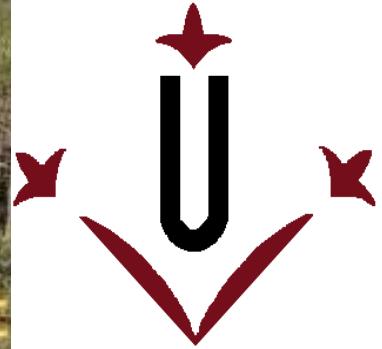
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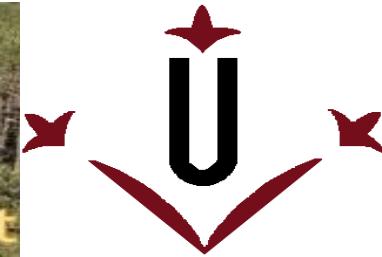
Forest fires in Spain course











Our methodological approach:

Regular classes

Conferences by invited speakers

Field trips



Welcome to Lleida





Catalonia

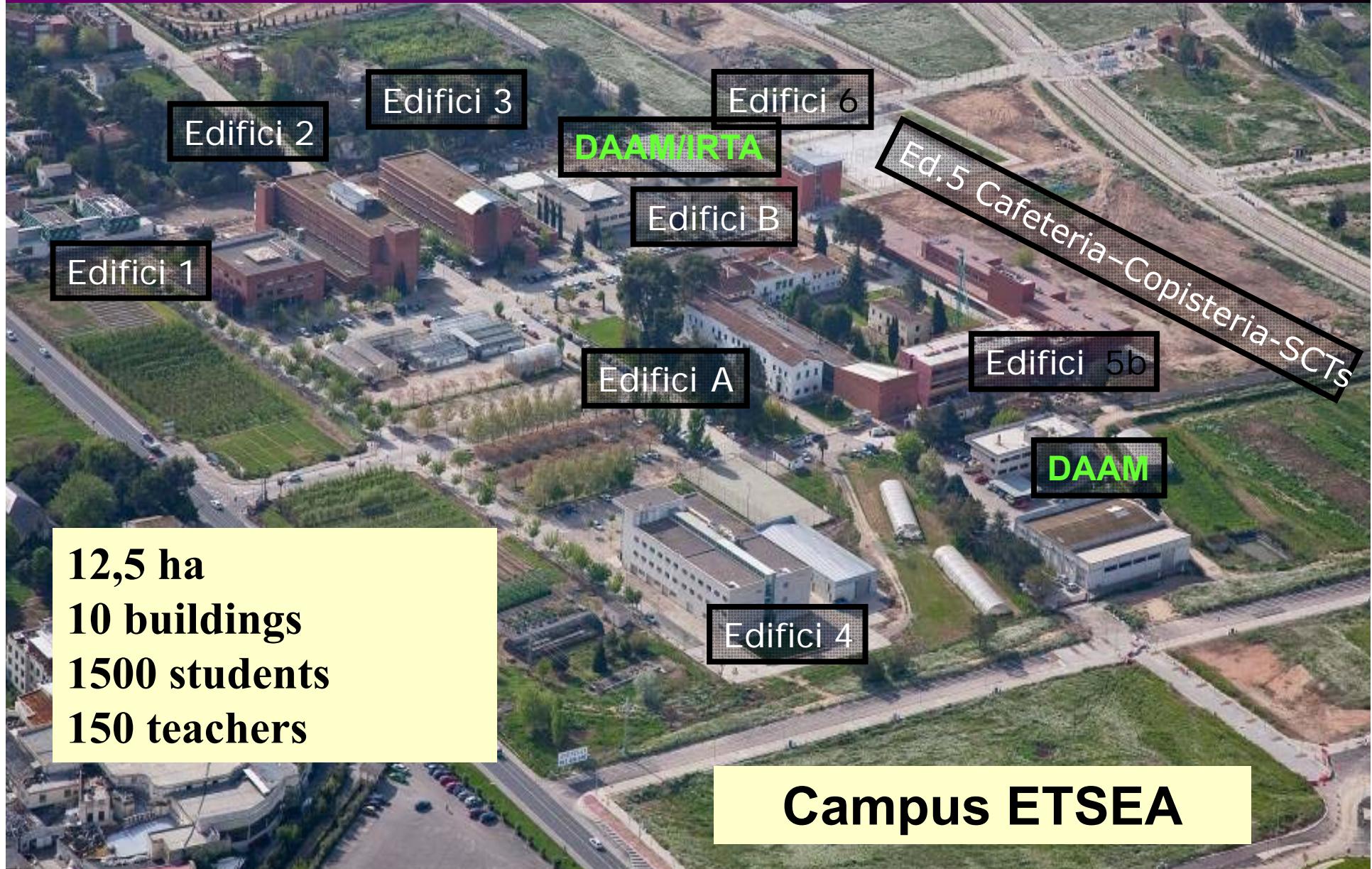
3.209.204 ha

- 63,8% forest land
- 26,8 % agricultural land
- 9,6% other uses

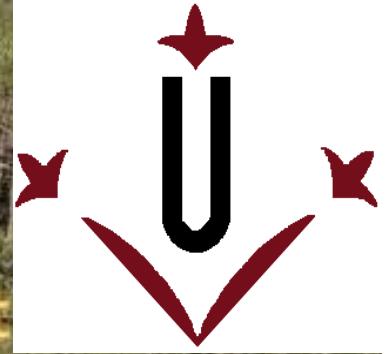




Escola Tècnica Superior d'Enginyeria Agrària



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Thank you for your attention!. Questions may be addressed at:

jantonio.bonet@pvcf.udl.cat

