

## BG3.24 Forest under pressure: the need to understand causes, mechanisms and forest adaptive management of dieback forests to improve their resilience

# SilvaCuore, a tool for monitoring the health status of Italian forests

**Maria Castellaneta**

Marco Borghetti, Michele Colangelo, Giacomo Colle,  
Angelo Rita, and Francesco Ripullone

*App now available for smartphones, tablets and PCs*



*SilvaCuore*

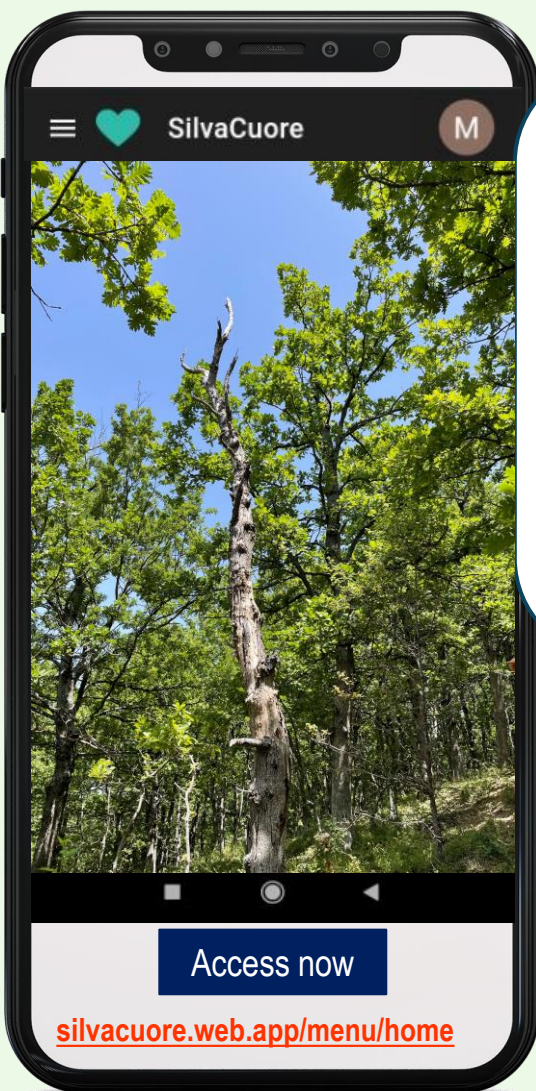
**A new tool to track  
declining forest  
sites in Italy**

*Citizen Science* project,  
which focuses on citizens'  
direct engagement

**Localize vulnerable  
forest areas**

Geo-database of forest  
patches presenting typical  
symptoms of decline

**Build a monitoring  
network**

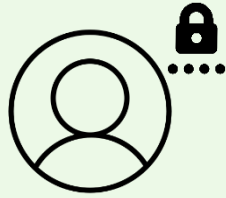


# How does SilvaCuore mobile app work?



Participating is easy !

**1** LOGIN



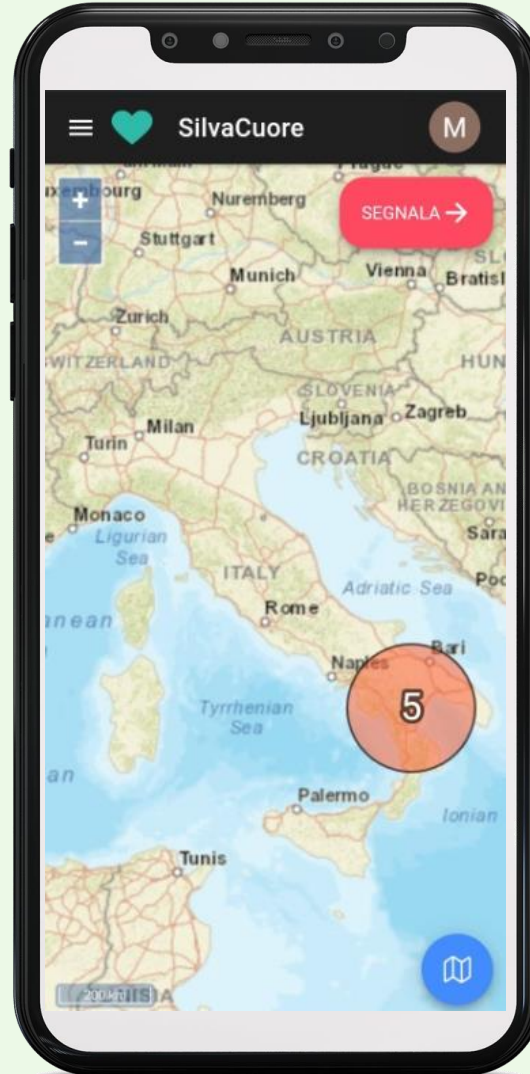
**2** REPORT



**3** TAKE PHOTOS



**4** GEOLOCALIZE



A resource for the **scientific community** and a unique opportunity for citizens to play an active role in research activities

Visit the website **SILVACUORE**

 [www.silvacuore.org](http://www.silvacuore.org)



@ SilvaCuore Community



SCAN ME



# *Citizen Science Project*

Citizens become the protagonists  
of scientific research

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Virtuous cross-over between  
**research science, citizens**  
and new **technologies**

# Website

User-friendly interface provides easy and intuitive navigation



 [www.silvacuore.org](http://www.silvacuore.org)

# Organizations, institutions, associations that cooperate and support SilvaCuore



MINISTERO DELL'AMBIENTE  
E DELLA TUTELA DEL TERRITORIO E DEL MARE



# Dissemination

Castellaneta, M., Borghetti, M., Colangelo, M., Lapolla, A., Rita, A., Ripullone, F. (2021). **SilvaCuore: un'App per monitorare lo stato di salute delle foreste italiane.** *Forest@-Journal of Silviculture and Forest Ecology*, 18(1), 74.

Castellaneta, M. (2021) "**SilvaCuore: l'App che ha a cuore i nostri boschi**". *SmartGreenPost Magazine*



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## Contact us for more informations

 [maria.castellaneta@unibas.it](mailto:maria.castellaneta@unibas.it)

[marco.borghetti@unibas.it](mailto:marco.borghetti@unibas.it)

[michele.colangelo@unibas.it](mailto:michele.colangelo@unibas.it)

[giacomo.colle@crea.gov.it](mailto:giacomo.colle@crea.gov.it)

[angelo.rita@unina.it](mailto:angelo.rita@unina.it)

[francesco.ripullone@unibas.it](mailto:francesco.ripullone@unibas.it)

