

SWIFTT will provide forest managers with affordable, simple and effective remote-sensing tools backed up by Copernicus-satellite imagery and powerful machine-learning models

**Insect outbreaks, windthrow, and wildfires devastate large forest areas every year, and they are made worse by climate change.**

The ever more frequent extreme weather events, like droughts, heatwaves, and storms make trees even more vulnerable to insects and pathogens, to damage and uprooting by strong winds, and to becoming dry fuel for wildfires, which will spread faster and burn for longer.

However, with early and targeted action, these threats can be contained, and ecological and economic impacts can be reduced. With the SWIFTT solution, Europe will be better positioned to preserve its forests and biodiversity, and to combat climate change.

**Learn more from our latest press release:**

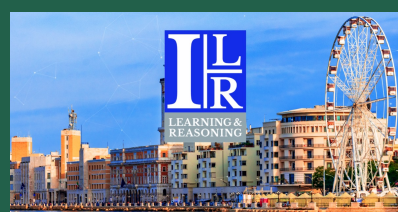
**SWIFTT consortium selected by EU's Horizon Europe Program to develop an AI and satellite-based solution for monitoring of forest risks**

The project partners will receive a cumulative €2.8M grant from the EUSPA/European Commission over the next three years.

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**What is up with SWIFTT?**

**November 2023**



Donato Malerba, from UNIBA, is organizing the 3rd International Joint Conference on Learning and Reasoning.

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**September 2023**



Partners from UNIBA will attend the European Conference on Machine Learning and Knowledge Discovery 2023.

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**June 2023**



Timtrack and Groupe Coopération Forestière will be at the EUROFOREST 2023.

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**May 2023**



Space Research Institute of Ukraine co-organised a hackathon, which included a task on the determination of diseased forest using satellite data.

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**April 2023**



Rigas Mezi introduced SWIFTT to specialists from the Riga Planning Region and Riga City departments.

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**April 2023**



Annalisa Appice, from UNIBA, gave a talk on the DeepLearn 2023 event in Bari, Italy, including an overview of SWIFTT.

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**April 2023**



An inter-university team from Ukraine placed first in the Black Sea Science Competition with work carried out within SWIFTT.

[More](#)

**March 2023**



Xavier Aubry from Da Vinci Labs presents SWIFTT in an interview to the French channel BFMTV (in French).

[Watch](#)

**March 2023**



Hanna Yailymova, from NTUU KPI, visited UNIBA for lecturing the course "GIS Methods and Technologies for Satellite Image Analysis".

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**February 2023**



Natalia Kussul, from the Space Research Institute of Ukraine, visited the Leibniz University Hannover for a talk on her work, including SWIFTT.

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**November 2022**



SWIFTT partners gathered in Tours, France, for the project's kickoff meeting.

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