# The challenges of European regions - Western Greece 

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## Processes favoring fuel built up

Agricultural abandonment: Here, croplands in terraces are abandoned.


Afforestation: Here, open shrublands is transformed into dense forest


## Opposite - Processes

Degradation: Here, dense forest is transformed into sparse vegetation
Thinning: Here, dense forest is transformed into open forest


Urbanization: Here, dense shrubland is transformed in urban Wildland Urban Interface (WUI)





## 2007 large fires in the Peloponnese (Greece) - Synergy of fuel and weather



Koutsias N, Arianoutsou M, Kallimanis AS, Mallinis G, Halley JM, Dimopoulos P (2012) Where did the fires burn in Peloponnisos, Greece the summer of 2007? Evidence for a synergy of fuel and weather. Agricultural and Forest Meteorology 156:41-53

Agricultural abandonment: Here, croplands in terraces are abandoned.


## Selectivity of Burned Areas on Terraces classes (Andros)



Terraces abandonment: Environmental and Cultural losses


Thank you for your attention

