

Tailor solutions to maximise
your profits and well-being



VITICULTURE



Alisios Corporation



Past experiences and current circumstances shape our clients' needs and are linked to the futures they can reach. At Alisios Corporation, our commitment is to provide high-quality services that help you plan and build the future you desire

Vineyards provide numerous benefits by acting as natural barriers to soil erosion and providing habitats for local biodiversity.

Additionally, wine tourism promotes sustainable local development by attracting visitors and generating employment in nearby communities



They are an integral part of local identity and traditions, frequently associated with celebrations and historical heritage

"Agriculture is the most healthy, the most useful, and the most noble employment of man..."

George Washington

SERVICES



- Frost forecast
- Flexible frost control technologies
- Yield forecasts
- Yield price forecasts
- Agriculture inputs price forecasts
- Weather and intraseasonal forecast
- Seasonal forecast
- Inter-annual forecasting
- Sibila Rooms



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FROST FORECAST

During frosts, the temperature can drop low enough to freeze the sap inside the branches and trunks of the vines. This freezing can cause the cells to rupture, damaging the internal structure of the plant and affecting its ability to transport nutrients and water



Damage caused by frost can affect grape ripening, reducing their sugar content and altering their balance of acids and flavors. This can result in a lower-quality wine

An accurate frost forecast is essential to protect your vineyard. It allows for preventive measures such as using controlled heating systems, applying protective covers, or even strategic pruning to minimize impact. With our advanced forecasting systems, you can anticipate frosts, safeguard your vines, and ensure a high-quality harvest, thereby guaranteeing the production of excellent wine



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FROST CONTROL

Certainly, no one can control when and how frosts occur, but we help you implement a **technological ecosystem** to manage their impacts



- Identification and management of vulnerable areas with multispectral camera drones
- Drone surveillance to warm up the vines
- Dynamic temperature control of the vines through heating cables



YIELD FORECASTS

These harvest yield forecasts (kg/tons) enable informed decision-making regarding planting schedules, harvest dates, and annual crop yields



This forecast helps mitigate potential losses due to adverse weather conditions or other factors through timing and management techniques

These forecasts provide information that supports crop planning, commercialization, and logistics, as well as a more effective decision-making process throughout the entire agricultural production chain



YIELD PRICE FORECASTS

Future crop price forecasts refer to estimates and predictions of the prices expected for agricultural products in the futures market



By combining predictions about crop performance as well as market prices, our clients gain a comprehensive perspective to optimize their financial decisions and maximize profits

They facilitate the planning of buying, selling, and storage strategies for agricultural products, helping to optimize profit margins and reduce the risk of losses



AGRICULTURAL INPUTS PRICE FORECAST

Price forecasts for agricultural supplies provide insight into the future prices of agricultural inputs

These forecasts are important for farmers, agricultural businesses, and economic planners. They help manage the associated costs to agricultural production



Helps manage financial risk associated with agricultural input price volatility. Farmers may consider hedging strategies or future contracts to protect against potential increases in supply costs

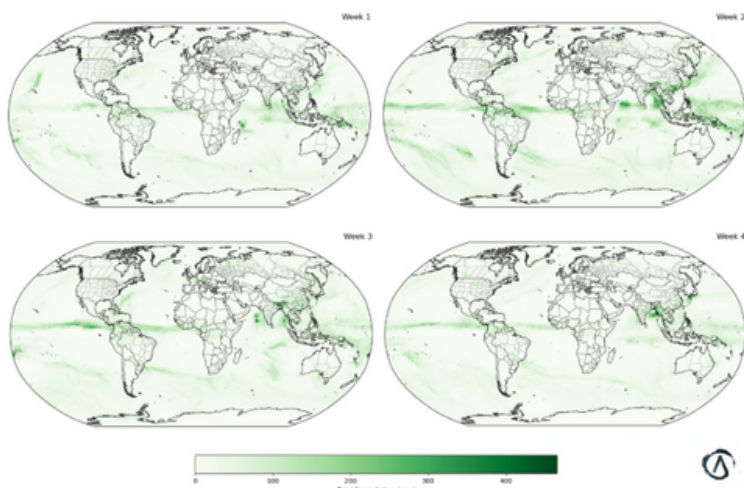


WEATHER & INTRASEASONAL FORECASTS

People make better decisions when they have enough time to plan in advance. To support this, Alisios Corporation offers, in addition to weather and intra-seasonal forecasts, complementary predictions on seasonal timescales that describe the expected state of relevant climate variables



- Wind gust forecasts
- Weather forecasts up to 10 days, at a spatial resolution of 5 km²
- Weekly forecasts up to 30 days in advance, at a spatial resolution of km²
- Tailored bulletins
- Accompanying experts
- Sibila Rooms



SEASONAL FORECASTS

Stakeholders make better decisions when they can plan with enough time ahead. To that aim, AlisiosCorp offers, in addition to weather and intraseasonal forecast, complementary predictions at seasonal timescales, describing the expected state of key climate variables of interest

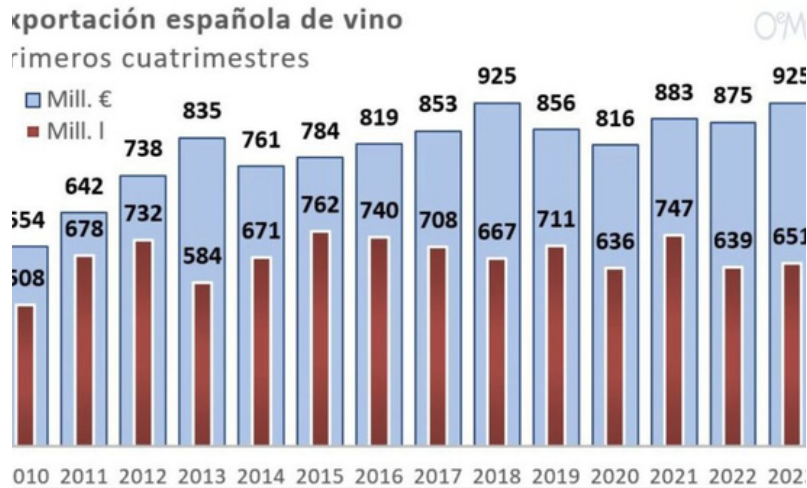
These services answer to questions such as:

- Will I see more than 'X' mm of rainfall next season?**
- Will I see a lot of consecutive hot or cold days during the next two seasons?**
- Probabilistic climate outlooks for the next 3-9 months, at a spatial resolution of ~ 50km²**
- Tailored bulletins**
- Accompanying experts**
- Sibila Rooms**



INTERANNUAL FORECASTS

For the clients interested in the next year of the next few years, we offer a new service that provides enhanced lead times for early actions, indicating the overall expected state of key variables of interests, such as temperatures, rainfall, lightning, vegetation indices, and sea-level rise, among others



- **Inter-annual outlooks for the next 1-5 years, at a spatial resolution of ~100 km²**
- **Tailored bulletins**
- **Accompanying expert**
- **Sibila Room**





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SIBILA ROOM (™)

In a world saturated with information, the power to act depends on how you interpret it

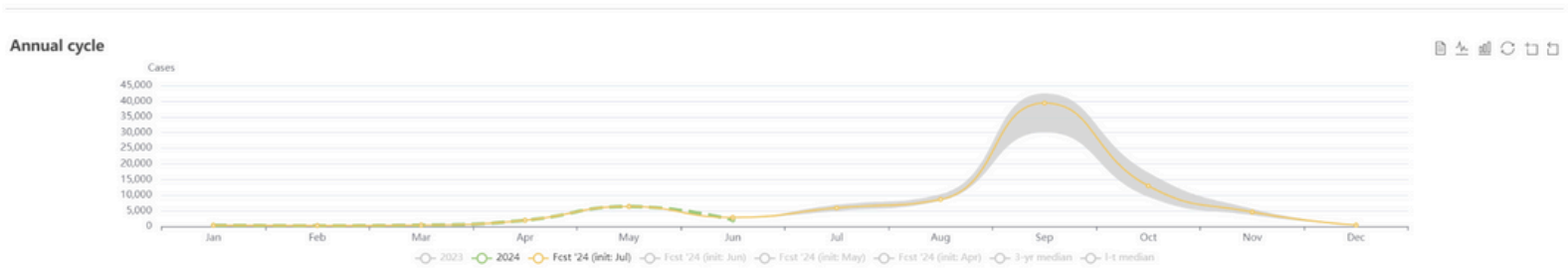
Sibila Room gives you that power

Month:
June '24

Cases YTD (YoY)
9441
↑ 232%

Cases MTD (MoM)
2067
↓ -67%

Cases EoY forecast
84244
↑ 54%



Decide which monitoring and forecasting services you want to see, how and when. On your computer, tablet or phone. Generate maps, graphical and text reports instantly, and share them with whomever you want.

In ancient times, people had to find the sibyl's chamber in a cave to know the future. Today we bring it to the palm of your hand

Do you have a challenge
for us?
Ask for our demos



<https://alioscorporation.com/contact-us/>